



REPORT

2024 Annual Groundwater Monitoring and Corrective Action Report

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

Submitted to:



Georgia Power Company

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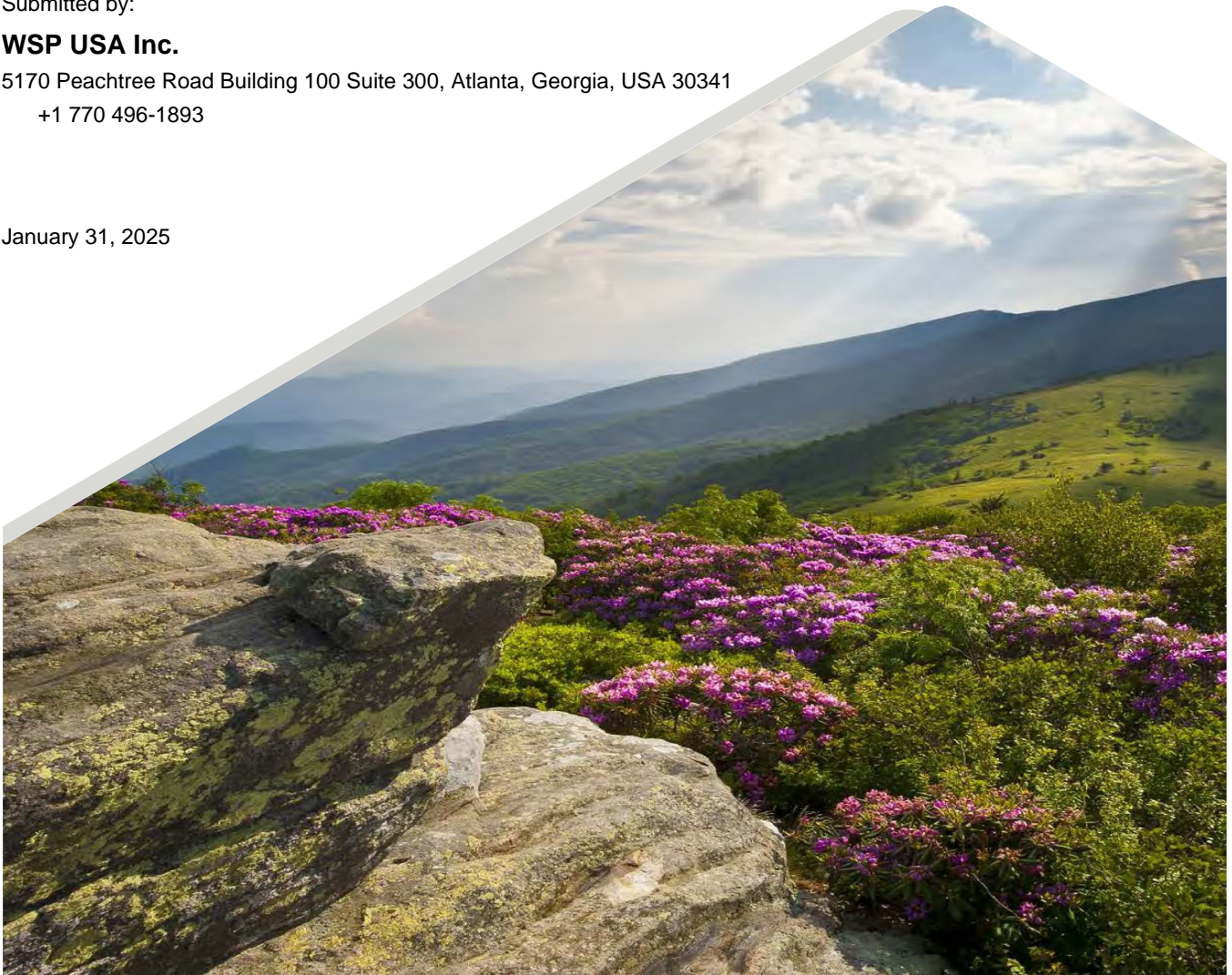
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Summary

This *2024 Annual Groundwater Monitoring and Corrective Action Report*, Georgia Power Company - Plant Scherer Cell 1 and Powdered Activated Carbon (PAC) Ash Cell (Cell 1 and PAC Ash Cell, the Site), Juliette, Monroe County, Georgia (GA), provides the status of groundwater monitoring and corrective program from January 1 through December 31, 2024. Groundwater monitoring and reporting for Cell 1 and PAC Ash Cell is performed by WSP USA Inc. (WSP) in accordance with the United States (US) Environmental Protection Agency (EPA) Coal Combustion Residuals (CCR) Rule published in the Code of Federal Regulations Title 40 Part 257 (40 CFR Part 257, Subpart D) dated April 17, 2015, and revised July 2018, 40 CFR § 257.90 through § 257.98. As required in 40 CFR § 257.90(e), this Annual Report describes the status of the groundwater monitoring program, summarizes key actions completed, and presents projected key activities for the upcoming year for Cell 1 and PAC Ash Cell. The other CCR unit (Ash Pond 1) at Plant Scherer is reported separately.

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

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



were established between 2016 and 2018. On May 9, 2023, the GA Environmental Protection Division (EPD) approved the CCR Solid Waste Handling Permit 102-009D (CCR) for the Cell 1, Cell 2, Cell 3, and PAC Ash Cell.

Groundwater monitoring events for Cell 1 and PAC Ash Cell were conducted in February-March and July-August 2024. Resampling for several Cell 1 and PAC Ash Cell detection monitoring wells were conducted in May and November 2024 for select constituents. In addition, background sampling was conducted at Cell 3 in February and August 2024 and data collected will be used as part of the background data population for statistical analyses. Groundwater elevation measurements were recorded from Site monitoring wells and piezometers prior to the semi-annual sampling events to confirm groundwater flow direction, and to confirm that the groundwater monitoring well network for the CCR units remains sufficient to monitor groundwater downgradient of the unit.

Groundwater samples were collected and analyzed for Appendix I and III CCR constituents from each of the monitoring wells. The February-March semi-annual sampling and the May resampling events are together referred to as the February-March 2024 sampling event). The July-August semi-annual sampling and the November resampling events are together referred to as the July-August 2024 sampling event.

Analytical data from the 2024 semi-annual monitoring events have been statistically analyzed in accordance with the Site's certified statistical analysis method. Results from the February-March and July-August 2024 semi-annual monitoring events including verification resamples conducted in May and November 2024 indicate statistically significant increases (SSIs) above the prediction limits for Appendix I and III CCR parameters as summarized below.

Cell 1		
Appendix I and III Constituents	February-March and May 2024	July-August and November 2024
Barium	GWC-4	GWC-4
Calcium	GWC-4, GWC-7, GWC-8A, GWC-19, and GWC-20	GWC-4, GWC-7, GWC-9, GWC-19, and GWC-20
Chloride	GWC-4	GWC-4
Chromium	No SSI	GWC-7
Sulfate	GWC-4, GWC-6, and GWC-10	GWC-3, GWC-4, GWC-9, and GWC-10
TDS	GWC-4	GWC-4
PAC Ash Cell		
Appendix I and III Constituents	February-March and May 2024	July-August and November 2024
No SSIs noted for 2024 sampling events		

An alternate source demonstration (ASD) for SSIs noted following the second semi-annual event in August 2023 was submitted on April 28, 2024. An ASD for SSIs noted following the first semi-annual event in 2024 was submitted on November 22, 2024. ASDs documented in 2024 are presented in Appendix F. Based on the statistical data results and supporting documentation presented in the ASDs, Georgia Power will continue detection monitoring and reporting at the Site and no corrective action is required at this time. Reports will be posted to the website and provided to the GA Environmental Protection Division (EPD) semi-annually. The next semi-annual monitoring event is tentatively scheduled for February 2025.

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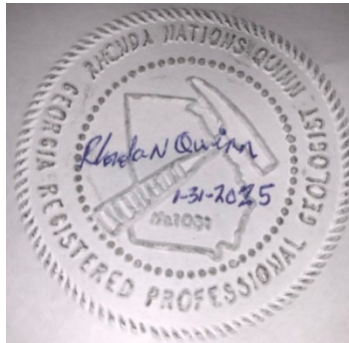
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Certification Statement

This *2024 Annual Groundwater Monitoring and Corrective Action Report, Plant Scherer Cell 1 and PAC Ash Cell* has been prepared in compliance with the United States Environmental Protection Agency Coal Combustion Residual Rule (40 Code of Federal Regulations [CFR] 257 Subpart D), specifically § 257.90(e), and the Georgia Environmental Protection Division Rules for Solid Waste Management 391-3-4-.10 by a qualified groundwater scientist or engineer with WSP USA Inc. I hereby certify that I am a qualified groundwater scientist, in accordance with the Georgia Rules of Solid Waste Management 391-3-4-.01.

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

WSP USA Inc.



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1.0 INTRODUCTION

This *2024 Annual Groundwater Monitoring and Corrective Action Report* has been prepared by WSP USA Inc. (WSP) to present results of each semi-annual monitoring event conducted in February-March and July-August 2024, and the verification resampling conducted in May and November 2024 for Georgia Power's Plant Scherer Cell 1 and Powdered Activated Carbon (PAC) Ash Cell (collectively, the Site). Monitoring and reporting for Plant Scherer was performed in accordance with the monitoring program requirements of the Georgia (GA) Department of Natural Resources Environmental Protection Division (EPD) Chapter 391-3-4-.10 Solid Waste Management; Solid Waste Permit 102-009D(CCR); and the associated *Groundwater Monitoring Plan (GWMP)*, dated February 2023 (WSP 2023) and approved by GA EPD on May 9, 2023.

1.1 Site Description and Background

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

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

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

1.2 Regional and Site Geology and Hydrogeologic Setting

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

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

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

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

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

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

1.3 Groundwater Monitoring Well Network

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

2.0 DETECTION MONITORING ACTIVITIES

The following subsections describe monitoring-related activities performed during the calendar year 2024 including two semi-annual events conducted in February-March and July-August as well as verification resampling of selected Cell 1 and PAC Ash wells in May and November 2024. During the first semi-annual monitoring period, WSP collected groundwater, surface water and effluent samples between February 20 and March 4, 2024. A verification resampling event for analysis of select constituents in several Cell 1 monitoring wells (GWC-3, GWC-4, GWC-6, GWC-7, GWC-10, GWC-14, and GWC-20) and one PAC Ash Cell well (GWC-53) was conducted on May 7, 2024. Due to transportation delays, the samples arrived at the laboratory outside of the preservation temperature range. Therefore, a second resampling event of selected Cell 1 monitoring wells (GWC-3, GWC-4, GWC-6, and GWC-10) and PAC Ash (GWC-53) was conducted on May 20, 2024. During the second semi-annual monitoring period, WSP collected groundwater, surface water and effluent samples between July 31 and August 9, 2024. Resample of selected Cell 1 (GWC-2, GWC-3, GWC-4, GWC-6, GWC-7, and GWC-9) and PAC Ash (GWC-53 and GWA-45) wells were conducted November 6 and 7, 2024 for analysis of selected constituents. Table 2 presents the status of the monitoring well network for each unit. Tables 5A through 5H present analytical results collected during the calendar year 2024.

The groundwater monitoring wells near Cell 3 have been used for semi-annual water level measurements. Sampling was conducted during the February and August 2024 events for background sample collection. Samples from sixteen (16) monitoring wells (GWA-39 through GWA-44A, GWA-54 and GWC-30 through GWC-38) were collected for analysis of the permit-specified semi-annual monitoring parameters as well as Appendix III and Appendix IV monitoring parameters per 40 CFR Parts 257 and 261. Analytical data for Cell 3 is provided in Appendix B and in Tables 5E and 5F.

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

2.1 Monitoring Well Installation and Maintenance

There was no change to the groundwater monitoring system in 2024; the network remained the same as in the previous reporting year. Monitoring-related activities included a visual inspection of well conditions prior to sampling, recording the Site conditions, and performing exterior maintenance to provide safe access for sampling.

Monitoring wells are inspected semi-annually to determine if any repairs or corrective actions are necessary to meet the requirements of the Georgia Water Well Standards Act (O.C.G.A. § 12-5-134(5)(d)(vii)). In February and July 2024, monitoring wells were inspected and documented on well condition summary forms included in Appendix C. Necessary corrective actions completed for Site monitoring wells were identified and subsequently completed, as documented in the Well Maintenance and Repair Documentation Memorandum, included in Appendix C. This documentation was performed under the direction of a professional geologist or engineer registered in the State of Georgia.

2.2 Detection Groundwater Monitoring

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

2.3 Surface Water Monitoring

Small tributaries traverse the Site to the Ocmulgee River, which is located approximately 3,000 feet east of the facility boundary. Nine locations, as shown on Figure 2, are sampled semi-annually to evaluate the surface water quality of the small tributaries traversing the Site. While in detection monitoring, Appendix III constituents and other permit specified constituents will be included in semi-annual monitoring events at Cell 1 and PAC Ash Cell. Surface water sampling locations SWC-5 and SWC-9 were dry at the time of sampling, and therefore, no sample was collected from these two locations for the February-March 2024 semi-annual monitoring event. Similarly, surface water sampling locations SWA-1, SWC-5, and SWC-9 were dry at the time of sampling, and therefore, no sample was collected from these three locations for the July-August 2024 semi-annual monitoring event.

2.4 Effluent Monitoring

Effluent monitoring is performed semi-annually. The effluent sample was collected in February and August 2024 from the point of discharge of the flue gas desulfurization (FGD) waste stream. The FGD sample was analyzed for permit-specified semi-annual monitoring parameters, and laboratory results are provided in Appendix B.

2.5 Additional Sampling

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

3.0 SAMPLE METHODOLOGY AND ANALYSIS

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

3.1 Groundwater Level Measurements

Prior to sampling, WSP recorded groundwater elevations from each well and piezometer on February 19, 2024 and July 30, 2024. Groundwater elevation data are summarized on Table 3. The recorded water level data were used to develop potentiometric surface elevation contours that are presented on Figures 3A through 3D. Review of Figures 3A through 3D shows that groundwater generally flows south-southeast across the Cell 1 and PAC Ash Cell units, which is consistent with historical observations.

3.2 Groundwater Gradient and Flow Velocity

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

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

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

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

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

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

$n_e =$ Effective porosity

Using this equation and groundwater elevations collected during both February and July 2024, horizontal groundwater velocities are calculated for various areas of the Site and shown in Tables 4A and 4B.

As presented in Tables 4A and 4B, groundwater flow velocity at the Site ranges from approximately 0.12 to 0.38 feet/day (approximately 44 to 140 feet/year) in February 2024, and from approximately 0.12 to 0.37 feet/day

(approximately 45 to 137 feet/year) in July 2024 across Cell 1 and PAC Ash Cell. These calculated groundwater velocities across the Site are consistent with historical calculations.

3.3 Groundwater Sampling

Groundwater samples were collected from Site detection monitoring wells between February, March, July, and August 2024. A verification sampling was conducted in May and November 2024 respectively for several monitoring wells for select constituents. Original and verification results for each well and surface water location are summarized on Tables 5A through 5H.

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

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

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

3.4 Surface Water Sampling

During the 2024 sampling events, surface water locations SWA-1 through SWA-3 and SWC-4 through SWC-9 were sampled, except when dry, using applicable US EPA operating procedures (US EPA, 2021). No surface water sample was collected at locations SWC-5 and SWC-9 during February 2024 or SWA-1, SWC-5, and SWC-9 during August 2024 as they were dry at the time of sampling. Surface water samples were analyzed for target parameters, as indicated in the GWMP. The results of the first and second semi-annual surface water sampling events are provided in Tables 5G and 5H. A tabular summary of historical surface water monitoring results is presented in Appendix D and includes data from the current monitoring event as well as each of the historical monitoring events.

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

3.5 Effluent Sampling

During each of the 2024 sampling events, one effluent sample was collected from the point of discharge of the FGD waste stream for Cell 1. The FGD effluent sample was analyzed for permit-specified semi-annual monitoring parameters. Results of the FGD effluent sample collected on February 29, and August 7, 2024, are provided in Appendix B.

3.6 Laboratory Analyses

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

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

3.7 Quality Assurance and Quality Control

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

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

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

4.0 STATISTICAL ANALYSES

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

4.1 Statistical Methods

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

Groundwater quality data for Cell 1 were evaluated using a combination of interwell and intrawell prediction limits for required parameters. Intrawell methods utilize historical data from within a given well to establish a statistical limit for comparison of compliance data. As a result, each parameter will have a different statistical limit for each well. Data from the first and second semi-annual detection monitoring events in 2024 are compared to the calculated statistical limits (utilizing historical data through December 2022 in applicable cases for Cell 1 and August 2022 for PAC Ash Cell) to determine whether any concentrations exceed background levels. Interwell statistical analyses pools upgradient data to calculate a prediction limit for which downgradient data is compared. The selected statistical method(s) uses an optional 1-of-2 verification resample plan. When an initial statistically significant increase (SSI) or questionable result occurs, a second sample may be collected to verify the initial result or determine if the result was an outlier. If the initial finding was not verified by resampling, the resampled value replaced the initial finding. When the resample confirms the initial finding, both values remain in the database and an SSI is declared.

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

4.2 Statistical Analysis Results

The calculated prediction limits and the statistical analysis (Sanitas™) results are included in Appendix E. Following the statistical methods described above, including the two-step analyses for the February-March and July-August 2024 and the verification sampling events in May and November 2024, the statistical results for 2024 monitoring events are summarized below.

4.2.1 February-March and May 2024 Statistical Analysis Results

Following the statistical methods described above, including the two-step analyses, the following table presents the SSIs noted following the first semi-annual 2024 monitoring event including both the February-March and May 2024 sampling events.

February-March and May 2024 Statistically Significant Increase Summary

Well	Parameter	Concentration (mg/L) February-March / May 2024 ^[1]	Intrawell Upper Prediction Limit (mg/L)	Interwell Upper Prediction Limit (mg/L)
Cell 1				
GWC-4	Barium	0.10	0.05318	0.051
GWC-4	Chloride	21 / 28	16.42	7.2
GWC-4	TDS	260	178.1	137.2
GWC-4	Sulfate	84	6.288	3.5
GWC-4	Calcium	31	17.6	15
GWC-19	Calcium	19	15.99	15
GWC-20	Calcium	17	15.76	15
GWC-7	Calcium	17 / 17	16	15
GWC-8A	Calcium	49	45.47	15
GWC-6	Sulfate	25 / 18	17.05	3.5
GWC-10	Sulfate	4.7 / 3.9	1.2	3.5
PAC Ash Cell – No Exceedances				

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

Concentrations of Appendix I and Appendix III constituents are below respective prediction limits for each of the Cell 1 and PAC Ash Cell monitoring wells during the February-March semi-annual 2024 monitoring event with the exceptions noted above. Apparent statistical exceedances for barium, chloride, calcium, TDS, and sulfate are noted for select monitoring wells at Cell 1. No statistical exceedances were identified in PAC Ash Cell monitoring wells.

4.2.2 July-August and November 2024 Statistical Analysis Results

Following the statistical methods described above, including the two-step analyses, the following table presents the SSIs noted following the July-August semi-annual 2024 monitoring event including both the July-August sampling event and the November 2024 verification resampling event.

July-August and November 2024 Statistically Significant Increase Summary

Well	Parameter	Concentration (mg/L) July-August and November 2024 ^[1]	Intrawell Upper Prediction Limit (mg/L)	Interwell Upper Prediction Limit (mg/L)
Cell 1				
GWC-4	Barium	0.097	0.05318	0.051

Well	Parameter	Concentration (mg/L) July-August and November 2024 ^[1]	Intrawell Upper Prediction Limit (mg/L)	Interwell Upper Prediction Limit (mg/L)
GWC-4	Calcium	29	17.6	15
GWC-7	Calcium	17	16	15
GWC-9	Calcium	22 / 23	21	15
GWC-19	Calcium	20	15.99	15
GWC-20	Calcium	17	15.76	15
GWC-4	Chloride	19	16.42	7.2
GWC-7	Chromium	0.020 / 0.020	0.018	0.012
GWC-3	Sulfate	15 / 18	1.1	3.5
GWC-4	Sulfate	73	6.288	3.5
GWC-9	Sulfate	22 / 30	18.9	3.5
GWC-10	Sulfate	4.4	1.311	3.5
GWC-4	TDS	250	178.1	137.1

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

Concentrations of Appendix I and Appendix III constituents are below respective prediction limits for each of the Cell 1 and PAC Ash Cell monitoring wells during the July-August semi-annual 2024 monitoring event with the exceptions noted above. Apparent statistical exceedances for barium, calcium, chloride, chromium, sulfate, and TDS are noted for select monitoring wells at Cell 1. No statistical exceedances were identified in PAC Ash Cell monitoring wells.

5.0 ALTERNATE SOURCE DEMONSTRATIONS

In response to the February-March 2024 SSIs, barium, calcium, chloride, sulfate, and TDS at various wells downgradient of Cell 1, an ASD was submitted on November 22, 2024 following the options of 40 CFR § 257.95 and 391-3-4-.10(6) and is included in Appendix F. The ASD concluded that the statistical exceedances above the prediction limits identified following the February-March semi-annual monitoring event in 2024 are the result of natural variability in groundwater chemistry. The SSIs reported for the July-August and November 2024 monitoring events (barium, calcium, chloride, chromium, sulfate and TDS) will be addressed in a forthcoming ASD under separate cover.

PREVIOUS SITE SOURCE DEMONSTRATIONS

ASDs have been previously prepared to address prior SSIs above background for Appendix I and Appendix III constituents at the Site. These ASDs were previously submitted to GA EPD under separate report covers. Based on EPD guidance, many of these ASDs no longer require concurrence because constituents have not been detected above background for two consecutive events, which supports the determinations of natural variability

presented in those ASDs. The SSIs that have been identified within the past 12 months (2 previous sampling events) and have been addressed by ASDs are listed below.

Alternate Source Demonstration	Constituent	Well	Status of Approval by GA EPD
Alternate Source Demonstration Plant Scherer Cell 1 and PAC Ash Cell Permit No. 102.009D(CCR), 2023 Second Semi-Annual Event, April 28, 2024	Barium	GWC-4	Submitted
	Calcium	GWC-4	
	Calcium	GWC-8A	
	Calcium	GWC-19	
	Calcium	GWC-20	
	Chloride ^[1]	GWC-53	
	Sulfate	GWC-4	
	TDS	GWC-4	
Alternate Source Demonstration Plant Scherer Cell 1 and PAC Ash Cell Permit No. 102.009D(CCR), 2024 First Semi-Annual Event, November 22, 2024	Barium	GWC-4	Submitted
	Calcium	GWC-4	
	Calcium	GWC-7	
	Calcium	GWC-8A ^[1]	
	Calcium	GWC-19	
	Calcium	GWC-20	
	Chloride	GWC-4	
	Sulfate	GWC-4	
	Sulfate	GWC-6 ^[1]	
	Sulfate	GWC-10	
	TDS	GWC-4	

Note:

^[1] Analyte concentration in the specified well, is not an SSI based on recent results from the second semi-annual sampling event of 2024.

6.0 MONITORING PROGRAM STATUS

Plant Scherer Cell 1 and PAC Ash Cell remain in detection monitoring. Table 2 presents the status of each well within the certified monitoring network for Cell 1 and PAC Ash Cell, respectively. SSIs of (barium, calcium, chloride, sulfate, and TDS identified during the February-March and May 2024 events have been addressed by an ASD (WSP, 2024b). The SSIs reported for the July-August and November 2024 monitoring events (barium, calcium, chloride, chromium, sulfate, and TDS) will be addressed in a forthcoming ASD, as applicable, under separate cover. As such, Cell 1 and PAC Ash Cell will remain in detection monitoring. The next semi-annual groundwater sampling event is scheduled for February 2025.

7.0 CONCLUSIONS

This 2024 Annual *Groundwater Monitoring and Corrective Action Report*, Georgia Power Plant Scherer Cell 1 and PAC Ash Cell has been prepared to fulfill the requirements of 40 CFR 257, Georgia EPD SWMR 391-3-4-.14, the May 9, 2023, CCR Solid Waste Handling Permit 102-009D (CCR), and the Site's GWMP. Samples were obtained between February 28 and March 4, 2024 with verification resampling conducted on May 7 and 20, 2024 during the first semi-annual event; samples were obtained between August 6 through 9, 2024 with verification resampling conducted on November 6 and 7, 2024 during the second semi-annual event. The groundwater flow direction and rates observed during the calendar year 2024 are consistent with historical evaluations.

Review of analytical results and statistical analyses using the two-step method developed for the Site identified statistical exceedances above background during both semi-annual sampling events for 2024. Preparation of an ASD is underway to address each of these SSIs. The ASD will be submitted within the timeline required by 40 CFR § 257.95 and 391-3-4-.10(6). The monitoring well network continues to effectively monitor the water-bearing unit beneath Cell 1 and PAC Ash Cell.

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

8.0 REFERENCES

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Tables

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

Well ID	Well Designation	Location	Northing ^[1]	Easting ^[1]	Ground Surface Elevation (feet) ^[2]	Top of Casing Elevation (feet) ^[2]	Top of Screen Elevation (feet) ^{[2] [3]}	Bottom of Screen Elevation (feet) ^{[2] [3]}	Total Well Depth (feet below top of casing) ^[4]	Groundwater Zone Screened	Installation Date
GYPSUM CELL 1											
GWA-15	Detection	Upgradient	1120009.40	2409282.43	411.70	415.01	395.5	385.5	29.5	Residual Soil	11/04/2009
GWA-16	Detection	Upgradient	1120248.68	2409579.75	440.91	444.24	396.7	386.7	57.8	Saprolite	10/13/2009
GWA-17	Detection	Upgradient	1120210.57	2409946.73	442.82	445.84	409.3	399.3	46.7	Saprolite/PWR	09/28/2009
GWC-1	Detection	Downgradient	1120077.85	2411555.32	371.60	374.95	346.9	336.9	38.2	Saprolite	10/28/2009
GWC-2	Detection	Downgradient	1119816.59	2411493.53	376.90	380.22	332.1	322.1	58.2	Saprolite	10/08/2009
GWC-3	Detection	Downgradient	1119613.94	2411202.40	409.60	412.66	373.2	363.2	49.5	Residual Soil	10/29/2009
GWC-4	Detection	Downgradient	1119255.96	2411041.82	408.40	411.75	378.7	368.7	43.3	Residual Soil	11/21/2009
GWC-5	Detection	Downgradient	1118897.72	2411025.88	393.27	396.69	372.8	362.8	34.1	Residual Soil/PWR	10/22/2009
GWC-6	Detection	Downgradient	1118575.69	2410872.56	412.38	415.80	377.5	367.5	48.5	Bedrock	10/21/2009
GWC-7	Detection	Downgradient	1118243.67	2410645.91	414.41	418.27	369.8	359.8	58.6	Saprolite	10/20/2009
GWC-8A	Detection	Downgradient	1117917.32	2410375.16	398.60	401.62	364.3	354.3	48.0	PWR	03/29/2017
GWC-9	Detection	Downgradient	1117955.40	2410167.75	382.81	386.18	376.0	366.0	20.2	Residual Soil/Saprolite	11/04/2009
GWC-10	Detection	Downgradient	1118306.77	2410018.28	388.89	392.87	367.5	357.5	35.7	Residual Soil	11/03/2009
GWC-11	Detection	Downgradient	1118648.98	2409778.84	398.81	402.33	377.8	367.8	34.6	Saprolite	11/03/2009
GWC-12	Detection	Downgradient	1118977.87	2409554.57	409.16	412.89	384.9	374.9	38.1	Residual Soil	11/03/2009
GWC-13	Detection	Downgradient	1119338.68	2409390.95	416.51	419.77	386.5	376.5	43.3	Residual Soil	11/02/2009
GWC-14	Detection	Downgradient	1119655.05	2409111.75	400.16	403.60	386.1	376.1	27.6	Residual Soil	11/04/2009
GWC-18	Detection	Downgradient	1119998.73	2410261.85	436.30	439.66	389.5	379.5	60.4	Saprolite	09/29/2009
GWC-19	Detection	Downgradient	1119645.70	2410713.20	426.29	430.20	382.5	372.5	58.0	Saprolite	10/02/2009
GWC-20	Detection	Downgradient	1119950.51	2411195.38	422.98	426.30	363.9	353.9	72.7	Saprolite	10/06/2009
PAC ASH CELL											
GWA-21	Detection	Upgradient	1120675.73	2409462.70	419.70	422.58	412.0	402.0	20.7	Residual Soil/Saprolite	06/29/2010
GWA-22	Detection	Upgradient	1120962.12	2409473.22	442.01	444.50	412.3	402.3	42.5	Saprolite/Bedrock	06/30/2010
GWA-45	Detection	Upgradient	1120669.03	2407889.56	448.28	451.08	426.0	416.0	35.5	Residual Soil	06/23/2010
GWA-46	Detection	Upgradient	1120783.23	2408235.69	458.32	461.13	424.4	414.4	47.0	Residual Soil	06/23/2010
GWA-47	Detection	Upgradient	1120862.63	2408585.01	462.90	465.77	421.7	411.7	54.2	Saprolite	06/22/2010
GWA-48	Detection	Upgradient	1120953.42	2408939.48	458.85	461.73	407.7	397.7	64.1	Saprolite	06/22/2010
GWA-49	Detection	Upgradient	1121030.08	2409288.38	429.86	432.88	401.8	391.8	41.1	Saprolite	06/21/2010
GWC-29	Detection	Downgradient	1119875.58	2408717.95	396.88	399.64	382.8	372.8	27.1	Residual Soil/Saprolite	06/28/2010
GWC-50	Detection	Downgradient	1119917.51	2408956.10	404.34	407.16	380.9	370.9	36.5	Residual Soil/Saprolite	06/28/2010
GWC-51	Detection	Downgradient	1119835.51	2408436.95	407.27	410.15	393.8	383.8	26.8	Saprolite	07/27/2010
GWC-52	Detection	Downgradient	1119972.34	2408203.99	414.38	417.13	394.5	384.5	32.9	Residual Soil/Saprolite	06/24/2010
GWC-53	Detection	Downgradient	1120319.65	2407943.05	432.90	435.83	412.8	402.8	33.0	Residual Soil	06/23/2010

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

Well ID	Well Designation	Location	Northing ^[1]	Easting ^[1]	Ground Surface Elevation (feet) ^[2]	Top of Casing Elevation (feet) ^[2]	Top of Screen Elevation (feet) ^{[2] [3]}	Bottom of Screen Elevation (feet) ^{[2] [3]}	Total Well Depth (feet below top of casing) ^[4]	Groundwater Zone Screened	Installation Date
CELL 3											
GWA-39	Detection	Upgradient	1116967.57	2408671.68	454.2	457.62	405.2	395.2	62.4	Bedrock	12/20/2019
GWA-40	Detection	Upgradient	1117365.24	2408730.04	461.20	463.84	427.2	417.2	47.5	Saprolite	12/18/2020
GWA-41	Detection	Upgradient	1118096.97	2408412.15	431.40	434.12	403.8	393.8	41.4	Saprolite	01/26/2020
GWA-42	Detection	Upgradient	1118500.68	2408233.53	402.20	405.19	393.4	383.4	21.8	Residual Soil/TWR	01/27/2020
GWA-43	Detection	Upgradient	1118861.38	2408484.42	398.10	400.94	389.1	379.1	21.8	Saprolite	01/26/2020
GWA-44A	Detection	Upgradient	1119296.99	2408569.76	396.50	399.62	386.6	376.6	23.0	PWR	05/21/2020
GWA-54	Detection	Upgradient	1117751.40	2408588.52	448.58	451.49	409.8	399.8	52.9	Bedrock	12/21/2019
GWC-30	Detection	Downgradient	1119366.69	2408976.35	392.04	394.49	384.0	374.0	20.5	Residual Soil/Bedrock	01/24/2020
GWC-31	Detection	Downgradient	1118970.00	2409062.02	390.00	392.78	380.7	370.7	22.1	Residual Soil/TWR	01/23/2020
GWC-32	Detection	Downgradient	1118749.53	2409084.83	406.90	410.03	319.0	372.0	39.1	Saprolite	01/21/2020
GWC-33A	Detection	Downgradient	1118458.68	2409359.58	390.87	393.96	376.9	366.9	27.1	Saprolite	05/27/2020
GWC-34	Detection	Downgradient	1118248.26	2409680.41	386.23	389.29	377.2	367.2	22.1	Saprolite/TWR	01/13/2020
GWC-35	Detection	Downgradient	1117860.46	2409906.21	385.10	387.90	375.1	365.1	23.8	Saprolite	01/12/2020
GWC-36	Detection	Downgradient	1117561.29	2409681.44	422.02	425.12	386.6	376.6	48.5	Saprolite/TWR	01/10/2020
GWC-37	Detection	Downgradient	1117239.70	2409636.56	427.23	429.80	395.2	385.2	45.6	Residual Soil	01/08/2020
GWC-38	Detection	Downgradient	1116786.45	2409533.11	416.00	418.68	387.0	377.0	41.7	Saprolite/TWR	01/07/2020

Notes:

- [1] Coordinates are in feet relative to North American Datum (NAD) 1983, State Plane, Georgia-West.
- [2] Elevations shown are in datum NAVD88, which indicates feet (ft) in elevation referenced to the North American Vertical Datum 1988.
- [3] Well screen elevations are calculated by subtracting the depths to top and bottom of the well screen from the ground surface elevation.
- [4] Total well depth accounts for sump if data provided on well construction logs.
- [5] PWR = Partially Weathered Rock TWR = Transitionally Weathered Rock

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

Well ID	Hydraulic Location	Compliance Purpose	February 28 - March 04, 2024	February 22 and 26, 2024	May 07 and 20, 2024	August 06 - 09, 2024	August 07- 08, 2024	November 06 - 07, 2024
			Assessment	Background	Resample	Assessment	Background	Resample
GYPSUM CELL 1								
GWA-15	Upgradient	Detection	X			X		
GWA-16	Upgradient	Detection	X			X		
GWA-17	Upgradient	Detection	X			X		
GWC-1	Downgradient	Detection	X			X		
GWC-2	Downgradient	Detection	X			X		X
GWC-3	Downgradient	Detection	X		X	X		X
GWC-4	Downgradient	Detection	X		X	X		X
GWC-5	Downgradient	Detection	X			X		
GWC-6	Downgradient	Detection	X		X	X		X
GWC-7	Downgradient	Detection	X		X	X		X
GWC-8A	Downgradient	Detection	X			X		
GWC-9	Downgradient	Detection	X			X		X
GWC-10	Downgradient	Detection	X		X	X		
GWC-11	Downgradient	Detection	X			X		
GWC-12	Downgradient	Detection	X			X		
GWC-13	Downgradient	Detection	X			X		
GWC-14	Downgradient	Detection	X		X	X		
GWC-18	Downgradient	Detection	X			X		
GWC-19	Downgradient	Detection	X			X		
GWC-20	Downgradient	Detection	X		X	X		
PAC ASH CELL								
GWA-21	Upgradient	Detection	X			X		
GWA-22	Upgradient	Detection	X			X		
GWA-45	Upgradient	Detection	X			X		X
GWA-46	Upgradient	Detection	X			X		
GWA-47	Upgradient	Detection	X			X		
GWA-48	Upgradient	Detection	X			X		
GWA-49	Upgradient	Detection	X			X		
GWC-29	Downgradient	Detection	X			X		
GWC-50	Downgradient	Detection	X			X		
GWC-51	Downgradient	Detection	X			X		
GWC-52	Downgradient	Detection	X			X		
GWC-53	Downgradient	Detection	X		X	X		X

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

Well ID	Hydraulic Location	Compliance Purpose	February 28 - March 04, 2024	February 22 and 26, 2024	May 07 and 20, 2024	August 06 - 09, 2024	August 07- 08, 2024	November 06 - 07, 2024
			Assessment	Background	Resample	Assessment	Background	Resample
CELL 3								
GWC-30	Downgradient	Background		X			X	
GWC-31	Downgradient	Background		X			X	
GWC-32	Downgradient	Background		X			X	
GWC-33A	Downgradient	Background		X			X	
GWC-34	Downgradient	Background		X			X	
GWC-35	Downgradient	Background		X			X	
GWC-36	Downgradient	Background		X			X	
GWC-37	Downgradient	Background		X			X	
GWC-38	Downgradient	Background		X			X	
GWA-39	Upgradient	Background		X			X	
GWA-40	Upgradient	Background		X			X	
GWA-41	Upgradient	Background		X			X	
GWA-42	Upgradient	Background		X			X	
GWA-43	Upgradient	Background		X			X	
GWA-44A	Upgradient	Background		X			X	
GWA-54	Upgradient	Background		X			X	

Notes:

X - Indicates well sampled during event

Re-sample events were conducted on May 07, May 20, November 06, and November 07, 2024.

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

Well ID	Top of Casing Elevation (feet)	February 19, 2024		July 30,2024	
		Depth to Water (feet BTOC)	Groundwater Elevation (feet NAVD 88)	Depth to Water (feet BTOC)	Groundwater Elevation (feet NAVD 88)
GYPSUM CELL 1					
GWC-1	374.95	8.27	366.68	10.92	364.03
GWC-2	380.22	12.46	367.76	15.42	364.80
GWC-3	412.66	36.97	375.69	37.22	375.44
GWC-4	411.75	32.89	378.86	33.75	378.00
GWC-5	396.69	20.44	376.25	21.86	374.83
GWC-6	415.80	39.80	376.00	40.16	375.64
GWC-7	418.27	42.63	375.64	43.43	374.84
GWC-8A	401.62	22.18	379.44	23.43	378.19
GWC-9	386.18	6.68	379.50	7.53	378.65
GWC-10	392.87	10.01	382.86	11.65	381.22
GWC-11	402.33	16.88	385.45	19.44	382.89
GWC-12	412.89	24.30	388.59	26.61	386.28
GWC-13	419.77	28.94	390.83	31.40	388.37
GWC-14	403.60	12.02	391.58	13.84	389.76
GWA-15	415.01	11.31	403.70	13.70	401.31
GWA-16	444.24	32.88	411.36	34.56	409.68
GWA-17	445.84	31.45	414.39	31.49	414.35
GWC-18	439.66	35.16	404.50	35.19	404.47
GWC-19	430.20	38.46	391.74	38.58	391.62
GWC-20	426.30	45.61	380.69	45.63	380.67

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

Well ID	Top of Casing Elevation (feet)	February 19, 2024		July 30, 2024	
		Depth to Water (feet BTOC)	Groundwater Elevation (feet NAVD 88)	Depth to Water (feet BTOC)	Groundwater Elevation (feet NAVD 88)
PAC ASH CELL					
GWA-21	422.58	4.75	417.83	7.46	415.12
GWA-22	444.50	24.00	420.50	27.02	417.48
GWC-29	399.64	5.80	393.84	6.33	393.31
GWA-45	451.08	15.80	435.28	18.84	432.24
GWA-46	461.13	32.95	428.18	33.61	427.52
GWA-47	465.77	40.65	425.12	40.63	425.14
GWA-48	461.73	38.52	423.21	38.94	422.79
GWA-49	432.88	10.55	422.33	14.07	418.81
GWC-50	407.16	8.90	398.26	9.94	397.22
GWC-51	410.15	8.61	401.54	9.12	401.03
GWC-52	417.13	9.20	407.93	9.49	407.64
GWC-53	435.83	10.80	425.03	12.04	423.79
CELL 3					
GWA-39	457.62	28.28	429.34	29.70	427.92
GWA-40	463.84	34.62	429.22	35.43	428.41
GWA-41	434.12	11.93	422.19	13.19	420.93
GWA-42	405.19	4.75	400.44	6.63	398.56
GWA-43	400.94	3.97	396.97	5.58	395.36
GWA-44A	399.62	3.80	395.82	5.66	393.96
GWA-54	451.49	26.78	424.71	27.39	424.10
GWC-30	394.49	5.77	388.72	7.82	386.67
GWC-31	392.78	5.36	387.42	7.87	384.91
GWC-32	410.03	23.35	386.68	24.64	385.39
GWC-33A	393.96	9.45	384.51	10.16	383.80
GWC-34	389.29	7.32	381.97	7.88	381.41
GWC-35	387.90	4.55	383.35	5.82	382.08
GWC-36	425.12	31.69	393.43	32.87	392.25
GWC-37	429.80	22.70	407.10	25.38	404.42
GWC-38	418.68	10.97	407.71	13.48	405.20

Notes:

NAVD 88 indicates feet (ft) in elevation referenced to the North American Vertical Datum 1988.

BTOC = Below Top of Casing

Table 4A
Groundwater Flow Velocity Calculations - February 2024
Georgia Power Company
Plant Scherer - Cell 1 and PAC Ash Cell
Monroe County, GA

Gauging Event	Well Pair	Groundwater Elevations in Well Pairs (ft)		Change in Elevation (ft)	Distance Between Well 1 and Well 2 (ft)	Hydraulic Gradient (i) (ft/ft)	Range of Hydraulic Conductivity (K) (ft/day)	Estimated Effective Porosity (ne)	Calculated Groundwater Flow Velocity (V) (ft/day)		Calculated Groundwater Flow Velocity (V) (ft/year)	
February 2024	GWA-17 to GWC-7	414.39	375.64	38.75	2088	0.019	1.29 to 2.27	0.2	0.12 to 0.21	44	to	77
February 2024	GWA-45 to GWC-51	435.28	401.54	33.74	997	0.034	1.29 to 2.27	0.2	0.22 to 0.38	80	to	140
February 2024	GWA-47 to GWC-50	425.12	398.26	26.86	1015	0.026	1.29 to 2.27	0.2	0.17 to 0.30	62	to	110
February 2024	GWC-19 to GWC-3	391.74	375.69	16.05	491	0.033	1.29 to 2.27	0.2	0.21 to 0.37	78	to	137

Notes:

1. ft – feet
2. Hydraulic conductivity values are based on historic aquifer performance tests. Revised May 2024.
The range of hydraulic conductivity used for calculating the horizontal groundwater velocity is median hydraulic conductivity of 1.29 feet/day and the average hydraulic conductivity of 2.27 feet/day.
3. Effective porosity based on default values for effective porosity recommended by USEPA for a silty sand-type soil (US EPA, 1996).
4. Groundwater flow velocity equation: $V = (K \cdot i) / n_e$

Table 4B
Groundwater Flow Velocity Calculations - July 2024
Georgia Power Company
Plant Scherer - Cell 1 and PAC Ash Cell
Monroe County, GA

Gauging Event	Well Pair	Groundwater Elevations in Well Pairs (ft)		Change in Elevation (ft)	Distance Between Well 1 and Well 2 (ft)	Hydraulic Gradient (i) (ft/ft)	Range of Hydraulic Conductivity (K) (ft/day)	Estimated Effective Porosity (ne)	Calculated Groundwater Flow Velocity (V) (ft/day)		Calculated Groundwater Flow Velocity (V) (ft/year)	
July 2024	GWA-17 to GWC-7	414.35	374.84	39.51	2088	0.019	1.29 to 2.27	0.2	0.12 to 0.22	45	to	79
July 2024	GWA-45 to GWC-51	432.24	401.03	31.21	997	0.031	1.29 to 2.27	0.2	0.20 to 0.35	73	to	128
July 2024	GWA-47 to GWC-50	425.14	397.22	27.92	1015	0.027	1.29 to 2.27	0.2	0.17 to 0.31	64	to	112
July 2024	GWC-19 to GWC-3	391.62	375.44	16.18	491	0.033	1.29 to 2.27	0.2	0.21 to 0.37	78	to	137

- Notes:
1. ft – feet
 2. Hydraulic conductivity values are based on historic aquifer performance tests. Revised May 2024.
The range of hydraulic conductivity used for calculating the horizontal groundwater velocity is median hydraulic conductivity of 1.29 feet/day and the average hydraulic conductivity of 2.27 feet/day.
 3. Effective porosity based on default values for effective porosity recommended by USEPA for a silty sand-type soil (US EPA, 1996).
 4. Groundwater flow velocity equation: $V = (K \cdot i) / n_e$

Table 5A
Groundwater Analytical Data Summary - February-March and May 2024
Gypsum Cell 1 Wells
Georgia Power Company
Plant Scherer - Cell 1 and PAC Ash Cell
Monroe County, GA

Sample Location		GWA-15	GWA-16	GWA-17	GWC-1	GWC-2	GWC-3	*GWC-3	GWC-4	*GWC-4
Sample Date		03/04/2024	02/28/2024	02/28/2024	03/01/2024	03/01/2024	03/04/2024	05/20/2024	02/29/2024	05/20/2024
ANALYTE	UNITS									
APPENDIX III										
Boron	mg/L	< 0.022	< 0.022	< 0.022	< 0.022	0.023 J	< 0.022	NA	< 0.022	NA
Calcium	mg/L	3.8	15	9.0	18	18	8.9	NA	31	NA
Chloride	mg/L	5.6	1.6	1.4	4.2	2.5	3.0	NA	21	28
Fluoride	mg/L	< 0.040	< 0.040	< 0.040	< 0.20	< 0.20	< 0.040	NA	< 0.40	NA
pH, Field	SU	5.24	6.49	6.41	6.71	6.50	6.11	5.90	6.31	6.08
Sulfate	mg/L	2.8	< 0.40	< 0.40	0.79 J	1.2	10	0.64 J	84	NA
TDS	mg/L	41	100	85	150	140	99	NA	260	NA
STATE PARAMETERS										
Antimony	mg/L	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	0.0013 J	NA	< 0.00034	NA
Arsenic	mg/L	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	NA	< 0.00086	NA
Barium	mg/L	0.010	0.030	0.032	0.048	0.046	0.019	NA	0.10	NA
Beryllium	mg/L	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	NA	< 0.00020	NA
Cadmium	mg/L	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078	NA	< 0.000078	NA
Chromium	mg/L	< 0.0012	0.0071	0.0096	0.014	0.011	0.014	NA	0.0038	NA
Cobalt	mg/L	0.0026	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	NA	< 0.00022	NA
Copper	mg/L	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	NA	< 0.0011	NA
Lead	mg/L	< 0.00021	< 0.00021	< 0.00021	0.00028 J	< 0.00021	< 0.00021	NA	< 0.00021	NA
Mercury	mg/L	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080	NA	< 0.000080	NA
Nickel	mg/L	< 0.00042	< 0.00042	< 0.00042	0.00096 J	0.0018	0.0014	NA	0.0015	NA
Selenium	mg/L	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099	NA	0.0042 J	NA
Silver	mg/L	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039	NA	< 0.00039	NA
Thallium	mg/L	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	NA	< 0.00026	NA
Vanadium	mg/L	0.00066 J	0.0087	0.0056	0.018	0.015	0.0051	NA	0.0049	NA
Zinc	mg/L	< 0.0028	< 0.0028	< 0.0028	0.0040 J	< 0.0028	< 0.0028	NA	< 0.0028	NA
Additional Parameters										
Bicarbonate Alkalinity as CaCO3	mg/L	39	72	59	100	96	44	NA	63	NA
Carbonate Alkalinity as CaCO3	mg/L	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	< 5.0	NA
Total Alkalinity as CaCO3	mg/L	39	72	59	100	96	44	NA	63	NA
Magnesium	mg/L	2.0	4.9	3.6	8.9	8.5	4.8	NA	19	NA
Potassium	mg/L	0.14 J	1.1	1.1	0.97	1.3	2.6	NA	1.8	NA
Sodium	mg/L	5.1	11	10	11	9.6	6.4	NA	15	NA

Notes:

mg/L - milligrams per liter; SU - Standard Units

NA - Indicates not analyzed

< indicates the substance was not detected above the method detection limit (MDL). The value displayed is the MDL.

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

* Indicates the analyte was resampled on May 7 or May 20, 2024. Both the original and resample results are shown.

Table 5A
Groundwater Analytical Data Summary - February-March and May 2024
Gypsum Cell 1 Wells
Georgia Power Company
Plant Scherer - Cell 1 and PAC Ash Cell
Monroe County, GA

Sample Location		GWC-5	GWC-6	*GWC-6	GWC-7	*GWC-7	GWC-8A	GWC-9	GWC-10	*GWC-10
Sample Date		02/29/2024	02/29/2024	05/20/2024	02/29/2024	05/07/2024	02/29/2024	03/01/2024	03/01/2024	05/20/2024
ANALYTE	UNITS									
APPENDIX III										
Boron	mg/L	0.17	< 0.022	NA	< 0.022	NA	0.15	0.085	< 0.022	NA
Calcium	mg/L	30	20	14	17	17	49	20	20	NA
Chloride	mg/L	8.2	7.0	NA	4.8	NA	8.1	5.2	5.0	NA
Fluoride	mg/L	< 0.40	< 0.20	NA	< 0.20	NA	< 0.20	< 0.20	< 0.20	NA
pH, Field	SU	6.25	6.37	6.16	6.57	6.30	6.52	6.82	6.47	6.28
Sulfate	mg/L	75	25	18	1.5	NA	18	17	4.7	3.9
TDS	mg/L	190	160	NA	130	NA	270	160	150	NA
STATE PARAMETERS										
Antimony	mg/L	< 0.00034	< 0.00034	NA	< 0.00034	NA	< 0.00034	< 0.00034	< 0.00034	NA
Arsenic	mg/L	< 0.00086	< 0.00086	NA	< 0.00086	NA	0.00089 J	< 0.00086	< 0.00086	NA
Barium	mg/L	0.042	0.060	NA	0.041	NA	0.042	0.026	0.036	NA
Beryllium	mg/L	< 0.00020	< 0.00020	NA	< 0.00020	NA	< 0.00020	< 0.00020	< 0.00020	NA
Cadmium	mg/L	< 0.000078	< 0.000078	NA	< 0.000078	NA	< 0.000078	< 0.000078	< 0.000078	NA
Chromium	mg/L	0.0074	0.0051	NA	0.012	NA	< 0.0012	0.0092	0.019	NA
Cobalt	mg/L	< 0.00022	< 0.00022	NA	< 0.00022	NA	0.0031	< 0.00022	< 0.00022	NA
Copper	mg/L	< 0.0011	< 0.0011	NA	< 0.0011	NA	< 0.0011	< 0.0011	< 0.0011	NA
Lead	mg/L	< 0.00021	< 0.00021	NA	< 0.00021	NA	0.00021 J	< 0.00021	< 0.00021	NA
Mercury	mg/L	< 0.000080	< 0.000080	NA	< 0.000080	NA	< 0.000080	< 0.000080	< 0.000080	NA
Nickel	mg/L	0.00049 J	0.00098 J	NA	< 0.00042	NA	0.0055	0.00086 J	0.0048	0.0016
Selenium	mg/L	0.0018 J	< 0.00099	NA	< 0.00099	NA	< 0.00099	< 0.00099	< 0.00099	NA
Silver	mg/L	< 0.00039	< 0.00039	NA	< 0.00039	NA	< 0.00039	< 0.00039	< 0.00039	NA
Thallium	mg/L	< 0.00026	< 0.00026	NA	< 0.00026	NA	< 0.00026	< 0.00026	< 0.00026	NA
Vanadium	mg/L	0.0029	0.0093	NA	0.013	NA	< 0.00063	0.016	0.013	NA
Zinc	mg/L	< 0.0028	< 0.0028	NA	< 0.0028	NA	< 0.0028	< 0.0028	< 0.0028	NA
Additional Parameters										
Bicarbonate Alkalinity as CaCO3	mg/L	73	81	NA	82	NA	230	88	99	NA
Carbonate Alkalinity as CaCO3	mg/L	< 5.0	< 5.0	NA	< 5.0	NA	< 5.0	< 5.0	< 5.0	NA
Total Alkalinity as CaCO3	mg/L	73	81	NA	82	NA	230	88	99	NA
Magnesium	mg/L	16	9.6	NA	8.0	NA	24	9.3	9.8	NA
Potassium	mg/L	1.1	1.8	NA	1.2	NA	2.3	1.2	1.0	NA
Sodium	mg/L	14	11	NA	9.5	NA	15	9.3	8.3	NA

Notes:

mg/L - milligrams per liter; SU - Standard Units

NA - Indicates not analyzed

< indicates the substance was not detected above the method detection limit (MDL). The value displayed is the MDL.

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

* Indicates the analyte was resampled on May 7 or May 20, 2024. Both the original and resample results are shown.

Table 5A
Groundwater Analytical Data Summary - February-March and May 2024
Gypsum Cell 1 Wells
Georgia Power Company
Plant Scherer - Cell 1 and PAC Ash Cell
Monroe County, GA

Sample Location		GWC-11	GWC-12	GWC-13	GWC-14	*GWC-14	GWC-18	GWC-19	GWC-20	*GWC-20
Sample Date		02/29/2024	02/29/2024	03/01/2024	03/01/2024	05/07/2024	02/29/2024	02/29/2024	03/01/2024	05/07/2024
ANALYTE	UNITS									
APPENDIX III										
Boron	mg/L	< 0.022	0.024 J	< 0.022	< 0.022	NA	< 0.022	< 0.022	0.025 J	NA
Calcium	mg/L	14	1.4	7.6	7.6	NA	11	19	17	NA
Chloride	mg/L	2.2	2.3	1.8	4.7	NA	3.2	3.1	2.5	NA
Fluoride	mg/L	< 0.20	< 0.20	< 0.20	< 0.20	NA	< 0.20	< 0.20	< 0.20	NA
pH, Field	SU	6.26	5.24	5.90	5.55	5.55	6.51	6.33	6.73	6.50
Sulfate	mg/L	< 0.50	< 0.50	1.2	< 0.50	NA	1.8	< 0.50	0.68 J	NA
TDS	mg/L	110	32	74	63	NA	96	130	130	NA
APPENDIX IV										
Antimony	mg/L	< 0.00034	< 0.00034	< 0.00034	< 0.00034	NA	< 0.00034	< 0.00034	< 0.00034	NA
Arsenic	mg/L	< 0.00086	< 0.00086	< 0.00086	< 0.00086	NA	< 0.00086	< 0.00086	< 0.00086	NA
Barium	mg/L	0.020	0.019	0.039	0.012	NA	0.037	0.033	0.036	NA
Beryllium	mg/L	< 0.00020	< 0.00020	< 0.00020	< 0.00020	NA	< 0.00020	< 0.00020	< 0.00020	NA
Cadmium	mg/L	< 0.000078	< 0.000078	< 0.000078	< 0.000078	NA	< 0.000078	< 0.000078	< 0.000078	NA
Chromium	mg/L	0.0086	0.0021	0.0059	0.0022	NA	0.013	0.015	0.0088	NA
Cobalt	mg/L	< 0.00022	0.00027 J	< 0.00022	< 0.00022	NA	< 0.00022	< 0.00022	< 0.00022	NA
Copper	mg/L	< 0.0011	< 0.0011	< 0.0011	< 0.0011	NA	< 0.0011	< 0.0011	< 0.0011	NA
Lead	mg/L	0.0012	< 0.00021	< 0.00021	< 0.00021	NA	< 0.00021	< 0.00021	< 0.00021	NA
Mercury	mg/L	< 0.000080	< 0.000080	< 0.000080	< 0.000080	NA	< 0.000080	< 0.000080	< 0.000080	NA
Nickel	mg/L	0.00099 J	0.00092 J	0.00059 J	0.0081	< 0.00042	< 0.00042	0.00067 J	0.00059 J	NA
Selenium	mg/L	< 0.00099	< 0.00099	< 0.00099	< 0.00099	NA	< 0.00099	< 0.00099	< 0.00099	NA
Silver	mg/L	< 0.00039	< 0.00039	< 0.00039	< 0.00039	NA	< 0.00039	< 0.00039	< 0.00039	NA
Thallium	mg/L	< 0.00026	< 0.00026	< 0.00026	< 0.00026	NA	< 0.00026	< 0.00026	< 0.00026	NA
Vanadium	mg/L	0.011	< 0.00063	0.0011 J	< 0.00063	NA	0.0069	0.0078	0.019	NA
Zinc	mg/L	0.0036 J	< 0.0028	< 0.0028	0.024	< 0.0028	0.0032 J	< 0.0028	< 0.0028	NA
Additional Parameters										
Bicarbonate Alkalinity as CaCO3	mg/L	73	12	52	37	NA	66	97	86	NA
Carbonate Alkalinity as CaCO3	mg/L	< 5.0	< 5.0	< 5.0	< 5.0	NA	< 5.0	< 5.0	< 5.0	NA
Total Alkalinity as CaCO3	mg/L	73	12	52	37	NA	66	97	86	NA
Magnesium	mg/L	7.3	1.0	4.7	3.8	NA	5.2	9.5	7.5	NA
Potassium	mg/L	0.85	0.37 J	0.56	0.49 J	NA	0.78	1.4	1.2	NA
Sodium	mg/L	5.3	3.0	6.4	3.5	NA	7.9	10	7.5	NA

Notes:

mg/L - milligrams per liter; SU - Standard Units

NA - Indicates not analyzed

< indicates the substance was not detected above the method detection limit (MDL). The value displayed is the MDL.

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

* Indicates the analyte was resampled on May 7 or May 20, 2024. Both the original and resample results are shown.

Table 5B
Groundwater Analytical Data Summary - August and November 2024
Gypsum Cell 1 Wells
Georgia Power Company
Plant Scherer - Cell 1 and PAC Ash Cell
Monroe County, GA

Sample Location		GWA-15	GWA-16	GWA-17	GWC-1	GWC-2	*GWC-2	GWC-3	*GWC-3	GWC-4
Sample Date		08/06/2024	08/06/2024	08/06/2024	08/06/2024	08/06/2024	11/07/2024	08/07/2024	11/07/2024	08/07/2024
ANALYTE	UNITS									
APPENDIX III										
Boron	mg/L	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	NA	< 0.022	NA	0.13
Calcium	mg/L	4.2	15	9.0	18	19	NA	10	NA	29
Chloride	mg/L	6.0	1.7	1.4	3.5	2.2	NA	2.7	NA	19
Fluoride	mg/L	< 0.040	< 0.040	< 0.040	0.079 J	0.049 J	NA	0.059 J	NA	< 0.080
pH, Field	SU	5.48	6.35	6.21	6.61	6.70	6.45	5.84	6.00	6.12
Sulfate	mg/L	1.3	< 0.40	< 0.40	< 0.40	0.43 J	NA	15	18	73
TDS	mg/L	53	110	86	140	130	NA	100	NA	250
STATE PARAMETERS										
Antimony	mg/L	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	NA	< 0.00034	NA	< 0.00034
Arsenic	mg/L	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	NA	< 0.00086	NA	< 0.00086
Barium	mg/L	0.010	0.031	0.033	0.051	0.052	NA	0.020	NA	0.097
Beryllium	mg/L	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	NA	< 0.00020	NA	< 0.00020
Cadmium	mg/L	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078	NA	< 0.000078	NA	< 0.000078
Chromium	mg/L	< 0.0012	0.0080	0.0086	0.016	0.012	NA	0.018	NA	0.0031
Cobalt	mg/L	0.0010 J	< 0.00022	< 0.00022	< 0.00022	< 0.00022	NA	0.00023 J	NA	< 0.00022
Copper	mg/L	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	NA	< 0.0011	NA	< 0.0011
Lead	mg/L	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	NA	< 0.00021	NA	< 0.00021
Mercury	mg/L	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080	NA	< 0.000080	NA	< 0.000080
Nickel	mg/L	0.00085 J	< 0.00042	< 0.00042	0.00059 J	0.0029	0.0020	0.0016	NA	0.0013
Selenium	mg/L	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099	NA	< 0.00099	NA	0.0045 J
Silver	mg/L	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039	NA	< 0.00039	NA	< 0.00039
Thallium	mg/L	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	NA	< 0.00026	NA	< 0.00026
Vanadium	mg/L	< 0.00063	0.0082	0.0055	0.019	0.016	NA	0.0054	NA	0.0038
Zinc	mg/L	< 0.0028	< 0.0028	< 0.0028	< 0.0028	< 0.0028	NA	0.0028 J	NA	< 0.0028
Additional Parameters										
Bicarbonate Alkalinity as CaCO3	mg/L	22	74	56	97	94	NA	46	NA	62
Carbonate Alkalinity as CaCO3	mg/L	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	< 5.0	NA	< 5.0
Total Alkalinity as CaCO3	mg/L	22	74	56	97	94	NA	46	NA	62
Magnesium	mg/L	2.1	5.1	3.7	9.5	8.8	NA	5.8	NA	17
Potassium	mg/L	0.24 J	1.1	1.1	0.91	1.4	NA	0.74	NA	1.7
Sodium	mg/L	4.9	11	10	9.9	10	NA	6.6	NA	14

Notes:

mg/L - milligrams per liter; SU - Standard Units

NA - Indicates not analyzed

< indicates the substance was not detected above the method detection limit (MDL). The value displayed is the MDL.

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

* Indicates the analyte was resampled on November 6 or November 7, 2024. Both the original and resample results are shown.

Table 5B
Groundwater Analytical Data Summary - August and November 2024
Gypsum Cell 1 Wells
Georgia Power Company
Plant Scherer - Cell 1 and PAC Ash Cell
Monroe County, GA

Sample Location		*GWC-4	GWC-5	GWC-6	*GWC-6	GWC-7	*GWC-7	GWC-8A	GWC-9	*GWC-9
Sample Date		11/06/2024	08/06/2024	08/07/2024	11/06/2024	08/06/2024	11/06/2024	08/06/2024	08/06/2024	11/06/2024
ANALYTE	UNITS									
APPENDIX III										
Boron	mg/L	0.022 J	0.14	0.085	< 0.022	< 0.022	NA	0.19	0.12	NA
Calcium	mg/L	NA	30	16	NA	17	NA	36	22	23
Chloride	mg/L	NA	8.1	5.9	NA	4.9	NA	6.8	5.2	NA
Fluoride	mg/L	NA	< 0.080	0.065 J	NA	0.048 J	NA	< 0.040	0.070 J	NA
pH, Field	SU	6.15	6.00	6.19	6.40	6.25	6.51	6.35	6.47	6.58
Sulfate	mg/L	NA	73	13	NA	1.4	NA	21	22	30
TDS	mg/L	NA	210	150	NA	130	NA	230	170	NA
STATE PARAMETERS										
Antimony	mg/L	NA	< 0.00034	< 0.00034	NA	< 0.00034	NA	< 0.00034	< 0.00034	NA
Arsenic	mg/L	NA	< 0.00086	< 0.00086	NA	< 0.00086	NA	< 0.00086	< 0.00086	NA
Barium	mg/L	NA	0.038	0.047	NA	0.039	NA	0.029	0.030	NA
Beryllium	mg/L	NA	< 0.00020	< 0.00020	NA	< 0.00020	NA	< 0.00020	< 0.00020	NA
Cadmium	mg/L	NA	< 0.000078	< 0.000078	NA	< 0.000078	NA	< 0.000078	< 0.000078	NA
Chromium	mg/L	NA	0.0067	0.0046	NA	0.020	0.020	< 0.0012	0.0084	NA
Cobalt	mg/L	NA	< 0.00022	< 0.00022	NA	< 0.00022	NA	0.0017 J	< 0.00022	NA
Copper	mg/L	NA	< 0.0011	< 0.0011	NA	< 0.0011	NA	< 0.0011	< 0.0011	NA
Lead	mg/L	NA	< 0.00021	< 0.00021	NA	< 0.00021	NA	< 0.00021	< 0.00021	NA
Mercury	mg/L	NA	< 0.000080	< 0.000080	NA	< 0.000080	NA	< 0.000080	< 0.000080	NA
Nickel	mg/L	NA	0.00046 J	0.00083 J	NA	< 0.00042	NA	0.0046	0.00042 J	NA
Selenium	mg/L	NA	0.0029 J	< 0.00099	NA	< 0.00099	NA	< 0.00099	< 0.00099	NA
Silver	mg/L	NA	< 0.00039	< 0.00039	NA	< 0.00039	NA	< 0.00039	< 0.00039	NA
Thallium	mg/L	NA	< 0.00026	< 0.00026	NA	< 0.00026	NA	< 0.00026	< 0.00026	NA
Vanadium	mg/L	NA	0.0023	0.0091	NA	0.013	NA	< 0.00063	0.020	NA
Zinc	mg/L	NA	< 0.0028	< 0.0028	NA	< 0.0028	NA	< 0.0028	< 0.0028	NA
Additional Parameters										
Bicarbonate Alkalinity as CaCO3	mg/L	NA	66	76	NA	81	NA	160	84	NA
Carbonate Alkalinity as CaCO3	mg/L	NA	< 5.0	< 5.0	NA	< 5.0	NA	< 5.0	< 5.0	NA
Total Alkalinity as CaCO3	mg/L	NA	66	76	NA	81	NA	160	84	NA
Magnesium	mg/L	NA	16	7.7	NA	8.2	NA	17	11	NA
Potassium	mg/L	NA	1.1	1.4	NA	1.2	NA	1.9	1.4	NA
Sodium	mg/L	NA	14	9.7	NA	9.6	NA	11	9.6	NA

Notes:

mg/L - milligrams per liter; SU - Standard Units

NA - Indicates not analyzed

< indicates the substance was not detected above the method detection limit (MDL). The value displayed is the MDL.

J - The result is an estimated concentration. "J" qualifiers are applied by the laboratory when the concentration reported is above the method detection limit,

but below the laboratory reporting limit.

* Indicates the analyte was resampled on November 6 or November 7, 2024. Both the original and resample results are shown.

Table 5B
Groundwater Analytical Data Summary - August and November 2024
Gypsum Cell 1 Wells
Georgia Power Company
Plant Scherer - Cell 1 and PAC Ash Cell
Monroe County, GA

Sample Location	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20	
Sample Date	08/06/2024	08/06/2024	08/06/2024	08/06/2024	08/08/2024	08/06/2024	08/06/2024	08/06/2024	
ANALYTE	UNITS								
APPENDIX III									
Boron	mg/L	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022
Calcium	mg/L	19	13	1.1	7.4	8.3	11	20	17
Chloride	mg/L	5.2	1.9	2.0	1.5	4.4	2.8	2.8	2.3
Fluoride	mg/L	0.064 J	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040
pH, Field	SU	6.22	6.11	5.26	5.95	5.56	6.30	6.26	6.41
Sulfate	mg/L	4.4	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40
TDS	mg/L	140	100	28	78	65	95	130	120
STATE PARAMETERS									
Antimony	mg/L	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034
Arsenic	mg/L	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086
Barium	mg/L	0.034	0.017	0.018	0.036	0.013	0.037	0.035	0.037
Beryllium	mg/L	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020
Cadmium	mg/L	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078
Chromium	mg/L	0.018	0.0072	0.0014 J	0.0045	< 0.0012	0.013	0.015	0.0088
Cobalt	mg/L	< 0.00022	< 0.00022	0.00029 J	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022
Copper	mg/L	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011
Lead	mg/L	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021
Mercury	mg/L	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080
Nickel	mg/L	0.0025	0.00086 J	0.00090 J	0.00046 J	< 0.00042	< 0.00042	0.00053 J	< 0.00042
Selenium	mg/L	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099
Silver	mg/L	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039
Thallium	mg/L	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026
Vanadium	mg/L	0.010	0.0089	< 0.00063	< 0.00063	< 0.00063	0.0066	0.0075	0.017
Zinc	mg/L	< 0.0028	0.0033 J	0.0028 J	0.0030 J	< 0.0028	< 0.0028	< 0.0028	< 0.0028
Additional Parameters									
Bicarbonate Alkalinity as CaCO3	mg/L	100	70	9.6	51	36	66	100	90
Carbonate Alkalinity as CaCO3	mg/L	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Total Alkalinity as CaCO3	mg/L	100	70	9.6	51	36	66	100	90
Magnesium	mg/L	9.7	6.4	0.89	4.6	4.3	5.4	9.7	7.5
Potassium	mg/L	0.93	0.74	0.30 J	0.55	0.55	0.77	1.4	1.1
Sodium	mg/L	8.2	4.6	2.5	6.2	3.9	7.9	10	7.4

Notes:

mg/L - milligrams per liter; SU - Standard Units

NA - Indicates not analyzed

< indicates the substance was not detected above the method detection limit (MDL). The value displayed is the MDL.

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

* Indicates the analyte was resampled on November 6 or November 7, 2024. Both the original and resample results are shown.

Table 5C
Groundwater Analytical Data Summary - February-March and May 2024
Powdered Activated Carbon (PAC) Ash Cell Wells
Georgia Power Company
Plant Scherer - Cell 1 and PAC Ash Cell
Monroe County, GA

Sample Location		GWA-21	GWA-22	GWA-45	GWA-46	GWA-47	GWA-48	GWA-49	GWC-29	GWC-50
Sample Date		02/29/2024	03/04/2024	03/04/2024	03/04/2024	03/04/2024	03/04/2024	03/04/2024	03/04/2024	03/04/2024
ANALYTE	UNITS									
APPENDIX III										
Boron	mg/L	< 0.022	0.033 J	0.98	0.022 J	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022
Calcium	mg/L	6.7	11	25	6.8	15	13	14	18	7.9
Chloride	mg/L	3.7	1.8	14	5.4	1.8	1.8	2.0	3.4	1.9
Fluoride	mg/L	< 0.20	< 0.040	< 0.20	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040
pH, Field	SU	5.80	6.41	6.54	5.94	6.49	6.86	6.96	6.52	5.77
Sulfate	mg/L	2.8	< 0.40	160	0.64 J	0.46 J	1.4	0.66 J	2.1	< 0.40
TDS	mg/L	92	96	310	66	99	100	110	110	68
STATE PARAMETERS										
Antimony	mg/L	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034
Arsenic	mg/L	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086
Barium	mg/L	0.021	0.022	0.057	0.022	0.032	0.015	0.019	0.025	0.014
Beryllium	mg/L	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020
Cadmium	mg/L	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078
Chromium	mg/L	0.0021	0.011	0.0016 J	0.0048	0.010	0.0063	0.0060	0.0012 J	0.0042
Cobalt	mg/L	< 0.00022	< 0.00022	0.00040 J	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022
Copper	mg/L	< 0.0011	0.0025	0.0068	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011
Lead	mg/L	0.00023 J	0.0020	< 0.00021	< 0.00021	< 0.00021	< 0.00021	0.00043 J	< 0.00021	< 0.00021
Mercury	mg/L	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080
Nickel	mg/L	0.00097 J	0.00055 J	0.0011	< 0.00042	< 0.00042	< 0.00042	< 0.00042	0.0028	0.0029
Selenium	mg/L	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099
Silver	mg/L	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039
Thallium	mg/L	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026
Vanadium	mg/L	0.0025	0.0081	0.0024	0.0028	0.0078	0.018	0.018	0.0045	0.0025
Zinc	mg/L	< 0.0028	0.0059	0.0035 J	< 0.0028	< 0.0028	< 0.0028	< 0.0028	< 0.0028	< 0.0028
Additional Parameters										
Bicarbonate Alkalinity as CaCO3	mg/L	43	63	34	36	75	65	78	93	44
Carbonate Alkalinity as CaCO3	mg/L	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Total Alkalinity as CaCO3	mg/L	43	63	34	36	75	65	78	93	44
Magnesium	mg/L	4.4	5.7	8.8	3.1	7.0	5.7	7.2	11	3.7
Potassium	mg/L	0.58	0.73	3.2	0.78	0.96	0.91	0.72	0.59	0.44 J
Sodium	mg/L	7.9	5.3	51	4.5	7.9	5.8	5.9	5.5	5.0

Notes:

mg/L - milligrams per liter; SU - Standard Units

NA - Indicates not analyzed

< indicates the substance was not detected above the method detection limit (MDL). The value displayed is the MDL.

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

* Indicates the analyte was resampled on May 20, 2024. Both the original and resample results are shown.

Table 5C
Groundwater Analytical Data Summary - February-March and May 2024
Powdered Activated Carbon (PAC) Ash Cell Wells
Georgia Power Company
Plant Scherer - Cell 1 and PAC Ash Cell
Monroe County, GA

Sample Location		GWC-51	GWC-52	GWC-53	*GWC-53
Sample Date		03/04/2024	03/04/2024	03/04/2024	05/20/2024
ANALYTE	UNITS				
APPENDIX III					
Boron	mg/L	0.036 J	0.023 J	0.97	NA
Calcium	mg/L	8.1	28	19	NA
Chloride	mg/L	8.4	8.1	15	13
Fluoride	mg/L	< 0.040	< 0.080	< 0.20	NA
pH, Field	SU	5.85	7.01	5.90	5.61
Sulfate	mg/L	2.9	90	180	NA
TDS	mg/L	86	200	310	NA
STATE PARAMETERS					
Antimony	mg/L	< 0.00034	< 0.00034	< 0.00034	NA
Arsenic	mg/L	< 0.00086	< 0.00086	< 0.00086	NA
Barium	mg/L	0.011	0.025	0.036	NA
Beryllium	mg/L	< 0.00020	< 0.00020	< 0.00020	NA
Cadmium	mg/L	< 0.000078	< 0.000078	< 0.000078	NA
Chromium	mg/L	0.0064	0.033	0.0013 J	NA
Cobalt	mg/L	< 0.00022	< 0.00022	0.0067	NA
Copper	mg/L	< 0.0011	< 0.0011	< 0.0011	NA
Lead	mg/L	< 0.00021	< 0.00021	< 0.00021	NA
Mercury	mg/L	< 0.000080	< 0.000080	< 0.000080	NA
Nickel	mg/L	0.0024	< 0.00042	0.0077	NA
Selenium	mg/L	< 0.00099	< 0.00099	< 0.00099	NA
Silver	mg/L	< 0.00039	< 0.00039	< 0.00039	NA
Thallium	mg/L	< 0.00026	< 0.00026	< 0.00026	NA
Vanadium	mg/L	0.0041	0.0098	0.00066 J	NA
Zinc	mg/L	< 0.0028	< 0.0028	0.013	NA
Additional Parameters					
Bicarbonate Alkalinity as CaCO3	mg/L	41	44	8.8	NA
Carbonate Alkalinity as CaCO3	mg/L	< 5.0	< 5.0	< 5.0	NA
Total Alkalinity as CaCO3	mg/L	41	44	8.8	NA
Magnesium	mg/L	5.3	15	12	NA
Potassium	mg/L	0.34 J	1.5	1.4	NA
Sodium	mg/L	4.6	9.6	54	NA

Notes:

mg/L - milligrams per liter; SU - Standard Units

NA - Indicates not analyzed

< indicates the substance was not detected above the method detection limit (MDL). The value displayed is the MDL.

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

* Indicates the analyte was resampled on May 20, 2024. Both the original and resample results are shown.

Table 5D
Groundwater Analytical Data Summary - August and November 2024
Powdered Activated Carbon (PAC) Ash Cell Wells
Georgia Power Company
Plant Scherer - Cell 1 and PAC Ash Cell
Monroe County, GA

Sample Location		GWA-21	GWA-22	GWA-45	*GWA-45	GWA-46	GWA-47	GWA-48	GWA-49
Sample Date		08/06/2024	08/08/2024	08/08/2024	11/07/2024	08/08/2024	08/08/2024	08/08/2024	08/09/2024
ANALYTE	UNITS								
APPENDIX III									
Boron	mg/L	< 0.022	< 0.022	1.2	NA	< 0.022	< 0.022	< 0.022	0.022 J
Calcium	mg/L	6.0	7.8	20	NA	6.9	17	13	16
Chloride	mg/L	3.2	1.9	27	13	5.5	1.7	1.8	2.0
Fluoride	mg/L	< 0.040	< 0.040	< 0.40	NA	< 0.040	< 0.040	< 0.040	< 0.040
pH, Field	SU	5.76	5.93	5.90	6.19	5.77	6.34	6.72	6.82
Sulfate	mg/L	1.7	< 0.40	300	160	< 0.40	< 0.40	0.66 J	< 0.40
TDS	mg/L	87	73	290	NA	67	100	94	110
STATE PARAMETERS									
Antimony	mg/L	< 0.00034	< 0.00034	< 0.00034	NA	< 0.00034	< 0.00034	< 0.00034	< 0.00034
Arsenic	mg/L	< 0.00086	0.00088 J	0.0011	NA	0.0013	0.0011	0.00089 J	0.0011
Barium	mg/L	0.019	0.023	0.048	NA	0.024	0.038	0.015	0.021
Beryllium	mg/L	< 0.00020	< 0.00020	< 0.00020	NA	< 0.00020	< 0.00020	< 0.00020	< 0.00020
Cadmium	mg/L	< 0.000078	< 0.000078	< 0.000078	NA	< 0.000078	< 0.000078	< 0.000078	< 0.000078
Chromium	mg/L	0.0021	0.013	< 0.0012	NA	0.0060	0.012	0.0061	0.0059
Cobalt	mg/L	0.00056 J	< 0.00022	0.0012 J	NA	< 0.00022	< 0.00022	< 0.00022	< 0.00022
Copper	mg/L	< 0.0011	< 0.0011	< 0.0011	NA	< 0.0011	< 0.0011	< 0.0011	< 0.0011
Lead	mg/L	< 0.00021	< 0.00021	< 0.00021	NA	< 0.00021	< 0.00021	< 0.00021	< 0.00021
Mercury	mg/L	< 0.000080	< 0.000080	< 0.000080	NA	< 0.000080	< 0.000080	< 0.000080	< 0.000080
Nickel	mg/L	0.00096 J	< 0.00042	0.00048 J	NA	< 0.00042	< 0.00042	< 0.00042	< 0.00042
Selenium	mg/L	< 0.00099	< 0.00099	< 0.00099	NA	< 0.00099	< 0.00099	< 0.00099	< 0.00099
Silver	mg/L	< 0.00039	< 0.00039	< 0.00039	NA	< 0.00039	< 0.00039	< 0.00039	< 0.00039
Thallium	mg/L	< 0.00026	< 0.00026	< 0.00026	NA	< 0.00026	< 0.00026	< 0.00026	< 0.00026
Vanadium	mg/L	0.0030	0.0034	0.00075 J	NA	0.0019 J	0.0079	0.018	0.019
Zinc	mg/L	< 0.0028	< 0.0028	0.0046 J	NA	0.0030 J	< 0.0028	< 0.0028	< 0.0028
Additional Parameters									
Bicarbonate Alkalinity as CaCO3	mg/L	37	48	22	NA	34	77	63	77
Carbonate Alkalinity as CaCO3	mg/L	< 5.0	< 5.0	< 5.0	NA	< 5.0	< 5.0	< 5.0	< 5.0
Total Alkalinity as CaCO3	mg/L	37	48	22	NA	34	77	63	77
Magnesium	mg/L	4.0	4.0	9.2	NA	3.5	7.8	6.0	7.8
Potassium	mg/L	0.62	0.84	2.4	NA	0.86	1.2	1.1	0.88
Sodium	mg/L	8.0	5.0	55	NA	4.9	8.7	6.2	6.4

Notes:

mg/L - milligrams per liter; SU - Standard Units

NA - Indicates not analyzed

< indicates the substance was not detected above the method detection limit (MDL). The value displayed is the MDL.

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

* Indicates the analyte was resampled on November 7, 2024. Both the original and resample results are shown.

Table 5D
Groundwater Analytical Data Summary - August and November 2024
Powdered Activated Carbon (PAC) Ash Cell Wells
Georgia Power Company
Plant Scherer - Cell 1 and PAC Ash Cell
Monroe County, GA

Sample Location		GWC-29	GWC-50	GWC-51	GWC-52	GWC-53	*GWC-53
Sample Date		08/08/2024	08/08/2024	08/08/2024	08/08/2024	08/08/2024	11/07/2024
ANALYTE	UNITS						
APPENDIX III							
Boron	mg/L	< 0.022	< 0.022	< 0.022	0.023 J	1.2	NA
Calcium	mg/L	19	7.6	9.0	30	22	NA
Chloride	mg/L	3.2	1.8	8.0	4.3 J	29	14
Fluoride	mg/L	< 0.040	< 0.040	< 0.040	< 0.20	< 0.40	NA
pH, Field	SU	6.14	5.74	5.91	6.54	5.58	5.73
Sulfate	mg/L	1.7	< 0.40	2.8	41	340	180
TDS	mg/L	110	76	84	210	290	NA
STATE PARAMETERS							
Antimony	mg/L	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	NA
Arsenic	mg/L	0.0011	0.0011	< 0.00086	0.0010	0.0011	NA
Barium	mg/L	0.020	0.014	0.012	0.029	0.036	NA
Beryllium	mg/L	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	NA
Cadmium	mg/L	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078	NA
Chromium	mg/L	0.0012 J	0.0037	0.0064	0.033	< 0.0012	NA
Cobalt	mg/L	< 0.00022	< 0.00022	< 0.00022	< 0.00022	0.010	NA
Copper	mg/L	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	NA
Lead	mg/L	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	NA
Mercury	mg/L	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080	NA
Nickel	mg/L	0.0025	0.0030	0.0027	< 0.00042	0.0077	NA
Selenium	mg/L	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099	NA
Silver	mg/L	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039	NA
Thallium	mg/L	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	NA
Vanadium	mg/L	0.0047	0.0021	0.0039	0.0090	< 0.00063	NA
Zinc	mg/L	< 0.0028	< 0.0028	< 0.0028	< 0.0028	0.015	NA
Additional Parameters							
Bicarbonate Alkalinity as CaCO ₃	mg/L	93	45	38	50	9.1	NA
Carbonate Alkalinity as CaCO ₃	mg/L	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA
Total Alkalinity as CaCO ₃	mg/L	93	45	38	50	9.1	NA
Magnesium	mg/L	11	3.6	6.0	16	13	NA
Potassium	mg/L	0.80	0.53	0.47 J	1.7	1.7	NA
Sodium	mg/L	6.3	5.0	5.2	10	57	NA

Notes:

mg/L - milligrams per liter; SU - Standard Units

NA - Indicates not analyzed

< indicates the substance was not detected above the method detection limit (MDL). The value displayed is the MDL.

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

* Indicates the analyte was resampled on November 7, 2024. Both the original and resample results are shown.

Table 5E
Groundwater Analytical Data Summary - February 2024
Cell 3 Wells
Georgia Power Company
Plant Scherer - Cell 1 and PAC Ash Cell
Monroe County, GA

Sample Location		GWA-39	GWA-40	GWA-41	GWA-42	GWA-43	GWA-44A	GWA-54	GWC-30	GWC-31
Sample Date		02/26/2024	02/26/2024	02/26/2024	02/26/2024	02/22/2024	02/22/2024	02/26/2024	02/22/2024	02/22/2024
ANALYTE	UNITS									
APPENDIX III										
Boron	mg/L	0.25	0.055 J	0.044 J	< 0.022	< 0.022	< 0.022	0.040 J	< 0.022	< 0.022
Calcium	mg/L	22	9.3	17	23	28	23	11	22	19
Chloride	mg/L	1.7	1.2	3.4	4.0	5.2	7.3	3.7	8.5	4.7
Fluoride	mg/L	< 0.20	< 0.20	< 0.20	< 0.20	< 0.40	< 0.20	< 0.20	< 0.20	0.22 J
pH, Field	SU	6.97	5.87	6.17	6.42	6.54	6.61	6.37	6.47	6.77
Sulfate	mg/L	3.6	3.5	1.5	2.3	2.1	2.1	6.3	8.5	3.7
TDS	mg/L	150	71	140	170	180	130	130	150	150
STATE PARAMETERS										
Antimony	mg/L	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034
Arsenic	mg/L	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086
Barium	mg/L	0.035	0.065	0.017	0.086	0.056	0.052	0.10	0.030	0.016
Beryllium	mg/L	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020
Cadmium	mg/L	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078
Chromium	mg/L	0.0084	< 0.0012	0.0069	0.0023	< 0.0012	0.089	< 0.0012	0.0038	0.0041
Cobalt	mg/L	< 0.00022	0.014	0.00060 J	< 0.00022	0.0088	0.00039 J	0.0028	< 0.00022	< 0.00022
Copper	mg/L	0.0018 J	< 0.0011	< 0.0011	< 0.0011	< 0.0011	0.0013 J	0.0011 J	0.0011 J	< 0.0011
Lead	mg/L	0.00021 J	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	0.00039 J
Mercury	mg/L	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080
Nickel	mg/L	0.0014	0.015	0.0030	0.0018	0.0033	0.021	0.0018	0.0030	< 0.00042
Selenium	mg/L	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099
Silver	mg/L	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039
Thallium	mg/L	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026
Vanadium	mg/L	0.025	0.00067 J	0.0089	0.0087	< 0.00063	0.011	0.0012 J	0.0092	0.015
Zinc	mg/L	0.0051	0.011	< 0.0028	0.0072	< 0.0028	< 0.0028	0.072	< 0.0028	< 0.0028
APPENDIX IV										
Combined Radium 226 + 228	pCi/L	0.0977 U	0.392 U	0.156 U	0.135 U	0.246 U	0.254 U	0.496	0.382 U	0.500 U
Lithium	mg/L	< 0.0020	< 0.0020	0.0066	0.0038 J	< 0.0020	< 0.0020	< 0.0020	0.0026 J	< 0.0020
Molybdenum	mg/L	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	0.0016 J	0.0044 J	< 0.00086	< 0.00086

Notes:

mg/L - milligrams per liter; pCi/L - picocuries per liter; SU - Standard Units

NA - Indicates not analyzed

< indicates the substance was not detected above the method detection limit (MDL). The value displayed is the MDL.

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

Radium data are a combination of radium isotopes 226 and 228. When results are reported below the MDC (Minimum Detectable Concentration), data is displayed with an accompanying U.

The MDC varies depending upon the sample amount and elapsed time of the measurement.

Table 5E
Groundwater Analytical Data Summary - February 2024
Cell 3 Wells
Georgia Power Company
Plant Scherer - Cell 1 and PAC Ash Cell
Monroe County, GA

Sample Location		GWC-32	GWC-33A	GWC-34	GWC-35	GWC-36	GWC-37	GWC-38
Sample Date		02/22/2024	02/22/2024	02/26/2024	02/22/2024	02/22/2024	02/22/2024	02/22/2024
ANALYTE	UNITS							
APPENDIX III								
Boron	mg/L	< 0.022	< 0.022	0.083	0.47	< 0.022	< 0.022	< 0.022
Calcium	mg/L	17	17	12	28	15	15	17
Chloride	mg/L	3.1	2.5	3.0	18	6.1	1.8	2.6
Fluoride	mg/L	< 0.20	< 0.20	< 0.20	< 0.40	< 0.20	< 0.20	< 0.20
pH, Field	SU	6.36	6.48	6.25	6.55	5.99	6.37	6.72
Sulfate	mg/L	5.1	< 0.50	2.2	110	< 0.50	0.58 J	3.7
TDS	mg/L	130	120	110	240	100	100	120
STATE PARAMETERS								
Antimony	mg/L	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034
Arsenic	mg/L	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086
Barium	mg/L	0.021	0.029	0.033	0.039	0.065	0.046	0.032
Beryllium	mg/L	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020
Cadmium	mg/L	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078
Chromium	mg/L	0.0041	0.0082	0.013	0.0012 J	0.019	0.024	0.011
Cobalt	mg/L	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022
Copper	mg/L	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011
Lead	mg/L	< 0.00021	< 0.00021	< 0.00021	< 0.00021	0.00038 J	< 0.00021	< 0.00021
Mercury	mg/L	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080
Nickel	mg/L	0.0023	0.00073 J	0.00043 J	0.00088 J	0.0023	0.0011	0.00055 J
Selenium	mg/L	< 0.00099	< 0.00099	< 0.00099	0.0011 J	< 0.00099	< 0.00099	< 0.00099
Silver	mg/L	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039
Thallium	mg/L	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026
Vanadium	mg/L	0.0080	0.015	0.0082	0.0073	0.0013 J	0.0068	0.012
Zinc	mg/L	< 0.0028	< 0.0028	< 0.0028	< 0.0028	0.0062	0.0043 J	0.0065
APPENDIX IV								
Combined Radium 226 + 228	pCi/L	0.392 U	-0.00535 U	0.225 U	0.164 U	-0.115 U	-0.208 U	0.291 U
Lithium	mg/L	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	0.0031 J	< 0.0020
Molybdenum	mg/L	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086

Notes:

mg/L - milligrams per liter; pCi/L - picocuries per liter; SU - Standard Units

NA - Indicates not analyzed

< indicates the substance was not detected above the method detection limit (MDL). The value displayed is the MDL.

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

Radium data are a combination of radium isotopes 226 and 228. When results are reported below the MDC (Minimum Detectable Concentration), data is displayed with an accompanying U.

The MDC varies depending upon the sample amount and elapsed time of the measurement.

Table 5F
Groundwater Analytical Data Summary - August 2024
Cell 3 Wells
Georgia Power Company
Plant Scherer - Cell 1 and PAC Ash Cell
Monroe County, GA

Sample Location		GWA-39	GWA-40	GWA-41	GWA-42	GWA-43	GWA-44A	GWA-54	GWC-30	GWC-31
Sample Date		08/08/2024	08/08/2024	08/07/2024	08/07/2024	08/07/2024	08/07/2024	08/08/2024	08/07/2024	08/07/2024
ANALYTE	UNITS									
APPENDIX III										
Boron	mg/L	< 0.022	< 0.022	< 0.022	< 0.022	0.026 J	0.055 J	< 0.022	< 0.022	0.033 J
Calcium	mg/L	24	9.1	16	23	21	20	11	21	16
Chloride	mg/L	1.5	1.2	3.2	3.5	4.4	6.4	3.2	7.7	4.0
Fluoride	mg/L	< 0.040	< 0.040	0.046 J	0.058 J	0.056 J	< 0.040	0.055 J	0.056 J	0.11
pH, Field	SU	6.79	5.89	6.05	6.29	6.32	6.49	6.23	6.31	6.7
Sulfate	mg/L	1.3	0.46 J	< 0.40	0.71 J	2.4	1.7	1.6	4.4	2.0
TDS	mg/L	150	64	140	170	170	130	110	160	150
STATE PARAMETERS										
Antimony	mg/L	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034
Arsenic	mg/L	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086
Barium	mg/L	0.033	0.071	0.016	0.083	0.039	0.042	0.11	0.029	0.013
Beryllium	mg/L	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020
Cadmium	mg/L	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078
Chromium	mg/L	0.013	< 0.0012	0.0056	0.0023	< 0.0012	0.0054	< 0.0012	0.0027	0.0029
Cobalt	mg/L	< 0.00022	0.011	0.00065 J	< 0.00022	0.0076	< 0.00022	0.0020 J	< 0.00022	< 0.00022
Copper	mg/L	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	0.0013 J	< 0.0011
Lead	mg/L	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021
Mercury	mg/L	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080
Nickel	mg/L	0.0040	0.015	0.0013	0.0019	0.0044	0.00044 J	0.00070 J	0.0011	< 0.00042
Selenium	mg/L	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099
Silver	mg/L	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039
Thallium	mg/L	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026
Vanadium	mg/L	0.023	0.0012 J	0.0071	0.0076	< 0.00063	0.0082	< 0.00063	0.0097	0.014
Zinc	mg/L	< 0.0028	0.015	< 0.0028	< 0.0028	< 0.0028	< 0.0028	< 0.0028	< 0.0028	< 0.0028
APPENDIX IV										
Combined Radium 226 + 228	pCi/L	0.266 U	0.446 U	0.638	0.496 U	0.346 U	0.300 U	0.341 U	1.41	0.728
Lithium	mg/L	< 0.0020	< 0.0020	< 0.0020	0.0028 J	< 0.0020	0.0025 J	< 0.0020	0.0020 J	< 0.0020
Molybdenum	mg/L	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	0.0020 J	< 0.00086	< 0.00086
ADDITIONAL PARAMETERS										
Bicarbonate Alkalinity as CaCO ₃	mg/L	110	54	90	130	140	93	73	110	100
Carbonate Alkalinity as CaCO ₃	mg/L	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Total Alkalinity as CaCO ₃	mg/L	110	54	90	130	140	93	73	110	100
Magnesium	mg/L	12	6.2	7.1	12	12	8.7	4.2	10	7.9
Potassium	mg/L	1.3	0.80	0.72	1.5	1.2	1.4	3.7	1.2	1.0
Sodium	mg/L	7.2	2.5	12	12	12	6.8	13	10	15

Notes:

mg/L - milligrams per liter; pCi/L - picocuries per liter; SU - Standard Units

< indicates the substance was not detected above the method detection limit (MDL). The value displayed is the MDL.

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

Radium data are a combination of radium isotopes 226 and 228. When results are reported below the MDC (Minimum Detectable Concentration), data is displayed with an accompanying U.

The MDC varies depending upon the sample amount and elapsed time of the measurement.

Table 5F
Groundwater Analytical Data Summary - August 2024
Cell 3 Wells
Georgia Power Company
Plant Scherer - Cell 1 and PAC Ash Cell
Monroe County, GA

Sample Location	GWC-32	GWC-33A	GWC-34	GWC-35	GWC-36	GWC-37	GWC-38	
Sample Date	08/07/2024	08/08/2024	08/08/2024	08/08/2024	08/08/2024	08/08/2024	08/08/2024	
ANALYTE	UNITS							
APPENDIX III								
Boron	mg/L	0.057 J	< 0.022	< 0.022	0.49	< 0.022	< 0.022	< 0.022
Calcium	mg/L	15	16	11	28	14	18	18
Chloride	mg/L	2.8	2.3	1.9	17	5.9	1.7	2.0
Fluoride	mg/L	0.073 J	0.053 J	< 0.040	0.19	< 0.040	0.041 J	0.051 J
pH, Field	SU	6.21	6.35	6.28	6.46	6.18	6.32	6.69
Sulfate	mg/L	2.8	< 0.40	< 0.40	93	< 0.40	< 0.40	2.9
TDS	mg/L	130	120	94	250	110	110	120
STATE PARAMETERS								
Antimony	mg/L	< 0.00034	< 0.00034	< 0.00034	< 0.00034	0.00043 J	< 0.00034	< 0.00034
Arsenic	mg/L	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086
Barium	mg/L	0.020	0.026	0.031	0.032	0.056	0.048	0.038
Beryllium	mg/L	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020
Cadmium	mg/L	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078
Chromium	mg/L	0.0035	0.0069	0.014	0.0012 J	0.016	0.026	0.0095
Cobalt	mg/L	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022
Copper	mg/L	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011
Lead	mg/L	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021
Mercury	mg/L	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080
Nickel	mg/L	0.0015	0.00051 J	< 0.00042	0.00082 J	0.0017	0.0012	0.00056 J
Selenium	mg/L	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099
Silver	mg/L	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039
Thallium	mg/L	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026
Vanadium	mg/L	0.0064	0.013	0.0093	0.0080	0.0019 J	0.0074	0.014
Zinc	mg/L	< 0.0028	< 0.0028	< 0.0028	< 0.0028	0.0041 J	< 0.0028	< 0.0028
APPENDIX IV								
Combined Radium 226 + 228	pCi/L	0.268 U	0.678 U	-0.165 U	0.116 U	0.359 U	0.124 U	0.196 U
Lithium	mg/L	0.0030 J	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Molybdenum	mg/L	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086
ADDITIONAL PARAMETERS								
Bicarbonate Alkalinity as CaCO3	mg/L	82	78	74	76	77	93	89
Carbonate Alkalinity as CaCO3	mg/L	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Total Alkalinity as CaCO3	mg/L	82	78	74	76	77	93	89
Magnesium	mg/L	5.5	5.5	7.5	18	11	11	9.5
Potassium	mg/L	0.53	0.77	0.65	1.3	1.2	0.94	1.0
Sodium	mg/L	10	10	6.0	32	4.6	7.4	7.5

Notes:

mg/L - milligrams per liter; pCi/L - picocuries per liter; SU - Standard Units

< indicates the substance was not detected above the method detection limit (MDL). The value displayed is the MDL.

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

Radium data are a combination of radium isotopes 226 and 228. When results are reported below the MDC (Minimum Detectable Concentration), data is displayed with an accompanying U.

The MDC varies depending upon the sample amount and elapsed time of the measurement.

Table 5G
Surface Water Analytical Data Summary - February 2024
Georgia Power Company
Plant Scherer - Cell 1 and PAC Ash Cell
Monroe County, GA

Sample Location	SWA-1	SWA-2	SWA-3	SWC-4	SWC-5	SWC-6	SWC-7	SWC-8	SWC-9	
Sample Date	02/29/2024	02/26/2024	02/29/2024	02/29/2024	02/29/2024	02/29/2024	02/29/2024	02/29/2024	02/29/2024	
ANALYTE	UNITS									
FIELD MONITORING PARAMETERS										
pH, Field	SU	7.80	7.07	7.09	7.56	--	7.67	7.83	7.19	--
Oxidation Reduction Potential	mV	77.29	-3.04	22.77	14.35	--	39.8	46.1	14.41	--
Specific Conductance	uS/cm	179.9	619.18	254.79	319.83	--	106.96	249.23	397.38	--
Dissolved Oxygen	mg/L	8.97	7.88	9.12	9.73	--	10.27	10.29	8.88	--
Temperature	deg C	10.55	18.21	13.23	13.66	--	11.59	12.15	13.66	--
Turbidity	NTU	9.49	3.75	5.2	5.84	--	7.39	7.22	4.56	--
APPENDIX III										
Boron	mg/L	0.23	1.2	0.47	0.57	--	0.028 J	0.37	0.93	--
Calcium	mg/L	15	37	14	24	--	11	22	28	--
Chloride	mg/L	4.7	14	13	9.4	--	3.0	7.4	12	--
Fluoride	mg/L	< 0.40	< 1.0	< 0.40	< 0.40	--	< 0.20	< 0.40	< 0.40	--
Sulfate	mg/L	42	230	79	96	--	1.3	61	140	--
Total Dissolved Solids	mg/L	120	380	160	200	--	85	160	240	--
STATE REQUIRED INORGANICS										
Chemical Oxygen Demand	mg/L	16	< 5.0	< 5.0	NA	--	NA	7.9 J	NA	--
Cyanide	mg/L	0.0066 J	0.0077 J	0.0079 J	NA	--	NA	0.0082 J	NA	--
Organic Carbon, Total	mg/L	4.7	1.1	0.78 J	NA	--	NA	2.6	NA	--
STATE REQUIRED METALS										
Antimony	mg/L	< 0.00034	< 0.00034	< 0.00034	< 0.00034	--	< 0.00034	< 0.00034	< 0.00034	--
Arsenic	mg/L	< 0.00086	< 0.00086	< 0.00086	< 0.00086	--	< 0.00086	< 0.00086	< 0.00086	--
Barium	mg/L	0.050	0.069	0.047	0.070	--	0.028	0.059	0.064	--
Beryllium	mg/L	< 0.00020	< 0.00020	< 0.00020	< 0.00020	--	< 0.00020	< 0.00020	< 0.00020	--
Cadmium	mg/L	< 0.000078	< 0.000078	< 0.000078	< 0.000078	--	< 0.000078	< 0.000078	< 0.000078	--
Chromium	mg/L	0.0014 J	< 0.0012	0.0012 J	0.0017 J	--	0.0017 J	0.0013 J	< 0.0012	--
Cobalt	mg/L	0.00022 J	0.0054	0.0048	0.0047	--	0.0018 J	0.00043 J	0.0046	--
Copper	mg/L	0.0033	< 0.0011	< 0.0011	0.0017 J	--	< 0.0011	0.0016 J	< 0.0011	--
Lead	mg/L	0.00026 J	< 0.00021	0.00024 J	0.00042 J	--	< 0.00021	< 0.00021	< 0.00021	--
Mercury	mg/L	< 0.000080	< 0.000080	< 0.000080	< 0.000080	--	< 0.000080	< 0.000080	< 0.000080	--
Nickel	mg/L	0.0014	0.0010	0.0011	0.0013	--	0.00074 J	0.00082 J	0.0011	--
Selenium	mg/L	< 0.00099	< 0.00099	< 0.00099	< 0.00099	--	< 0.00099	< 0.00099	< 0.00099	--
Silver	mg/L	< 0.00039	< 0.00039	< 0.00039	< 0.00039	--	< 0.00039	< 0.00039	< 0.00039	--
Thallium	mg/L	< 0.00026	< 0.00026	< 0.00026	< 0.00026	--	< 0.00026	< 0.00026	< 0.00026	--
Vanadium	mg/L	0.0029	0.00077 J	< 0.00063	0.0039	--	0.0023	0.0022	0.00067 J	--
Zinc	mg/L	0.0075	< 0.0028	< 0.0028	0.0037 J	--	< 0.0028	< 0.0028	< 0.0028	--
MAJOR IONS										
Alkalinity Total as CaCO3	mg/L	52	50	35	60	--	62	63	50	--
Bicarbonate Alkalinity as CaCO3	mg/L	52	50	35	60	--	62	63	50	--
Carbonate Alkalinity as CaCO3	mg/L	< 5.0	< 5.0	< 5.0	< 5.0	--	< 5.0	< 5.0	< 5.0	--
Magnesium	mg/L	5.8	21	9.1	13	--	6.0	11	16	--
Potassium	mg/L	2.3	1.2	1.4	1.3	--	1.1	2.1	1.4	--
Sodium	mg/L	13	48	26	27	--	7.3	21	37	--

Notes:

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

-- Indicates location not sampled

NA - Indicates substance not analyzed

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

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

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

Samples from SWC-5 and SWC-9 were not collected as these locations were dry at the time of sampling.

Table 5H
Surface Water Analytical Data Summary - August 2024
Georgia Power Company
Plant Scherer - Cell 1 and PAC Ash Cell
Monroe County, GA

Sample Location		SWA-1	SWA-2	SWA-3	SWC-4	SWC-5	SWC-6	SWC-7	SWC-8	SWC-9
Sample Date		08/07/2024	08/07/2024	08/07/2024	08/07/2024	08/07/2024	08/07/2024	08/07/2024	08/07/2024	08/07/2024
ANALYTE	UNITS									
FIELD MONITORING PARAMETERS										
pH, Field	SU	--	7.46	7.51	7.31	--	7.62	7.66	7.03	--
Oxidation Reduction Potential	mV	--	0.41	-5.43	31.3	--	51.9	54.5	15.4	--
Specific Conductance	uS/cm	--	703.19	252.38	366.15	--	137.38	334.28	490.01	--
Dissolved Oxygen	mg/L	--	7.28	7.85	7.12	--	7.52	6.58	6.47	--
Temperature	deg C	--	27.64	24.83	23.76	--	24.53	24.77	24.87	--
Turbidity	NTU	--	3.29	13.6	3.77	--	549	6.99	3.77	--
APPENDIX III										
Boron	mg/L	--	1.8	0.44	0.65	--	< 0.022	0.50	1.2	--
Calcium	mg/L	--	50	16	27	--	13	26	36	--
Chloride	mg/L	--	14	11	8.6	--	2.4	8.6	1.2	--
Fluoride	mg/L	--	< 0.40	< 0.20	< 0.20	--	< 0.040	< 0.20	< 0.040	--
Sulfate	mg/L	--	280	57	100	--	0.85 J	69	16	--
TDS	mg/L	--	500	170	250	--	110	220	340	--
STATE REQUIRED INORGANICS										
Chemical Oxygen Demand	mg/L	--	9.0 J	< 5.0	NA	--	NA	< 5.0	NA	--
Cyanide	mg/L	--	< 0.0060	< 0.0060	NA	--	NA	< 0.0060	NA	--
Organic Carbon, Total	mg/L	--	1.4	0.79 J	NA	--	NA	1.7	NA	--
STATE REQUIRED METALS										
Antimony	mg/L	--	< 0.00034	< 0.00034	< 0.00034	--	< 0.00034	< 0.00034	< 0.00034	--
Arsenic	mg/L	--	< 0.00086	< 0.00086	< 0.00086	--	< 0.00086	< 0.00086	< 0.00086	--
Barium	mg/L	--	0.079	0.038	0.048	--	0.021	0.055	0.065	--
Beryllium	mg/L	--	< 0.00020	< 0.00020	< 0.00020	--	< 0.00020	< 0.00020	< 0.00020	--
Cadmium	mg/L	--	< 0.000078	< 0.000078	< 0.000078	--	< 0.000078	< 0.000078	< 0.000078	--
Chromium	mg/L	--	< 0.0012	0.0015 J	< 0.0012	--	0.0016 J	< 0.0012	< 0.0012	--
Cobalt	mg/L	--	0.0031	0.0016 J	0.00078 J	--	0.00032 J	0.00027 J	0.0017 J	--
Copper	mg/L	--	< 0.0011	< 0.0011	< 0.0011	--	< 0.0011	< 0.0011	< 0.0011	--
Lead	mg/L	--	< 0.00021	< 0.00021	< 0.00021	--	< 0.00021	< 0.00021	< 0.00021	--
Mercury	mg/L	--	< 0.000080	< 0.000080	< 0.000080	--	< 0.000080	< 0.000080	< 0.000080	--
Nickel	mg/L	--	0.0010	0.00073 J	< 0.00042	--	0.00056 J	0.00048 J	0.00070 J	--
Selenium	mg/L	--	< 0.00099	< 0.00099	< 0.00099	--	< 0.00099	< 0.00099	< 0.00099	--
Silver	mg/L	--	< 0.00039	< 0.00039	< 0.00039	--	< 0.00039	< 0.00039	< 0.00039	--
Thallium	mg/L	--	< 0.00026	< 0.00026	< 0.00026	--	< 0.00026	< 0.00026	< 0.00026	--
Vanadium	mg/L	--	< 0.00063	0.0016 J	0.00082 J	--	0.0046	0.0020	0.00069 J	--
Zinc	mg/L	--	< 0.0028	< 0.0028	< 0.0028	--	< 0.0028	< 0.0028	< 0.0028	--
MAJOR IONS										
Alkalinity Total as CaCO3	mg/L	--	57	51	74	--	97	90	63	--
Bicarbonate Alkalinity as CaCO3	mg/L	--	57	51	74	--	97	90	63	--
Carbonate Alkalinity as CaCO3	mg/L	--	< 5.0	< 5.0	< 5.0	--	< 5.0	< 5.0	< 5.0	--
Magnesium	mg/L	--	26	9.1	14	--	6.6	13	19	--
Potassium	mg/L	--	1.9	1.4	1.5	--	1.4	2.0	1.8	--
Sodium	mg/L	--	62	21	27	--	7.5	23	43	--

Notes:

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

-- Indicates location not sampled

NA - Indicates substance not analyzed

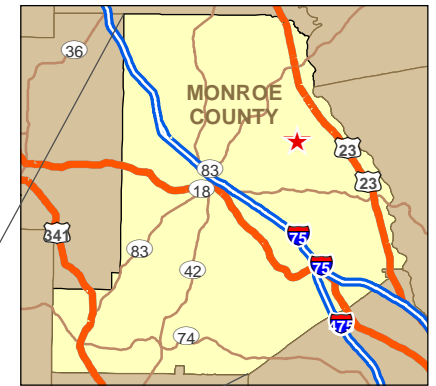
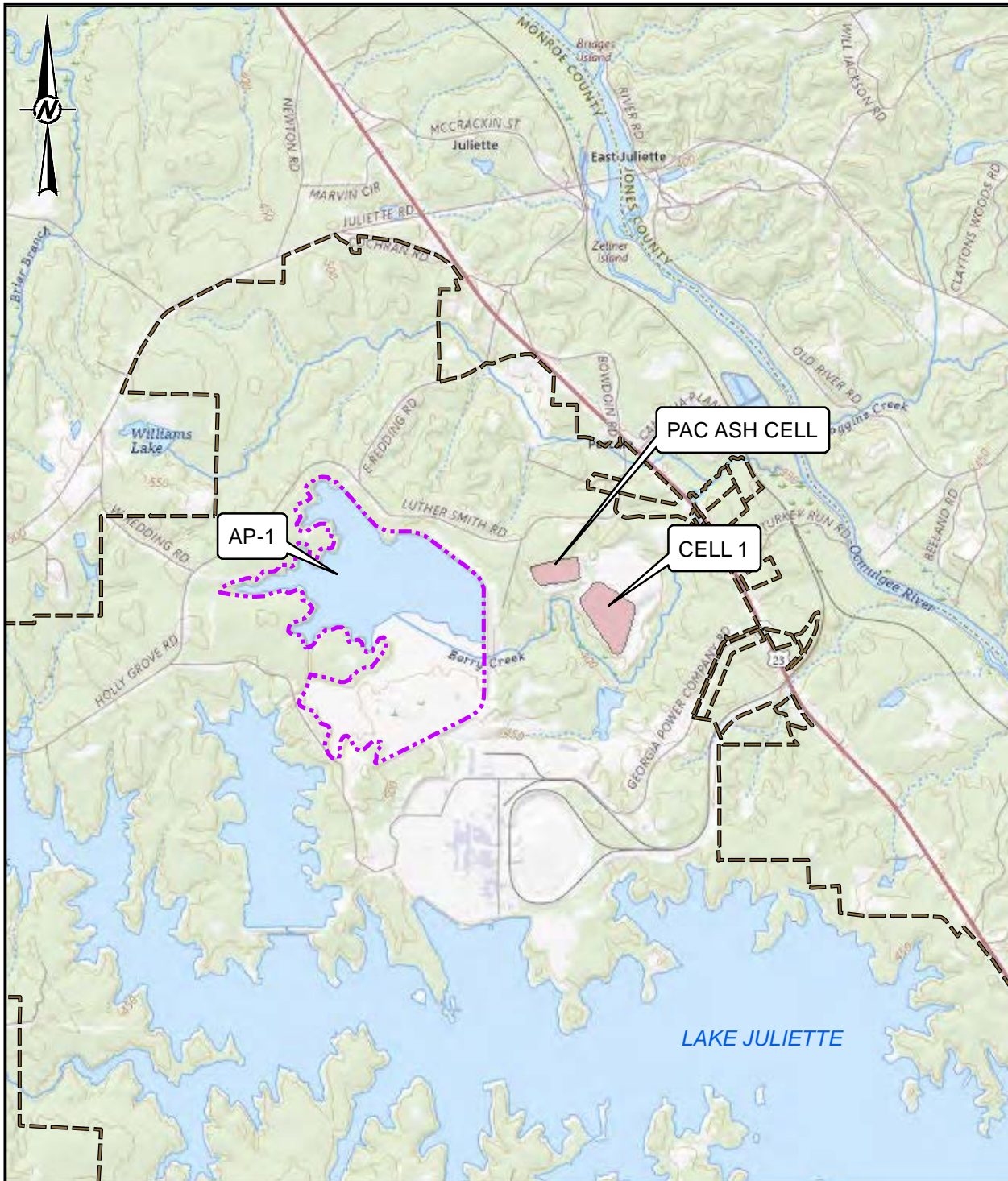
< indicates the substance was not detected above the reporting limit (RL). The value displayed is the RL.

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

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

Samples from SWA-1, SWC-5 and SWC-9 were not collected as these locations were dry at the time of sampling.

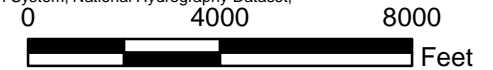
Figures



LEGEND

- PROPERTY BOUNDARY
- AP-1 PERMIT BOUNDARY

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



CLIENT
GEORGIA POWER COMPANY
 PLANT SCHERER
 MONROE COUNTY, GEORGIA



PROJECT
 2024 ANNUAL GROUNDWATER MONITORING
 AND CORRECTIVE ACTION REPORT
 PLANT SCHERER - CELL 1 AND PAC ASH CELL

TITLE
SITE LOCATION MAP

CONSULTANT



YYYY-MM-DD	2024-10-24
PREPARED	RHG
DESIGN	DLP
REVIEW	DLP
APPROVED	RNQ

PROJECT No.
 31406440.022

FIGURE
1

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



LEGEND

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

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

REFERENCE(S)
 1. COORDINATE SYSTEM: NAD 1983 STATE PLANE GEORGIA WEST FIPS 1002 FEET.
 2. BACKGROUND IMAGERY: GOOGLE IMAGERY SERVICE. COPYRIGHT GOOGLE 2023. IMAGERY CAPTURED 12/17/2022.
 3. SITE IMAGERY: IMAGERY PROVIDED BY CLIENT 07/2024.



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 MONROE COUNTY, GEORGIA



PROJECT
 2024 ANNUAL GROUNDWATER MONITORING
 AND CORRECTIVE ACTION REPORT
 PLANT SCHERER - CELL 1 AND PAC ASH CELL

TITLE
**SITE PLAN, MONITORING WELL AND
 PIEZOMETER LOCATION MAP**

CONSULTANT	YYYY-MM-DD	2024-11-20
	DESIGNED	RHG
	PREPARED	RHG
	REVIEWED	RNQ
	APPROVED	RNQ

PROJECT NO. 31406440.022

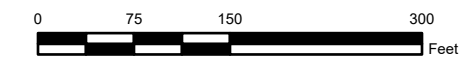
IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B




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

- NOTE(S)**
1. GROUNDWATER ELEVATIONS MEASUREMENTS OBTAINED FEBRUARY 19, 2024 BY WSP STAFF.
 2. GROUNDWATER ELEVATIONS DISPLAYED IN FEET-NORTH AMERICAN VERTICAL DATUM (FT-NAVD 88).
 3. DEEP AND INTERMEDIATE WELL GROUNDWATER ELEVATIONS WERE NOT USED TO GENERATE POTENTIOMETRIC SURFACE CONTOURS.

- REFERENCE(S)**
1. COORDINATE SYSTEM: NAD 1983 STATE PLANE GEORGIA WEST FIPS 1002 FEET.
 2. MONITORING WELL/PIEZOMETER LOCATIONS PROVIDED BY JORDAN ENGINEERING.
 3. SITE IMAGERY: IMAGERY PROVIDED BY CLIENT 07/2024.
 4. BACKGROUND IMAGERY: GOOGLE IMAGERY SERVICE. COPYRIGHT GOOGLE 2023. IMAGERY CAPTURED 12/17/2022.



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 MONROE COUNTY, GEORGIA



PROJECT
 2024 ANNUAL GROUNDWATER MONITORING
 AND CORRECTIVE ACTION REPORT
 PLANT SCHERER - CELL 1 AND PAC ASH CELL

TITLE
POTENTIOMETRIC SURFACE MAP - PAC ASH CELL
FEBRUARY 19, 2024

CONSULTANT	YYYY-MM-DD	2024-11-20
	DESIGNED	RHG
	PREPARED	RHG
	REVIEWED	RNQ
	APPROVED	RNQ

PROJECT NO.
 31406440.022

FIGURE
 3A

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



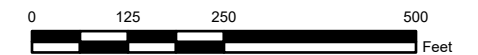
- LEGEND**
- CELL 1 LANDFILL MONITORING WELL
 - PAC ASH LANDFILL MONITORING WELL
 - CELL 3 MONITORING WELL
 - INFERRED POTENTIOMETRIC SURFACE CONTOUR (FT-NAVD 88)
 - STREAM
 - EXISTING TOPOGRAPHY

NOTE(S)

1. GROUNDWATER ELEVATIONS MEASUREMENTS OBTAINED FEBRUARY 19, 2024 BY WSP STAFF.
2. GROUNDWATER ELEVATIONS DISPLAYED IN FEET-NORTH AMERICAN VERTICAL DATUM (FT-NAVD 88).
3. DEEP AND INTERMEDIATE WELL GROUNDWATER ELEVATIONS WERE NOT USED TO GENERATE POTENTIOMETRIC SURFACE CONTOURS.

REFERENCE(S)

1. COORDINATE SYSTEM: NAD 1983 STATE PLANE GEORGIA WEST FIPS 1002 FEET.
2. MONITORING WELL/PIEZOMETER LOCATIONS PROVIDED BY JORDAN ENGINEERING.
3. SITE IMAGERY: IMAGERY PROVIDED BY CLIENT 07/2024.
4. BACKGROUND IMAGERY: GOOGLE IMAGERY SERVICE. COPYRIGHT GOOGLE 2023. IMAGERY CAPTURED 12/17/2022.



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 MONROE COUNTY, GEORGIA



PROJECT
**2024 ANNUAL GROUNDWATER MONITORING
 AND CORRECTIVE ACTION REPORT
 PLANT SCHERER - CELL 1 AND PAC ASH CELL**

TITLE
**POTENTIOMETRIC SURFACE MAP - CELL 1
 FEBRUARY 19, 2024**

CONSULTANT	DATE	REVISION
	YYYY-MM-DD	2024-11-20
	DESIGNED	RHG
	PREPARED	RHG
	REVIEWED	RNQ
	APPROVED	RNQ

PROJECT NO.
 31406440.022

FIGURE
 3B

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



LEGEND

TYPE

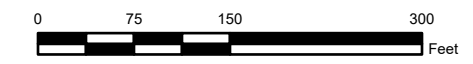
- CELL 1 LANDFILL MONITORING WELL
- PAC ASH LANDFILL MONITORING WELL
- PIEZOMETER
- INFERRED POTENTIOMETRIC SURFACE CONTOUR (FT-NAVD 88)
- STREAM
- EXISTING TOPOGRAPHY

NOTE(S)


1. GROUNDWATER ELEVATIONS MEASUREMENTS OBTAINED JULY 30, 2024 BY WSP STAFF.
2. GROUNDWATER ELEVATIONS DISPLAYED IN FEET-NORTH AMERICAN VERTICAL DATUM (FT-NAVD 88).
3. DEEP AND INTERMEDIATE WELL GROUNDWATER ELEVATIONS WERE NOT USED TO GENERATE POTENTIOMETRIC SURFACE CONTOURS.

REFERENCE(S)

1. COORDINATE SYSTEM: NAD 1983 STATE PLANE GEORGIA WEST FIPS 1002 FEET.
2. MONITORING WELL/PIEZOMETER LOCATIONS PROVIDED BY JORDAN ENGINEERING.
3. SITE IMAGERY: IMAGERY PROVIDED BY CLIENT 07/2024.
4. BACKGROUND IMAGERY: GOOGLE IMAGERY SERVICE. COPYRIGHT GOOGLE 2023. IMAGERY CAPTURED 12/17/2022.



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PROJECT
 2024 ANNUAL GROUNDWATER MONITORING
 AND CORRECTIVE ACTION REPORT
 PLANT SCHERER - CELL 1 AND PAC ASH CELL

TITLE
POTENTIOMETRIC SURFACE MAP - PAC ASH CELL
JULY 30, 2024

CONSULTANT	YYYY-MM-DD	2025-01-06
	DESIGNED	RHG
	PREPARED	JTB
	REVIEWED	RNQ
	APPROVED	RNQ

PROJECT NO.
 31406440.022




FIGURE
3C

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



LEGEND

TYPE

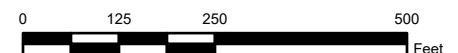
- CELL 1 LANDFILL MONITORING WELL
- PAC ASH LANDFILL MONITORING WELL
- CELL 3 MONITORING WELL
- INFERRED POTENTIOMETRIC SURFACE CONTOUR (FT-NAVD 88)
- STREAM
- EXISTING TOPOGRAPHY

NOTE(S)

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2. GROUNDWATER ELEVATIONS DISPLAYED IN FEET-NORTH AMERICAN VERTICAL DATUM (FT-NAVD 88).
3. DEEP AND INTERMEDIATE WELL GROUNDWATER ELEVATIONS WERE NOT USED TO GENERATE POTENTIOMETRIC SURFACE CONTOURS.

REFERENCE(S)

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3. SITE IMAGERY: IMAGERY PROVIDED BY CLIENT 07/2024.
4. BACKGROUND IMAGERY: GOOGLE IMAGERY SERVICE. COPYRIGHT GOOGLE 2023. IMAGERY CAPTURED 12/17/2022.



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 MONROE COUNTY, GEORGIA

PROJECT
 2024 ANNUAL GROUNDWATER MONITORING
 AND CORRECTIVE ACTION REPORT
 PLANT SCHERER - CELL 1 AND PAC ASH CELL

TITLE
POTENTIOMETRIC SURFACE MAP - CELL 1
JULY 30, 2024

CONSULTANT	YYYY-MM-DD	2025-01-06
	DESIGNED	RHG
	PREPARED	AR
	REVIEWED	RNQ
	APPROVED	RNQ

PROJECT NO. 31406440.022 FIGURE 3D

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

APPENDIX A

Field Data Forms and Instrument Calibration Forms

APPENDIX A

**Field Data Forms
February 2024**

Low-Flow Test Report:

Test Date / Time: 3/1/2024 9:40:24 AM

Project: SCHERER SAGW 1 (22)

Operator Name: P Wahl

Location Name: SCH-GWC-1 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 28.72 ft Total Depth: 38.72 ft Initial Depth to Water: 8.66 ft	Pump Type: Peristaltic Tubing Type: LDPE Pump Intake From TOC: 33 ft Estimated Total Volume Pumped: 4000 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.32 ft	Instrument Used: Aqua TROLL 400 Serial Number: 1080297
---	---	---

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 10	+/- 10	+/- 0.3	
3/1/2024 9:40 AM	00:00	6.92 pH	8.26 °C	192.23 µS/cm	10.58 mg/L	0.37 NTU	69.9 mV	8.66 ft	200.00 ml/min
3/1/2024 9:45 AM	05:00	6.70 pH	14.34 °C	182.61 µS/cm	4.96 mg/L	0.28 NTU	47.0 mV	8.94 ft	200.00 ml/min
3/1/2024 9:50 AM	10:00	6.69 pH	15.11 °C	180.53 µS/cm	4.79 mg/L	0.54 NTU	45.3 mV	8.97 ft	200.00 ml/min
3/1/2024 9:55 AM	15:00	6.71 pH	15.29 °C	180.51 µS/cm	4.78 mg/L	0.75 NTU	45.0 mV	8.98 ft	200.00 ml/min
3/1/2024 10:00 AM	20:00	6.71 pH	15.29 °C	178.78 µS/cm	4.91 mg/L	0.49 NTU	45.2 mV	8.98 ft	200.00 ml/min

Samples

Sample ID:	Description:
SCH-GWC-1	

Low-Flow Test Report:

Test Date / Time: 3/1/2024 8:13:21 AM

Project: SCHERER SAGW 1 (21)

Operator Name: P Wahl

Location Name: SCH-GWC-2 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 48.74 ft Total Depth: 58.74 ft Initial Depth to Water: 12.99 ft	Pump Type: Dedicated Bladder Tubing Type: LDPE Pump Intake From TOC: 53.74 ft Estimated Total Volume Pumped: 4000 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 1.41 ft	Instrument Used: Aqua TROLL 400 Serial Number: 1080297
--	--	---

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 10	+/- 10	+/- 0.3	
3/1/2024 8:13 AM	00:00	7.92 pH	10.21 °C	194.99 µS/cm	9.56 mg/L	1.51 NTU	174.8 mV	12.99 ft	200.00 ml/min
3/1/2024 8:18 AM	05:00	6.48 pH	15.01 °C	165.24 µS/cm	3.92 mg/L	1.42 NTU	62.8 mV	14.01 ft	200.00 ml/min
3/1/2024 8:23 AM	10:00	6.49 pH	15.06 °C	164.15 µS/cm	3.75 mg/L	0.98 NTU	56.9 mV	14.33 ft	200.00 ml/min
3/1/2024 8:28 AM	15:00	6.49 pH	15.22 °C	163.85 µS/cm	3.82 mg/L	0.94 NTU	55.1 mV	14.36 ft	200.00 ml/min
3/1/2024 8:33 AM	20:00	6.50 pH	15.29 °C	162.98 µS/cm	3.74 mg/L	1.00 NTU	54.2 mV	14.40 ft	200.00 ml/min

Samples

Sample ID:	Description:
SCH-GWC-2	

Low-Flow Test Report:

Test Date / Time: 3/4/2024 10:50:14 AM

Project: Scherer SAGW01 2024 (28)

Operator Name: Mark Mann

Location Name: SCH-GWC-3 Latitude: 33.0775383906747 Longitude: -83.7924911734497 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 40.1 ft Total Depth: 50.1 ft Initial Depth to Water: 36.92 ft	Pump Type: Bladder Tubing Type: LDPE Pump Intake From TOC: 45 ft Estimated Total Volume Pumped: 5150 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.18 ft	Instrument Used: Aqua TROLL 400 Serial Number: 883553
--	---	--

Test Notes:

Weather Conditions:

Sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
3/4/2024 10:50 AM	00:00	7.11 pH	17.26 °C	126.73 µS/cm	8.25 mg/L	9.94 NTU	103.8 mV	36.92 ft	200.00 ml/min
3/4/2024 10:55 AM	05:00	6.29 pH	18.16 °C	125.55 µS/cm	2.89 mg/L	9.77 NTU	74.7 mV	37.12 ft	200.00 ml/min
3/4/2024 10:56 AM	05:45	6.25 pH	18.19 °C	125.41 µS/cm	2.85 mg/L	8.33 NTU	71.0 mV	37.13 ft	200.00 ml/min
3/4/2024 11:01 AM	10:45	6.13 pH	18.35 °C	124.00 µS/cm	2.84 mg/L	6.57 NTU	65.5 mV	37.13 ft	200.00 ml/min
3/4/2024 11:06 AM	15:45	6.10 pH	18.47 °C	123.14 µS/cm	2.88 mg/L	6.85 NTU	62.9 mV	37.15 ft	200.00 ml/min
3/4/2024 11:11 AM	20:45	6.09 pH	18.48 °C	121.93 µS/cm	3.00 mg/L	5.32 NTU	63.8 mV	37.12 ft	200.00 ml/min
3/4/2024 11:16 AM	25:45	6.11 pH	18.48 °C	120.91 µS/cm	3.13 mg/L	4.88 NTU	67.1 mV	37.10 ft	200.00 ml/min

Samples

Sample ID:	Description:
SCH-GWC-3	

Low-Flow Test Report:

Test Date / Time: 2/29/2024 9:14:13 AM

Project: Scherer SAE (19)

Operator Name: T Johnson

Location Name: SCH-GWC-4 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 33.41 ft Total Depth: 43.41 ft Initial Depth to Water: 32.85 ft	Pump Type: Peristaltic Tubing Type: True poly Pump Intake From TOC: 38.41 ft Estimated Total Volume Pumped: 3700 ml Flow Cell Volume: 90 ml Final Flow Rate: 170 ml/min Final Draw Down: 0.4 ft	Instrument Used: Aqua TROLL 400 Serial Number: 843593
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Test Notes:

Pre purged 1 L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
2/29/2024 9:15 AM	00:00	6.92 pH	15.62 °C	399.09 µS/cm	4.29 mg/L	1.09 NTU	98.3 mV	33.22 ft	200.00 ml/min
2/29/2024 9:20 AM	05:00	6.46 pH	16.28 °C	401.49 µS/cm	3.34 mg/L	1.17 NTU	107.3 mV	33.26 ft	200.00 ml/min
2/29/2024 9:25 AM	10:00	6.35 pH	16.24 °C	408.88 µS/cm	3.07 mg/L	1.07 NTU	76.4 mV	33.26 ft	170.00 ml/min
2/29/2024 9:30 AM	15:00	6.33 pH	16.24 °C	407.56 µS/cm	3.04 mg/L	0.80 NTU	73.7 mV	33.25 ft	170.00 ml/min
2/29/2024 9:35 AM	20:00	6.31 pH	16.29 °C	406.72 µS/cm	3.03 mg/L	0.62 NTU	72.5 mV	33.25 ft	170.00 ml/min

Samples

Sample ID:	Description:
SCH-GWC-4	Alkalinity, metals, chloride, fluoride, sulfate, TDS

Low-Flow Test Report:

Test Date / Time: 2/29/2024 10:55:46 AM

Project: Scherer SAE (20)

Operator Name: T Johnson

Location Name: SCH-GWC-5 Well Diameter: 2 cm Casing Type: PVC Screen Length: 10 ft Top of Screen: 24.16 ft Total Depth: 34.16 ft Initial Depth to Water: 20.4 ft	Pump Type: Dedicated Bladder Tubing Type: True poly Pump Intake From TOC: 29.16 ft Estimated Total Volume Pumped: 3400 ml Flow Cell Volume: 90 ml Final Flow Rate: 170 ml/min Final Draw Down: 0.15 ft	Instrument Used: Aqua TROLL 400 Serial Number: 843593
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Test Notes:

Pre purged 1 L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
2/29/2024 10:55 AM	00:00	6.38 pH	17.72 °C	338.58 µS/cm	4.83 mg/L	0.50 NTU	91.1 mV	20.56 ft	170.00 ml/min
2/29/2024 11:00 AM	05:00	6.27 pH	18.17 °C	327.75 µS/cm	4.55 mg/L	0.58 NTU	73.6 mV	20.56 ft	170.00 ml/min
2/29/2024 11:05 AM	10:00	6.26 pH	18.30 °C	327.55 µS/cm	4.47 mg/L	0.53 NTU	72.5 mV	20.57 ft	170.00 ml/min
2/29/2024 11:10 AM	15:00	6.26 pH	18.17 °C	327.54 µS/cm	4.43 mg/L	0.56 NTU	74.2 mV	20.55 ft	170.00 ml/min
2/29/2024 11:15 AM	20:00	6.25 pH	18.26 °C	328.40 µS/cm	4.43 mg/L	0.48 NTU	75.5 mV	20.55 ft	170.00 ml/min

Samples

Sample ID:	Description:
SCH-GWC-5	Metals, alkalinity, chloride, fluoride, sulfate, TDS

Low-Flow Test Report:

Test Date / Time: 2/29/2024 12:10:26 PM

Project: Scherer SAE (21)

Operator Name: T Johnson

Location Name: SCH-GWC-6 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 38.5 ft Total Depth: 48.5 ft Initial Depth to Water: 39.52 ft	Pump Type: Dedicated Tubing Type: True poly Pump Intake From TOC: 43.5 ft Estimated Total Volume Pumped: 15000 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.1 ft	Instrument Used: Aqua TROLL 400 Serial Number: 843593
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Test Notes:

Pre purged 1 L & purged 3 well volumes before sampling

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
2/29/2024 12:10 PM	00:00	6.44 pH	18.39 °C	229.57 µS/cm	6.83 mg/L	0.20 NTU	82.8 mV	39.54 ft	200.00 ml/min
2/29/2024 12:15 PM	05:00	6.38 pH	18.15 °C	233.68 µS/cm	6.44 mg/L	0.18 NTU	73.6 mV	39.56 ft	200.00 ml/min
2/29/2024 12:20 PM	10:00	6.37 pH	18.00 °C	232.67 µS/cm	6.43 mg/L	0.17 NTU	71.5 mV	39.56 ft	200.00 ml/min
2/29/2024 12:25 PM	15:00	6.38 pH	18.08 °C	229.76 µS/cm	6.42 mg/L	0.12 NTU	70.8 mV	39.55 ft	200.00 ml/min
2/29/2024 12:30 PM	20:00	6.38 pH	18.01 °C	228.97 µS/cm	6.45 mg/L	0.13 NTU	71.2 mV	39.56 ft	200.00 ml/min
2/29/2024 12:35 PM	25:00	6.38 pH	18.03 °C	227.56 µS/cm	6.45 mg/L	0.12 NTU	72.3 mV	39.58 ft	200.00 ml/min
2/29/2024 12:40 PM	30:00	6.38 pH	18.06 °C	226.10 µS/cm	6.44 mg/L	0.10 NTU	73.0 mV	39.58 ft	200.00 ml/min
2/29/2024 12:45 PM	35:00	6.38 pH	18.01 °C	225.74 µS/cm	6.47 mg/L	0.13 NTU	95.5 mV	39.57 ft	200.00 ml/min
2/29/2024 12:50 PM	40:00	6.38 pH	17.92 °C	225.29 µS/cm	6.47 mg/L	0.19 NTU	96.5 mV	39.57 ft	200.00 ml/min
2/29/2024 12:55 PM	45:00	6.38 pH	17.77 °C	225.88 µS/cm	6.48 mg/L	0.13 NTU	74.8 mV	39.58 ft	200.00 ml/min
2/29/2024 1:00 PM	50:00	6.38 pH	17.68 °C	224.93 µS/cm	6.49 mg/L	0.14 NTU	97.0 mV	39.60 ft	200.00 ml/min
2/29/2024 1:05 PM	55:00	6.38 pH	17.81 °C	225.53 µS/cm	6.50 mg/L	0.14 NTU	75.5 mV	39.59 ft	200.00 ml/min
2/29/2024 1:10 PM	01:00:00	6.37 pH	17.79 °C	225.22 µS/cm	6.49 mg/L	0.11 NTU	75.0 mV	39.58 ft	200.00 ml/min
2/29/2024 1:15 PM	01:05:00	6.38 pH	17.81 °C	225.05 µS/cm	6.50 mg/L	0.14 NTU	75.0 mV	39.61 ft	200.00 ml/min
2/29/2024 1:20 PM	01:10:00	6.38 pH	17.81 °C	224.96 µS/cm	6.48 mg/L	0.10 NTU	75.3 mV	39.61 ft	200.00 ml/min

2/29/2024 1:25 PM	01:15:00	6.37 pH	17.81 °C	224.84 µS/cm	6.50 mg/L	0.12 NTU	75.7 mV	39.62 ft	200.00 ml/min
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Samples

Sample ID:	Description:
SCH-GWC-6	Metals, alkalinity, TDS, Chloride, fluoride, sulfate

Low-Flow Test Report:

Test Date / Time: 2/29/2024 2:07:37 PM

Project: Scherer SAE (22)

Operator Name: T Johnson

Location Name: SCH-GWC-7 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 48.72 ft Total Depth: 58.72 ft Initial Depth to Water: 42.64 ft	Pump Type: Dedicated Tubing Type: True poly Pump Intake From TOC: 53.72 ft Estimated Total Volume Pumped: 3400 ml Flow Cell Volume: 90 ml Final Flow Rate: 160 ml/min Final Draw Down: 0.36 ft	Instrument Used: Aqua TROLL 400 Serial Number: 843593
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
2/29/2024 2:10 PM	00:00	7.09 pH	17.05 °C	181.48 µS/cm	7.28 mg/L	0.32 NTU	79.6 mV	43.05 ft	180.00 ml/min
2/29/2024 2:15 PM	05:00	6.70 pH	17.42 °C	178.55 µS/cm	6.95 mg/L	0.52 NTU	72.7 mV	43.11 ft	180.00 ml/min
2/29/2024 2:20 PM	10:00	6.61 pH	17.32 °C	178.00 µS/cm	6.79 mg/L	0.93 NTU	69.8 mV	43.04 ft	160.00 ml/min
2/29/2024 2:25 PM	15:00	6.58 pH	17.32 °C	178.68 µS/cm	6.72 mg/L	0.74 NTU	69.3 mV	43.00 ft	160.00 ml/min
2/29/2024 2:30 PM	20:00	6.57 pH	17.36 °C	178.17 µS/cm	6.70 mg/L	0.75 NTU	68.8 mV	43.00 ft	160.00 ml/min

Samples

Sample ID:	Description:
SCH-GWC-7	Metals, alkalinity, chloride, fluoride, sulfate, TDS

Low-Flow Test Report:

Test Date / Time: 2/29/2024 3:16:44 PM

Project: Scherer SAE (23)

Operator Name: T Johnson

Location Name: SCH-GWC-8A Well Diameter: 2 ft Casing Type: PVC Screen Length: 10 ft Top of Screen: 37.5 ft Total Depth: 47.5 ft Initial Depth to Water: 24.07 ft	Pump Type: Dedicated Tubing Type: True poly Pump Intake From TOC: 42.5 ft Estimated Total Volume Pumped: 3300 ml Flow Cell Volume: 90 ml Final Flow Rate: 165 ml/min Final Draw Down: -1.27 ft	Instrument Used: Aqua TROLL 400 Serial Number: 843593
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Test Notes:

WL should have been 22.07 at start

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
2/29/2024 3:16 PM	00:00	6.48 pH	18.66 °C	491.64 µS/cm	0.62 mg/L	0.15 NTU	21.8 mV	22.70 ft	165.00 ml/min
2/29/2024 3:21 PM	05:00	6.49 pH	18.66 °C	488.81 µS/cm	0.40 mg/L	0.36 NTU	15.5 mV	22.79 ft	165.00 ml/min
2/29/2024 3:26 PM	10:00	6.50 pH	18.70 °C	485.64 µS/cm	0.33 mg/L	0.26 NTU	14.2 mV	22.79 ft	165.00 ml/min
2/29/2024 3:31 PM	15:00	6.51 pH	18.68 °C	483.15 µS/cm	0.30 mg/L	0.31 NTU	14.5 mV	22.79 ft	165.00 ml/min
2/29/2024 3:36 PM	20:00	6.52 pH	18.58 °C	483.82 µS/cm	0.28 mg/L	0.32 NTU	15.0 mV	22.80 ft	165.00 ml/min

Samples

Sample ID:	Description:
SCH-GWC-8A	Metals, alkalinity, chloride, fluoride, sulfate, TDS

Low-Flow Test Report:

Test Date / Time: 3/1/2024 8:48:53 AM

Project: Scherer SAE (25)

Operator Name: T Johnson

Location Name: SCH-GWC-9 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 10.25 ft Total Depth: 20.25 ft Initial Depth to Water: 6.88 ft	Pump Type: Dedicated Tubing Type: True poly Pump Intake From TOC: 15 ft Estimated Total Volume Pumped: 6193 ml Flow Cell Volume: 90 ml Final Flow Rate: 160 ml/min Final Draw Down: 0.42 ft	Instrument Used: Aqua TROLL 400 Serial Number: 843593
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
3/1/2024 8:48 AM	00:00	7.62 pH	12.78 °C	242.89 µS/cm	4.02 mg/L	5.40 NTU	114.3 mV	7.30 ft	180.00 ml/min
3/1/2024 8:57 AM	07:11	7.13 pH	14.08 °C	223.73 µS/cm	3.11 mg/L	5.40 NTU	74.7 mV	7.30 ft	180.00 ml/min
3/1/2024 9:02 AM	12:11	7.00 pH	13.56 °C	221.58 µS/cm	2.70 mg/L	5.91 NTU	85.8 mV	7.25 ft	160.00 ml/min
3/1/2024 9:07 AM	17:11	6.91 pH	14.16 °C	222.97 µS/cm	2.70 mg/L	5.86 NTU	101.4 mV	7.28 ft	160.00 ml/min
3/1/2024 9:12 AM	22:11	6.87 pH	14.22 °C	222.54 µS/cm	2.62 mg/L	4.21 NTU	102.4 mV	7.30 ft	160.00 ml/min
3/1/2024 9:17 AM	27:11	6.85 pH	14.17 °C	222.80 µS/cm	2.54 mg/L	4.94 NTU	83.6 mV	7.30 ft	160.00 ml/min
3/1/2024 9:22 AM	32:11	6.83 pH	14.11 °C	221.09 µS/cm	2.44 mg/L	4.30 NTU	98.9 mV	7.30 ft	160.00 ml/min
3/1/2024 9:27 AM	37:11	6.82 pH	14.12 °C	221.60 µS/cm	2.40 mg/L	3.28 NTU	82.1 mV	7.30 ft	160.00 ml/min

Samples

Sample ID:	Description:
SCH-GWC-9	Metals, alkalinity, chloride, fluoride, sulfate, TDS

Low-Flow Test Report:

Test Date / Time: 3/1/2024 10:53:38 AM

Project: Scherer SAE (26)

Operator Name: T Johnson

Location Name: SCH-GWC-10 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 30.65 ft Total Depth: 40.65 ft Initial Depth to Water: 10.19 ft	Pump Type: Peristaltic Tubing Type: True poly Pump Intake From TOC: 35.65 ft Estimated Total Volume Pumped: 4800 ml Flow Cell Volume: 90 ml Final Flow Rate: 160 ml/min Final Draw Down: 0.09 ft	Instrument Used: Aqua TROLL 400 Serial Number: 843593
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
3/1/2024 10:55 AM	00:00	7.49 pH	10.78 °C	258.62 µS/cm	3.43 mg/L	6.71 NTU	76.3 mV	10.28 ft	160.00 ml/min
3/1/2024 11:00 AM	05:00	6.68 pH	13.49 °C	232.14 µS/cm	1.23 mg/L	3.43 NTU	61.6 mV	10.27 ft	160.00 ml/min
3/1/2024 11:05 AM	10:00	6.50 pH	14.04 °C	225.14 µS/cm	1.03 mg/L	1.89 NTU	66.3 mV	10.28 ft	160.00 ml/min
3/1/2024 11:10 AM	15:00	6.47 pH	14.30 °C	220.34 µS/cm	0.98 mg/L	1.38 NTU	56.6 mV	10.27 ft	160.00 ml/min
3/1/2024 11:15 AM	20:00	6.47 pH	14.47 °C	218.54 µS/cm	0.98 mg/L	1.43 NTU	55.2 mV	10.27 ft	160.00 ml/min
3/1/2024 11:20 AM	25:00	6.46 pH	14.56 °C	217.07 µS/cm	1.00 mg/L	1.16 NTU	62.9 mV	10.28 ft	160.00 ml/min
3/1/2024 11:25 AM	30:00	6.47 pH	14.45 °C	215.35 µS/cm	1.01 mg/L	1.22 NTU	63.8 mV	10.28 ft	160.00 ml/min

Samples

Sample ID:	Description:
SCH-GWC-10	Metals, alkalinity, chloride, fluoride, sulfate, TDS

Low-Flow Test Report:

Test Date / Time: 2/29/2024 3:18:56 PM

Project: SCHERER SAGW 1 (20)

Operator Name: P Wahl

Location Name: SCH-GWC-11 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 24.54 ft Total Depth: 34.54 ft Initial Depth to Water: 17.15 ft	Pump Type: Dedicated Bladder Tubing Type: LDPE Pump Intake From TOC: 29.54 ft Estimated Total Volume Pumped: 12500 ml Flow Cell Volume: 90 ml Final Flow Rate: 150 ml/min Final Draw Down: 0.17 ft	Instrument Used: Aqua TROLL 400 Serial Number: 1080297
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 10	+/- 10	+/- 0.3	
2/29/2024 3:18 PM	00:00	6.37 pH	15.30 °C	114.76 µS/cm	6.81 mg/L	1.72 NTU	95.2 mV	17.15 ft	200.00 ml/min
2/29/2024 3:23 PM	05:00	6.27 pH	17.08 °C	131.38 µS/cm	1.88 mg/L	6.13 NTU	95.6 mV	17.35 ft	200.00 ml/min
2/29/2024 3:28 PM	10:00	6.27 pH	17.07 °C	131.31 µS/cm	1.22 mg/L	9.08 NTU	84.5 mV	17.36 ft	200.00 ml/min
2/29/2024 3:33 PM	15:00	6.27 pH	16.87 °C	130.74 µS/cm	1.10 mg/L	12.30 NTU	61.3 mV	17.36 ft	200.00 ml/min
2/29/2024 3:38 PM	20:00	6.27 pH	16.85 °C	131.07 µS/cm	1.09 mg/L	8.63 NTU	57.1 mV	17.36 ft	200.00 ml/min
2/29/2024 3:43 PM	25:00	6.26 pH	16.91 °C	130.49 µS/cm	1.07 mg/L	14.00 NTU	54.5 mV	17.36 ft	100.00 ml/min
2/29/2024 3:48 PM	30:00	6.26 pH	16.55 °C	129.04 µS/cm	1.09 mg/L	8.01 NTU	53.1 mV	17.25 ft	100.00 ml/min
2/29/2024 3:53 PM	35:00	6.26 pH	16.11 °C	130.26 µS/cm	1.08 mg/L	9.39 NTU	51.5 mV	17.25 ft	100.00 ml/min
2/29/2024 3:58 PM	40:00	6.26 pH	16.19 °C	130.16 µS/cm	1.11 mg/L	8.45 NTU	50.2 mV	17.25 ft	100.00 ml/min
2/29/2024 4:03 PM	45:00	6.26 pH	16.23 °C	130.03 µS/cm	1.09 mg/L	10.80 NTU	49.1 mV	17.25 ft	100.00 ml/min
2/29/2024 4:08 PM	50:00	6.26 pH	16.01 °C	128.99 µS/cm	1.11 mg/L	9.08 NTU	48.7 mV	17.25 ft	100.00 ml/min
2/29/2024 4:13 PM	55:00	6.27 pH	15.75 °C	129.25 µS/cm	1.17 mg/L	8.51 NTU	48.3 mV	17.25 ft	100.00 ml/min
2/29/2024 4:18 PM	01:00:00	6.26 pH	15.74 °C	129.37 µS/cm	1.18 mg/L	7.75 NTU	47.8 mV	17.25 ft	100.00 ml/min
2/29/2024 4:23 PM	01:05:00	6.27 pH	15.83 °C	129.37 µS/cm	1.20 mg/L	14.30 NTU	47.3 mV	17.40 ft	400.00 ml/min
2/29/2024 4:28 PM	01:10:00	6.27 pH	17.39 °C	130.29 µS/cm	1.00 mg/L	8.46 NTU	54.4 mV	17.35 ft	150.00 ml/min

2/29/2024 4:33 PM	01:15:00	6.27 pH	16.68 °C	129.67 µS/cm	0.99 mg/L	7.00 NTU	47.3 mV	17.32 ft	150.00 ml/min
2/29/2024 4:38 PM	01:20:00	6.26 pH	16.84 °C	129.86 µS/cm	1.02 mg/L	4.63 NTU	46.8 mV	17.32 ft	150.00 ml/min

Samples

Sample ID:	Description:
SCH-GWC-11	

Low-Flow Test Report:

Test Date / Time: 2/29/2024 2:07:38 PM

Project: SCHERER SAGW 1 (19)

Operator Name: P Wahl

Location Name: SCH-GWC-12 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 27.82 ft Total Depth: 37.82 ft Initial Depth to Water: 24.28 ft	Pump Type: Dedicated Bladder Tubing Type: LDPE Pump Intake From TOC: 32.82 ft Estimated Total Volume Pumped: 6000 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.58 ft	Instrument Used: Aqua TROLL 400 Serial Number: 1080297
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 10	+/- 10	+/- 0.3	
2/29/2024 2:07 PM	00:00	8.66 pH	14.58 °C	34.64 µS/cm	8.12 mg/L	0.47 NTU	69.0 mV	24.28 ft	200.00 ml/min
2/29/2024 2:12 PM	05:00	5.25 pH	17.01 °C	28.53 µS/cm	4.29 mg/L	1.65 NTU	74.9 mV	24.80 ft	200.00 ml/min
2/29/2024 2:17 PM	10:00	5.26 pH	17.18 °C	28.86 µS/cm	3.70 mg/L	0.96 NTU	72.4 mV	24.85 ft	200.00 ml/min
2/29/2024 2:22 PM	15:00	5.24 pH	17.22 °C	28.66 µS/cm	3.40 mg/L	1.16 NTU	72.5 mV	24.86 ft	200.00 ml/min
2/29/2024 2:27 PM	20:00	5.23 pH	17.20 °C	28.37 µS/cm	3.16 mg/L	0.75 NTU	74.0 mV	24.86 ft	200.00 ml/min
2/29/2024 2:32 PM	25:00	5.24 pH	17.18 °C	28.19 µS/cm	3.02 mg/L	0.81 NTU	75.9 mV	24.86 ft	200.00 ml/min
2/29/2024 2:37 PM	30:00	5.24 pH	17.18 °C	28.04 µS/cm	2.93 mg/L	0.69 NTU	77.7 mV	24.86 ft	200.00 ml/min

Samples

Sample ID:	Description:
SCH-GWC-12	

Low-Flow Test Report:

Test Date / Time: 3/1/2024 8:20:06 AM

Project: Scherer SAGW01 2024 (25)

Operator Name: Mark Mann

Location Name: SCH-GWC-13 Latitude: 33.07682534217196 Longitude: -83.79842690199965 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 34.2 ft Total Depth: 44.2 ft Initial Depth to Water: 29.12 ft	Pump Type: Dedicated Bladder Tubing Type: LDPE Pump Intake From TOC: 34.52 ft Estimated Total Volume Pumped: 6000 ml Flow Cell Volume: 90 ml Final Flow Rate: 300 ml/min Final Draw Down: 0.27 ft	Instrument Used: Aqua TROLL 400 Serial Number: 883553
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Test Notes:

Weather Conditions:

Rain

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
3/1/2024 8:20 AM	00:00	6.38 pH	11.94 °C	109.91 µS/cm	9.52 mg/L	1.18 NTU	78.4 mV	29.12 ft	300.00 ml/min
3/1/2024 8:25 AM	05:00	5.95 pH	16.38 °C	98.54 µS/cm	4.14 mg/L	0.69 NTU	43.9 mV	29.38 ft	300.00 ml/min
3/1/2024 8:30 AM	10:00	5.87 pH	16.57 °C	101.79 µS/cm	3.60 mg/L	0.92 NTU	46.4 mV	29.34 ft	300.00 ml/min
3/1/2024 8:35 AM	15:00	5.88 pH	16.72 °C	103.37 µS/cm	3.45 mg/L	0.94 NTU	53.9 mV	29.37 ft	300.00 ml/min
3/1/2024 8:40 AM	20:00	5.90 pH	16.72 °C	104.32 µS/cm	3.45 mg/L	0.58 NTU	58.4 mV	29.39 ft	300.00 ml/min

Samples

Sample ID:	Description:
SCH-GWC-13	

Low-Flow Test Report:

Test Date / Time: 3/1/2024 9:01:56 AM

Project: Scherer SAGW01 2024 (26)

Operator Name: Mark Mann

Location Name: SCH-GWC-14 Latitude: 33.07761931794982 Longitude: -83.79933457829412 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 17.5 ft Total Depth: 27.5 ft Initial Depth to Water: 12.4 ft	Pump Type: Dedicated Bladder Tubing Type: LDPE Pump Intake From TOC: 18.88 ft Estimated Total Volume Pumped: 4500 ml Flow Cell Volume: 90 ml Final Flow Rate: 150 ml/min Final Draw Down: 0.08 ft	Instrument Used: Aqua TROLL 400 Serial Number: 883553
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Test Notes:

Weather Conditions:

Rain

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
3/1/2024 9:02 AM	00:00	6.02 pH	11.94 °C	85.63 µS/cm	5.53 mg/L	0.53 NTU	84.7 mV	12.40 ft	250.00 ml/min
3/1/2024 9:07 AM	05:00	5.58 pH	15.43 °C	83.00 µS/cm	1.14 mg/L	2.95 NTU	80.0 mV	12.55 ft	250.00 ml/min
3/1/2024 9:12 AM	10:00	5.55 pH	15.57 °C	83.67 µS/cm	0.41 mg/L	2.50 NTU	74.1 mV	12.55 ft	250.00 ml/min
3/1/2024 9:17 AM	15:00	5.54 pH	15.71 °C	84.07 µS/cm	0.30 mg/L	3.05 NTU	70.1 mV	12.52 ft	150.00 ml/min
3/1/2024 9:22 AM	20:00	5.55 pH	15.08 °C	83.80 µS/cm	0.27 mg/L	1.08 NTU	77.2 mV	12.48 ft	150.00 ml/min

Samples

Sample ID:	Description:
SCH-GWC-14	

Low-Flow Test Report:

Test Date / Time: 3/4/2024 12:33:32 PM

Project: Scherer SAGW01 2024 (30)

Operator Name: Mark Mann

Location Name: SCH-GWA-15 Latitude: 33.07860197036821 Longitude: -83.79868372351285 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 19.54 ft Total Depth: 29.54 ft Initial Depth to Water: 11.18 ft	Pump Type: Dedicated Bladder Tubing Type: LDPE Pump Intake From TOC: 20.94 ft Estimated Total Volume Pumped: 4600 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.26 ft	Instrument Used: Aqua TROLL 400 Serial Number: 883553
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Test Notes:

Weather Conditions:

Sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
3/4/2024 12:33 PM	00:00	6.39 pH	17.93 °C	66.05 µS/cm	6.33 mg/L	2.50 NTU	65.8 mV	11.18 ft	300.00 ml/min
3/4/2024 12:38 PM	05:00	5.29 pH	16.94 °C	62.37 µS/cm	0.98 mg/L	2.89 NTU	60.6 mV	11.44 ft	220.00 ml/min
3/4/2024 12:43 PM	10:00	5.25 pH	16.92 °C	62.32 µS/cm	0.58 mg/L	1.32 NTU	58.5 mV	11.41 ft	200.00 ml/min
3/4/2024 12:48 PM	15:00	5.24 pH	16.92 °C	62.35 µS/cm	0.38 mg/L	0.98 NTU	60.3 mV	11.41 ft	200.00 ml/min
3/4/2024 12:53 PM	20:00	5.24 pH	16.95 °C	62.43 µS/cm	0.31 mg/L	0.75 NTU	59.5 mV	11.44 ft	200.00 ml/min

Samples

Sample ID:	Description:
SCH-GWA-15	

Low-Flow Test Report:

Test Date / Time: 2/28/2024 3:50:10 PM

Project: SCHERER SAGW 1 (18)

Operator Name: P Wahl

Location Name: SCH-GWA-16 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 47.93 ft Total Depth: 57.93 ft Initial Depth to Water: 32.65 ft	Pump Type: Dedicated Bladder Tubing Type: LDPE Pump Intake From TOC: 49.58 ft Estimated Total Volume Pumped: 3000 ml Flow Cell Volume: 90 ml Final Flow Rate: 120 ml/min Final Draw Down: 0.13 ft	Instrument Used: Aqua TROLL 400 Serial Number: 1080297
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 10	+/- 10	+/- 0.3	
2/28/2024 3:50 PM	00:00	7.45 pH	24.00 °C	122.83 µS/cm	6.68 mg/L	1.25 NTU	42.1 mV	32.65 ft	120.00 ml/min
2/28/2024 3:55 PM	05:00	6.50 pH	20.85 °C	132.22 µS/cm	5.40 mg/L	0.32 NTU	38.0 mV	32.75 ft	120.00 ml/min
2/28/2024 4:00 PM	10:00	6.49 pH	20.46 °C	132.60 µS/cm	5.26 mg/L	0.33 NTU	39.2 mV	32.76 ft	120.00 ml/min
2/28/2024 4:05 PM	15:00	6.48 pH	20.29 °C	133.04 µS/cm	5.21 mg/L	0.38 NTU	40.5 mV	32.76 ft	120.00 ml/min
2/28/2024 4:10 PM	20:00	6.48 pH	20.22 °C	133.45 µS/cm	5.17 mg/L	0.40 NTU	40.9 mV	32.78 ft	120.00 ml/min
2/28/2024 4:15 PM	25:00	6.49 pH	20.07 °C	133.43 µS/cm	5.15 mg/L	0.41 NTU	41.8 mV	32.78 ft	120.00 ml/min

Samples

Sample ID:	Description:
SCH-GWA-16	

Low-Flow Test Report:

Test Date / Time: 2/28/2024 4:08:35 PM

Project: Scherer SAE (18)

Operator Name: T Johnson

Location Name: SCH-GWA-17 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 47 ft Total Depth: 57.93 ft Initial Depth to Water: 31.54 ft	Pump Type: Dedicated Bladder Tubing Type: True poly Pump Intake From TOC: 49.58 ft Estimated Total Volume Pumped: 4100 ml Flow Cell Volume: 90 ml Final Flow Rate: 160 ml/min Final Draw Down: 0.14 ft	Instrument Used: Aqua TROLL 400 Serial Number: 843593
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Test Notes:

Pre purged 1 L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
2/28/2024 4:10 PM	00:00	6.42 pH	20.75 °C	100.93 µS/cm	7.72 mg/L	1.75 NTU	93.4 mV	31.65 ft	160.00 ml/min
2/28/2024 4:15 PM	05:00	6.37 pH	20.38 °C	102.60 µS/cm	7.62 mg/L	1.59 NTU	87.9 mV	31.68 ft	160.00 ml/min
2/28/2024 4:20 PM	10:00	6.37 pH	20.14 °C	105.80 µS/cm	7.62 mg/L	1.94 NTU	88.5 mV	31.73 ft	160.00 ml/min
2/28/2024 4:25 PM	15:00	6.38 pH	19.90 °C	107.99 µS/cm	7.58 mg/L	1.77 NTU	88.9 mV	31.73 ft	180.00 ml/min
2/28/2024 4:30 PM	20:00	6.39 pH	19.95 °C	109.96 µS/cm	7.62 mg/L	1.42 NTU	89.0 mV	31.68 ft	160.00 ml/min
2/28/2024 4:35 PM	25:00	6.41 pH	20.24 °C	111.69 µS/cm	7.51 mg/L	0.98 NTU	114.0 mV	31.68 ft	160.00 ml/min

Samples

Sample ID:	Description:
SCH-GWA-17	TDS, chloride, fluoride, sulfate,metals, alkalinity

Low-Flow Test Report:

Test Date / Time: 2/29/2024 3:22:24 PM

Project: Scherer SAGW01 2024 (24)

Operator Name: Mark Mann

Location Name: SCH-GWC-18 Latitude: 33.07858456250094 Longitude: -83.79554607664438 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 61.25 ft Total Depth: 71.25 ft Initial Depth to Water: 35.18 ft	Pump Type: Dedicated Bladder Tubing Type: LDPE Pump Intake From TOC: 62.46 ft Estimated Total Volume Pumped: 4000 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.77 ft	Instrument Used: Aqua TROLL 400 Serial Number: 883553
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Test Notes:

Weather Conditions:

Sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
2/29/2024 3:22 PM	00:00	7.07 pH	17.19 °C	123.74 µS/cm	8.69 mg/L	3.03 NTU	82.0 mV	35.18 ft	200.00 ml/min
2/29/2024 3:27 PM	05:00	6.62 pH	17.14 °C	131.24 µS/cm	6.77 mg/L	2.44 NTU	75.5 mV	35.72 ft	200.00 ml/min
2/29/2024 3:32 PM	10:00	6.54 pH	17.35 °C	130.95 µS/cm	6.75 mg/L	0.96 NTU	74.2 mV	35.92 ft	200.00 ml/min
2/29/2024 3:37 PM	15:00	6.52 pH	17.36 °C	130.57 µS/cm	6.72 mg/L	1.23 NTU	73.5 mV	35.98 ft	200.00 ml/min
2/29/2024 3:42 PM	20:00	6.51 pH	17.36 °C	130.73 µS/cm	6.75 mg/L	1.24 NTU	96.7 mV	35.95 ft	200.00 ml/min

Samples

Sample ID:	Description:
SCH-GWC-18	

Low-Flow Test Report:

Test Date / Time: 2/29/2024 2:20:45 PM

Project: Scherer SAGW01 2024 (23)

Operator Name: Mark Mann

Location Name: SCH-GWC-19 Latitude: 33.07764603307366 Longitude: -83.79410872196407 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 52.75 ft Total Depth: 62.75 ft Initial Depth to Water: 38.46 ft	Pump Type: Dedicated Bladder Tubing Type: LDPE Pump Intake From TOC: 54.51 ft Estimated Total Volume Pumped: 4000 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 1.32 ft	Instrument Used: Aqua TROLL 400 Serial Number: 883553
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Test Notes:

Weather Conditions:

Sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
2/29/2024 2:20 PM	00:00	6.87 pH	15.79 °C	199.53 µS/cm	9.50 mg/L	6.63 NTU	119.8 mV	38.46 ft	200.00 ml/min
2/29/2024 2:25 PM	05:00	6.37 pH	17.63 °C	198.56 µS/cm	5.63 mg/L	1.86 NTU	100.4 mV	39.45 ft	200.00 ml/min
2/29/2024 2:30 PM	10:00	6.34 pH	17.62 °C	198.11 µS/cm	5.47 mg/L	0.94 NTU	76.1 mV	39.71 ft	200.00 ml/min
2/29/2024 2:35 PM	15:00	6.34 pH	17.63 °C	197.69 µS/cm	5.35 mg/L	0.65 NTU	76.4 mV	39.72 ft	200.00 ml/min
2/29/2024 2:40 PM	20:00	6.33 pH	17.81 °C	197.09 µS/cm	5.32 mg/L	0.33 NTU	76.7 mV	39.78 ft	200.00 ml/min

Samples

Sample ID:	Description:
SCH-GWC-19	

Low-Flow Test Report:

Test Date / Time: 3/1/2024 10:11:37 AM

Project: Scherer SAGW01 2024 (27)

Operator Name: Mark Mann

Location Name: SCH-GWC-20 Latitude: 33.07847249037391 Longitude: -83.79251257690875 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 62.7 ft Total Depth: 72.7 ft Initial Depth to Water: 45.64 ft	Pump Type: Dedicated Bladder Tubing Type: LDPE Pump Intake From TOC: 64.76 ft Estimated Total Volume Pumped: 3829.333 ml Flow Cell Volume: 90 ml Final Flow Rate: 160 ml/min Final Draw Down: 0.15 ft	Instrument Used: Aqua TROLL 400 Serial Number: 883553
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Test Notes:

Weather Conditions:

Rain

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
3/1/2024 10:11 AM	00:00	6.39 pH	7.12 °C	160.92 µS/cm	11.14 mg/L	0.59 NTU	90.2 mV	45.64 ft	160.00 ml/min
3/1/2024 10:15 AM	03:56	6.68 pH	13.97 °C	172.78 µS/cm	6.56 mg/L	1.35 NTU	101.4 mV	45.79 ft	160.00 ml/min
3/1/2024 10:20 AM	08:56	6.72 pH	14.99 °C	170.19 µS/cm	6.32 mg/L	1.80 NTU	99.4 mV	45.82 ft	160.00 ml/min
3/1/2024 10:25 AM	13:56	6.73 pH	15.13 °C	170.24 µS/cm	6.29 mg/L	2.28 NTU	83.5 mV	45.83 ft	160.00 ml/min
3/1/2024 10:30 AM	18:56	6.76 pH	14.03 °C	167.67 µS/cm	6.15 mg/L	2.56 NTU	81.3 mV	45.86 ft	160.00 ml/min
3/1/2024 10:35 AM	23:56	6.73 pH	15.03 °C	171.45 µS/cm	6.25 mg/L	2.11 NTU	80.0 mV	45.79 ft	160.00 ml/min

Samples

Sample ID:	Description:
SCH-GWC-20	

Low-Flow Test Report:

Test Date / Time: 2/29/2024 3:38:44 PM

Project: SHEW

Operator Name: MW

Location Name: SCH-GWA-21 Latitude: 33.08045152112197 Longitude: -83.79809455953892 Well Diameter: 2 in Casing Type: PVC-40 Screen Length: 10 ft Top of Screen: 10.6 ft Total Depth: 20.6 ft Initial Depth to Water: 5.05 m	Pump Type: Dedicated bladder MP-50 Tubing Type: Tru Poly Estimated Total Volume Pumped: 3500 ml Flow Cell Volume: 90 ml Final Flow Rate: 140 ml/min Final Draw Down: -4.997 m	Instrument Used: Aqua TROLL 400 Serial Number: 850735
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Test Notes:

Weather Conditions:

Overcast

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
2/29/2024 3:40 PM	00:00	5.77 pH	15.48 °C	97.84 µS/cm	2.86 mg/L	2.83 NTU	207.2 mV	5.37 ft	140.00 ml/min
2/29/2024 3:45 PM	05:00	5.78 pH	15.30 °C	97.90 µS/cm	2.91 mg/L	2.18 NTU	159.0 mV	5.35 ft	140.00 ml/min
2/29/2024 3:50 PM	10:00	5.78 pH	15.25 °C	98.07 µS/cm	2.86 mg/L	1.48 NTU	150.6 mV	5.35 ft	140.00 ml/min
2/29/2024 3:55 PM	15:00	5.78 pH	15.26 °C	98.06 µS/cm	2.87 mg/L	1.49 NTU	139.0 mV	5.35 ft	140.00 ml/min
2/29/2024 4:00 PM	20:00	5.79 pH	15.26 °C	97.42 µS/cm	2.87 mg/L	1.49 NTU	131.1 mV	5.35 ft	140.00 ml/min
2/29/2024 4:05 PM	25:00	5.80 pH	15.24 °C	97.41 µS/cm	2.84 mg/L	1.29 NTU	125.8 mV	5.35 ft	140.00 ml/min

Samples

Sample ID:	Description:
SCH-GWA-21	TDS chloride alkalinity 6020B 7470A

Low-Flow Test Report:

Test Date / Time: 3/4/2024 11:48:46 AM

Project: Scherer SAGW01 2024 (29)

Operator Name: Mark Mann

Location Name: SCH-GWA-22 Latitude: 33.081232295402465 Longitude: -83.79808357924577 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 32.5 ft Total Depth: 42.5 ft Initial Depth to Water: 24.14 ft	Pump Type: Peristaltic Tubing Type: LDPE Pump Intake From TOC: 45 ft Estimated Total Volume Pumped: 3400 ml Flow Cell Volume: 90 ml Final Flow Rate: 170 ml/min Final Draw Down: 0.26 ft	Instrument Used: Aqua TROLL 400 Serial Number: 883553
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Test Notes:

Weather Conditions:

Sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
3/4/2024 11:48 AM	00:00	6.46 pH	19.45 °C	116.07 µS/cm	5.69 mg/L	5.72 NTU	58.7 mV	24.14 ft	170.00 ml/min
3/4/2024 11:53 AM	05:00	6.41 pH	18.21 °C	124.56 µS/cm	3.90 mg/L	3.01 NTU	48.7 mV	24.40 ft	170.00 ml/min
3/4/2024 11:58 AM	10:00	6.42 pH	18.10 °C	124.44 µS/cm	3.86 mg/L	3.54 NTU	51.9 mV	24.39 ft	170.00 ml/min
3/4/2024 12:03 PM	15:00	6.42 pH	18.07 °C	123.79 µS/cm	3.84 mg/L	3.98 NTU	54.1 mV	24.40 ft	170.00 ml/min
3/4/2024 12:08 PM	20:00	6.41 pH	18.08 °C	122.96 µS/cm	3.82 mg/L	3.11 NTU	53.6 mV	24.40 ft	170.00 ml/min

Samples

Sample ID:	Description:
SCH-GWA-22	
SCH-PAC-FB-7	

Low-Flow Test Report:

Test Date / Time: 3/4/2024 3:18:56 PM

Project: Scherer SAGW (4)

Operator Name: T Johnson

Location Name: SCH-GWC-29 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 17 ft Total Depth: 27 ft Initial Depth to Water: 5.75 ft	Pump Type: Dedicated Tubing Type: True poly Pump Intake From TOC: 22 ft Estimated Total Volume Pumped: 3200 ml Flow Cell Volume: 90 ml Final Flow Rate: 160 ml/min Final Draw Down: 0.18 ft	Instrument Used: Aqua TROLL 400 Serial Number: 843593
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
3/4/2024 3:20 PM	00:00	6.61 pH	17.68 °C	191.36 µS/cm	0.67 mg/L	0.54 NTU	318.4 mV	5.93 ft	160.00 ml/min
3/4/2024 3:25 PM	05:00	6.54 pH	17.23 °C	193.62 µS/cm	0.35 mg/L	0.46 NTU	351.6 mV	5.91 ft	160.00 ml/min
3/4/2024 3:30 PM	10:00	6.54 pH	17.14 °C	193.86 µS/cm	0.34 mg/L	0.41 NTU	361.8 mV	5.92 ft	160.00 ml/min
3/4/2024 3:35 PM	15:00	6.53 pH	17.18 °C	193.69 µS/cm	0.30 mg/L	0.62 NTU	366.2 mV	5.93 ft	160.00 ml/min
3/4/2024 3:40 PM	20:00	6.52 pH	17.16 °C	194.11 µS/cm	0.31 mg/L	0.55 NTU	371.2 mV	5.93 ft	160.00 ml/min

Samples

Sample ID:	Description:
SCH-GWC-29	Metals, alkalinity, chloride, fluoride, sulfate, TDS

Low-Flow Test Report:

Test Date / Time: 3/4/2024 11:28:55 AM

Project: Scherer SAGW

Operator Name: T Johnson

Location Name: SCH-GWA-45 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 26 ft Total Depth: 36 ft Initial Depth to Water: 15.77 ft	Pump Type: Dedicated Tubing Type: True poly Pump Intake From TOC: 31 ft Estimated Total Volume Pumped: 3200 ml Flow Cell Volume: 90 ml Final Flow Rate: 160 ml/min Final Draw Down: 0.78 ft	Instrument Used: Aqua TROLL 400 Serial Number: 843593
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Test Notes:

Pre purged 1.5 L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
3/4/2024 11:30 AM	00:00	6.57 pH	17.84 °C	480.70 µS/cm	1.27 mg/L	3.75 NTU	72.1 mV	16.27 ft	160.00 ml/min
3/4/2024 11:35 AM	05:00	6.54 pH	17.57 °C	473.90 µS/cm	0.75 mg/L	3.91 NTU	90.1 mV	16.49 ft	160.00 ml/min
3/4/2024 11:40 AM	10:00	6.52 pH	17.54 °C	474.60 µS/cm	0.46 mg/L	4.63 NTU	86.6 mV	16.55 ft	160.00 ml/min
3/4/2024 11:45 AM	15:00	6.52 pH	17.53 °C	473.09 µS/cm	0.44 mg/L	3.99 NTU	85.6 mV	16.56 ft	160.00 ml/min
3/4/2024 11:50 AM	20:00	6.54 pH	17.54 °C	470.85 µS/cm	0.37 mg/L	3.95 NTU	83.9 mV	16.55 ft	160.00 ml/min

Samples

Sample ID:	Description:
SCH-GWA-45	Metals, TDS, alkalinity, chloride, fluoride, sulfate

Low-Flow Test Report:

Test Date / Time: 3/4/2024 11:27:16 AM

Project: Scherer SAGW01 2024

Operator Name: John Bankhead

Location Name: SCH-GWA-46 Latitude: 33.08078549805384 Longitude: -83.80217394799348 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 37 ft Total Depth: 47 ft Initial Depth to Water: 32.69 ft	Pump Type: Dedicated Bladder Tubing Type: LDPE Pump Intake From TOC: 38.44 ft Estimated Total Volume Pumped: 3600 ml Flow Cell Volume: 90 ml Final Flow Rate: 120 ml/min Final Draw Down: 0.2 ft	Instrument Used: Aqua TROLL 400 Serial Number: 980712
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Test Notes:

Weather Conditions:

Cloudy

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
3/4/2024 11:27 AM	00:00	7.47 pH	19.46 °C	96.29 µS/cm	8.49 mg/L	0.60 NTU	123.6 mV	32.69 ft	120.00 ml/min
3/4/2024 11:32 AM	05:00	6.05 pH	18.38 °C	83.94 µS/cm	3.96 mg/L	0.65 NTU	79.3 mV	32.91 ft	120.00 ml/min
3/4/2024 11:37 AM	10:00	6.01 pH	18.12 °C	83.26 µS/cm	3.14 mg/L	0.38 NTU	69.5 mV	32.91 ft	120.00 ml/min
3/4/2024 11:42 AM	15:00	5.98 pH	18.07 °C	81.92 µS/cm	2.93 mg/L	0.46 NTU	89.1 mV	32.90 ft	120.00 ml/min
3/4/2024 11:47 AM	20:00	5.97 pH	18.07 °C	81.49 µS/cm	2.51 mg/L	0.42 NTU	64.3 mV	32.90 ft	120.00 ml/min
3/4/2024 11:52 AM	25:00	5.95 pH	18.09 °C	81.19 µS/cm	2.33 mg/L	0.60 NTU	62.8 mV	32.89 ft	120.00 ml/min
3/4/2024 11:57 AM	30:00	5.94 pH	18.11 °C	81.00 µS/cm	2.29 mg/L	0.41 NTU	83.1 mV	32.89 ft	120.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 3/4/2024 12:34:45 PM

Project: Scherer SAGW01 2024

Operator Name: John Bankhead

Location Name: SCH-GWA-47 Latitude: 33.081018766419106 Longitude: -83.8010090310907 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 46.55 ft Total Depth: 56.55 ft Initial Depth to Water: 40.55 ft	Pump Type: Dedicated Bladder Tubing Type: LDPE Pump Intake From TOC: 48.02 ft Estimated Total Volume Pumped: 3000 ml Flow Cell Volume: 90 ml Final Flow Rate: 120 ml/min Final Draw Down: 0.93 ft	Instrument Used: Aqua TROLL 400 Serial Number: 980712
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Test Notes:

Weather Conditions:

Cloudy

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
3/4/2024 12:34 PM	00:00	6.39 pH	18.69 °C	117.58 µS/cm	8.78 mg/L	1.00 NTU	81.5 mV	40.55 ft	120.00 ml/min
3/4/2024 12:39 PM	05:00	6.51 pH	18.21 °C	138.46 µS/cm	6.77 mg/L	0.37 NTU	66.1 mV	41.21 ft	120.00 ml/min
3/4/2024 12:44 PM	10:00	6.50 pH	18.16 °C	139.13 µS/cm	6.56 mg/L	0.15 NTU	64.4 mV	41.41 ft	120.00 ml/min
3/4/2024 12:49 PM	15:00	6.50 pH	18.18 °C	139.98 µS/cm	6.36 mg/L	0.15 NTU	84.9 mV	41.49 ft	120.00 ml/min
3/4/2024 12:54 PM	20:00	6.49 pH	18.19 °C	140.13 µS/cm	6.27 mg/L	0.14 NTU	86.2 mV	41.48 ft	120.00 ml/min
3/4/2024 12:59 PM	25:00	6.49 pH	18.19 °C	140.11 µS/cm	6.25 mg/L	0.17 NTU	86.7 mV	41.48 ft	120.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 3/4/2024 1:37:04 PM

Project: Scherer SAGW01 2024

Operator Name: John Bankhead

Location Name: SCH-GWA-48 Latitude: 33.08122110556167 Longitude: -83.79985844724234 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 63.92 ft Total Depth: 73.92 ft Initial Depth to Water: 38.29 ft	Pump Type: Dedicated Bladder Tubing Type: LDPE Pump Intake From TOC: 68.92 ft Estimated Total Volume Pumped: 3000 ml Flow Cell Volume: 90 ml Final Flow Rate: 150 ml/min Final Draw Down: 1.96 ft	Instrument Used: Aqua TROLL 400 Serial Number: 980712
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Test Notes:

Weather Conditions:

Cloudy

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
3/4/2024 1:37 PM	00:00	8.01 pH	18.96 °C	127.63 µS/cm	8.97 mg/L	2.05 NTU	70.4 mV	38.29 ft	150.00 ml/min
3/4/2024 1:42 PM	05:00	6.93 pH	18.18 °C	123.41 µS/cm	5.81 mg/L	1.02 NTU	52.5 mV	39.34 ft	150.00 ml/min
3/4/2024 1:47 PM	10:00	6.85 pH	18.11 °C	124.47 µS/cm	5.64 mg/L	0.61 NTU	68.6 mV	39.82 ft	150.00 ml/min
3/4/2024 1:52 PM	15:00	6.85 pH	18.15 °C	124.92 µS/cm	5.46 mg/L	0.80 NTU	69.8 mV	40.15 ft	150.00 ml/min
3/4/2024 1:57 PM	20:00	6.86 pH	18.11 °C	125.00 µS/cm	5.44 mg/L	2.19 NTU	70.5 mV	40.25 ft	150.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 3/4/2024 2:28:05 PM

Project: Scherer SAGW01 2024

Operator Name: John Bankhead

Location Name: SCH-GWA-49 Latitude: 33.08142818047952 Longitude: -83.79875035964307 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 31 ft Total Depth: 41 ft Initial Depth to Water: 10.88 ft	Pump Type: Dedicated Bladder Tubing Type: LDPE Pump Intake From TOC: 36 ft Estimated Total Volume Pumped: 3000 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.74 ft	Instrument Used: Aqua TROLL 400 Serial Number: 980712
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Test Notes:

Weather Conditions:

Cloudy

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
3/4/2024 2:28 PM	00:00	7.02 pH	20.32 °C	146.04 µS/cm	8.12 mg/L	2.09 NTU	69.7 mV	10.88 ft	200.00 ml/min
3/4/2024 2:33 PM	05:00	6.97 pH	18.03 °C	147.40 µS/cm	7.52 mg/L	1.27 NTU	73.4 mV	11.47 ft	200.00 ml/min
3/4/2024 2:38 PM	10:00	6.97 pH	18.00 °C	147.13 µS/cm	7.43 mg/L	3.48 NTU	71.3 mV	11.56 ft	200.00 ml/min
3/4/2024 2:43 PM	15:00	6.96 pH	17.98 °C	146.53 µS/cm	7.40 mg/L	4.95 NTU	72.3 mV	11.62 ft	200.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 3/4/2024 2:21:42 PM

Project: Scherer SAGW01 2024 (32)

Operator Name: Mark Mann

Location Name: SCH-GWC-50 Latitude: 33.07838208203778 Longitude: -83.79984757433972 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 26.3 ft Total Depth: 36.3 ft Initial Depth to Water: 8.68 ft	Pump Type: Bladder Tubing Type: LDPE Pump Intake From TOC: 28.07 ft Estimated Total Volume Pumped: 3350.667 ml Flow Cell Volume: 90 ml Final Flow Rate: 140 ml/min Final Draw Down: 0.34 ft	Instrument Used: Aqua TROLL 400 Serial Number: 883553
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Test Notes:

Weather Conditions:

Sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
3/4/2024 2:21 PM	00:00	7.48 pH	20.23 °C	92.92 µS/cm	3.63 mg/L	2.57 NTU	70.3 mV	8.68 ft	140.00 ml/min
3/4/2024 2:25 PM	03:56	5.92 pH	18.52 °C	87.52 µS/cm	0.64 mg/L	0.84 NTU	52.8 mV	9.02 ft	140.00 ml/min
3/4/2024 2:30 PM	08:56	5.78 pH	18.42 °C	87.86 µS/cm	0.31 mg/L	0.39 NTU	71.2 mV	9.02 ft	140.00 ml/min
3/4/2024 2:35 PM	13:56	5.76 pH	18.49 °C	88.15 µS/cm	0.25 mg/L	0.52 NTU	115.8 mV	8.98 ft	140.00 ml/min
3/4/2024 2:40 PM	18:56	5.78 pH	18.58 °C	88.52 µS/cm	0.25 mg/L	0.47 NTU	158.3 mV	8.99 ft	140.00 ml/min
3/4/2024 2:45 PM	23:56	5.77 pH	18.61 °C	88.45 µS/cm	0.24 mg/L	0.54 NTU	296.0 mV	9.02 ft	140.00 ml/min

Samples

Sample ID:	Description:
SCH-GWC-50	

Low-Flow Test Report:

Test Date / Time: 3/4/2024 1:22:27 PM

Project: Scherer SAGW01 2024 (31)

Operator Name: Mark Mann

Location Name: SCH-GWC-51 Latitude: 33.07817524767775 Longitude: -83.8014826086199 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 16.8 ft Total Depth: 26.8 ft Initial Depth to Water: 8.49 ft	Pump Type: Alexis Peristaltic Tubing Type: LDPE Pump Intake From TOC: 21 ft Estimated Total Volume Pumped: 3000 ml Flow Cell Volume: 90 ml Final Flow Rate: 150 ml/min Final Draw Down: 1.17 ft	Instrument Used: Aqua TROLL 400 Serial Number: 883553
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Test Notes:

Weather Conditions:

Sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
3/4/2024 1:22 PM	00:00	5.74 pH	18.98 °C	105.89 µS/cm	4.47 mg/L	20.80 NTU	132.2 mV	8.49 ft	150.00 ml/min
3/4/2024 1:27 PM	05:00	5.85 pH	18.57 °C	107.64 µS/cm	0.29 mg/L	11.40 NTU	311.2 mV	9.68 ft	150.00 ml/min
3/4/2024 1:32 PM	10:00	5.86 pH	18.70 °C	107.48 µS/cm	0.22 mg/L	7.04 NTU	413.7 mV	9.65 ft	150.00 ml/min
3/4/2024 1:37 PM	15:00	5.85 pH	18.79 °C	107.53 µS/cm	0.18 mg/L	2.57 NTU	504.5 mV	9.64 ft	150.00 ml/min
3/4/2024 1:42 PM	20:00	5.85 pH	18.83 °C	107.40 µS/cm	0.15 mg/L	2.28 NTU	531.3 mV	9.66 ft	150.00 ml/min

Samples

Sample ID:	Description:
SCH-GWC-51	

Low-Flow Test Report:

Test Date / Time: 3/4/2024 2:03:57 PM

Project: Scherer SAGW (3)

Operator Name: T Johnson

Location Name: SCH-GWC-52 Well Diameter: 2 ft Casing Type: PVC Screen Length: 10 ft Top of Screen: 22.8 ft Total Depth: 32.8 ft Initial Depth to Water: 9.2 ft	Pump Type: Dedicated Tubing Type: True poly Pump Intake From TOC: 27.8 ft Estimated Total Volume Pumped: 3200 ml Flow Cell Volume: 90 ml Final Flow Rate: 160 ml/min Final Draw Down: 0.16 ft	Instrument Used: Aqua TROLL 400 Serial Number: 843593
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
3/4/2024 2:05 PM	00:00	7.31 pH	18.26 °C	298.32 µS/cm	2.12 mg/L	1.08 NTU	152.9 mV	9.37 ft	160.00 ml/min
3/4/2024 2:10 PM	05:00	7.11 pH	18.18 °C	302.28 µS/cm	0.70 mg/L	1.77 NTU	290.6 mV	9.38 ft	160.00 ml/min
3/4/2024 2:15 PM	10:00	7.05 pH	18.17 °C	301.96 µS/cm	0.49 mg/L	2.20 NTU	326.9 mV	9.38 ft	160.00 ml/min
3/4/2024 2:20 PM	15:00	7.02 pH	18.17 °C	301.43 µS/cm	0.47 mg/L	1.81 NTU	368.2 mV	9.37 ft	160.00 ml/min
3/4/2024 2:25 PM	20:00	7.01 pH	18.16 °C	301.90 µS/cm	0.51 mg/L	1.40 NTU	380.9 mV	9.36 ft	160.00 ml/min

Samples

Sample ID:	Description:
SCH-GWC-52	Metals, alkalinity, TDS, chloride, fluoride, sulfate

Low-Flow Test Report:

Test Date / Time: 3/4/2024 12:26:49 PM

Project: Scherer SAGW (2)

Operator Name: T Johnson

Location Name: SCH-GWC-53 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 22.8 ft Total Depth: 32.8 ft Initial Depth to Water: 10.67 ft	Pump Type: Dedicated Tubing Type: True poly Pump Intake From TOC: 24.19 ft Estimated Total Volume Pumped: 160 ml Flow Cell Volume: 90 ml Final Flow Rate: 160 ml/min Final Draw Down: 0.26 ft	Instrument Used: Aqua TROLL 400 Serial Number: 843593
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
3/4/2024 12:27 PM	00:00	6.28 pH	16.69 °C	462.85 µS/cm	1.84 mg/L	0.57 NTU	105.6 mV	11.00 ft	180.00 ml/min
3/4/2024 12:32 PM	05:00	6.04 pH	16.60 °C	469.38 µS/cm	0.86 mg/L	1.09 NTU	96.1 mV	11.01 ft	180.00 ml/min
3/4/2024 12:37 PM	10:00	5.97 pH	16.60 °C	470.44 µS/cm	0.55 mg/L	1.99 NTU	89.9 mV	11.01 ft	180.00 ml/min
3/4/2024 12:42 PM	15:00	5.95 pH	16.62 °C	471.10 µS/cm	0.50 mg/L	2.86 NTU	85.9 mV	10.95 ft	160.00 ml/min
3/4/2024 12:47 PM	20:00	5.94 pH	16.59 °C	470.38 µS/cm	0.75 mg/L	2.28 NTU	83.3 mV	10.95 ft	160.00 ml/min
3/4/2024 12:52 PM	25:00	5.92 pH	16.61 °C	470.53 µS/cm	0.77 mg/L	2.14 NTU	82.4 mV	10.93 ft	160.00 ml/min
3/4/2024 12:57 PM	30:00	5.90 pH	16.65 °C	470.73 µS/cm	0.69 mg/L	2.42 NTU	81.3 mV	10.93 ft	160.00 ml/min

Samples

Sample ID:	Description:
SCH-GWC-53	Metals, alkalinity, TDS, Chloride, fluoride, sulfate

Low-Flow Test Report:

Test Date / Time: 2/22/2024 10:21:43 AM

Project: Scherer SAE (6)

Operator Name: T Johnson

Location Name: SCH-GWC-30 Well Diameter: 2 ft Casing Type: PVC Screen Length: 10 ft Top of Screen: 10.3 ft Total Depth: 20.3 m Initial Depth to Water: 5.87 ft	Pump Type: Peristaltic Tubing Type: True poly Pump Intake From TOC: 15.3 ft Estimated Total Volume Pumped: 11250 ml Flow Cell Volume: 90 ml Final Flow Rate: 250 ml/min Final Draw Down: 0.18 ft	Instrument Used: Aqua TROLL 400 Serial Number: 843593
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Test Notes:

Pre purged 1.5 L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 5	
2/22/2024 10:21 AM	00:00	6.36 pH	15.27 °C	222.87 µS/cm	3.51 mg/L	29.00 NTU	73.1 mV	6.02 ft	250.00 ml/min
2/22/2024 10:26 AM	05:00	6.39 pH	15.56 °C	222.21 µS/cm	3.48 mg/L	24.20 NTU	75.1 mV	6.02 ft	250.00 ml/min
2/22/2024 10:31 AM	10:00	6.39 pH	15.75 °C	224.30 µS/cm	3.46 mg/L	16.60 NTU	84.6 mV	6.03 ft	250.00 ml/min
2/22/2024 10:36 AM	15:00	6.41 pH	16.02 °C	226.99 µS/cm	3.39 mg/L	10.90 NTU	81.6 mV	6.04 ft	250.00 ml/min
2/22/2024 10:41 AM	20:00	6.42 pH	15.93 °C	227.82 µS/cm	3.29 mg/L	8.50 NTU	88.8 mV	6.04 ft	250.00 ml/min
2/22/2024 10:46 AM	25:00	6.43 pH	16.08 °C	229.14 µS/cm	3.16 mg/L	8.11 NTU	89.8 mV	6.05 ft	250.00 ml/min
2/22/2024 10:51 AM	30:00	6.45 pH	16.13 °C	230.14 µS/cm	3.09 mg/L	4.63 NTU	97.8 mV	6.04 ft	250.00 ml/min
2/22/2024 10:56 AM	35:00	6.45 pH	16.20 °C	232.31 µS/cm	2.94 mg/L	4.24 NTU	94.8 mV	6.05 ft	250.00 ml/min
2/22/2024 11:01 AM	40:00	6.47 pH	16.19 °C	231.72 µS/cm	2.88 mg/L	4.55 NTU	101.8 mV	6.05 ft	250.00 ml/min
2/22/2024 11:06 AM	45:00	6.47 pH	16.29 °C	233.89 µS/cm	2.81 mg/L	3.00 NTU	97.5 mV	6.05 ft	250.00 ml/min

Samples

Sample ID:	Description:
SCH-GWC-30	Metals, radium, TDS, Chloride, fluoride, sulfate

Low-Flow Test Report:

Test Date / Time: 2/22/2024 11:27:04 AM

Project: SCHERER SAGW 1 (2)

Operator Name: P Wahl

Location Name: SCH-GWC-31 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 12.4 ft Total Depth: 22.4 ft Initial Depth to Water: 5.38 ft	Pump Type: Peristaltic Tubing Type: LDPE Pump Intake From TOC: 17.4 m Estimated Total Volume Pumped: 3000 ml Flow Cell Volume: 90 ml Final Flow Rate: 100 ml/min Final Draw Down: 0.45 ft	Instrument Used: Aqua TROLL 400 Serial Number: 1080297
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 10	+/- 10	+/- 0.3	
2/22/2024 11:27 AM	00:00	6.87 pH	21.18 °C	169.03 µS/cm	4.73 mg/L	7.09 NTU	88.2 mV	5.38 ft	100.00 ml/min
2/22/2024 11:32 AM	05:00	6.77 pH	17.08 °C	182.51 µS/cm	2.20 mg/L	7.17 NTU	49.2 mV	5.76 ft	100.00 ml/min
2/22/2024 11:37 AM	10:00	6.75 pH	16.81 °C	183.75 µS/cm	2.12 mg/L	5.53 NTU	59.7 mV	5.78 ft	100.00 ml/min
2/22/2024 11:42 AM	15:00	6.77 pH	16.66 °C	184.61 µS/cm	2.03 mg/L	5.00 NTU	40.1 mV	5.79 ft	100.00 ml/min
2/22/2024 11:47 AM	20:00	6.78 pH	16.48 °C	185.76 µS/cm	2.03 mg/L	3.35 NTU	38.5 mV	5.80 ft	100.00 ml/min
2/22/2024 11:52 AM	25:00	6.77 pH	16.24 °C	187.42 µS/cm	1.97 mg/L	3.38 NTU	53.4 mV	5.82 ft	100.00 ml/min
2/22/2024 11:57 AM	30:00	6.77 pH	16.21 °C	187.71 µS/cm	1.96 mg/L	3.08 NTU	37.6 mV	5.83 ft	100.00 ml/min

Samples

Sample ID:	Description:
SCH-GWC-31	

Low-Flow Test Report:

Test Date / Time: 2/22/2024 1:39:40 PM

Project: SCHERER SAGW 1 (3)

Operator Name: P Wahl

Location Name: SCH-GWC-32 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 27 ft Total Depth: 37 ft Initial Depth to Water: 23.17 ft	Pump Type: Peristaltic Tubing Type: LDPE Pump Intake From TOC: 32 m Estimated Total Volume Pumped: 4000 ml Flow Cell Volume: 90 ml Final Flow Rate: 100 ml/min Final Draw Down: 2.93 ft	Instrument Used: Aqua TROLL 400 Serial Number: 1080297
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 10	+/- 10	+/- 0.3	
2/22/2024 1:39 PM	00:00	6.54 pH	27.48 °C	147.68 µS/cm	5.36 mg/L	6.15 NTU	87.6 mV	23.17 ft	100.00 ml/min
2/22/2024 1:44 PM	05:00	6.35 pH	20.82 °C	158.09 µS/cm	4.60 mg/L	5.22 NTU	66.5 mV	24.33 ft	100.00 ml/min
2/22/2024 1:49 PM	10:00	6.36 pH	20.25 °C	159.14 µS/cm	4.68 mg/L	4.17 NTU	89.2 mV	24.72 ft	100.00 ml/min
2/22/2024 1:54 PM	15:00	6.36 pH	20.12 °C	159.14 µS/cm	4.86 mg/L	4.60 NTU	58.9 mV	25.10 ft	100.00 ml/min
2/22/2024 1:59 PM	20:00	6.38 pH	19.88 °C	159.09 µS/cm	5.22 mg/L	3.80 NTU	87.1 mV	25.39 ft	100.00 ml/min
2/22/2024 2:04 PM	25:00	6.36 pH	19.97 °C	159.76 µS/cm	5.25 mg/L	4.39 NTU	88.6 mV	25.64 ft	100.00 ml/min
2/22/2024 2:09 PM	30:00	6.38 pH	19.74 °C	158.95 µS/cm	5.32 mg/L	3.54 NTU	58.2 mV	25.86 ft	100.00 ml/min
2/22/2024 2:14 PM	35:00	6.38 pH	19.84 °C	159.55 µS/cm	5.39 mg/L	3.47 NTU	58.0 mV	26.06 ft	100.00 ml/min
2/22/2024 2:19 PM	40:00	6.36 pH	19.62 °C	159.32 µS/cm	5.14 mg/L	2.93 NTU	87.3 mV	26.10 ft	100.00 ml/min

Samples

Sample ID:	Description:
SCH-GWC-32	

Low-Flow Test Report:

Test Date / Time: 2/22/2024 3:17:00 PM

Project: SCHERER SAGW 1 (4)

Operator Name: P Wahl

Location Name: SCH-GWC-33A Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 16.73 ft Total Depth: 26.73 ft Initial Depth to Water: 9.44 ft	Pump Type: Peristaltic Tubing Type: LDPE Pump Intake From TOC: 21.73 ft Estimated Total Volume Pumped: 8000 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.24 ft	Instrument Used: Aqua TROLL 400 Serial Number: 1080297
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 10	+/- 10	+/- 0.3	
2/22/2024 3:17 PM	00:00	6.58 pH	26.22 °C	131.19 µS/cm	5.84 mg/L	8.15 NTU	84.3 mV	9.44 ft	200.00 ml/min
2/22/2024 3:22 PM	05:00	6.47 pH	19.09 °C	145.70 µS/cm	5.61 mg/L	14.00 NTU	55.5 mV	9.60 ft	200.00 ml/min
2/22/2024 3:27 PM	10:00	6.48 pH	18.54 °C	146.61 µS/cm	5.64 mg/L	14.30 NTU	51.5 mV	9.62 ft	200.00 ml/min
2/22/2024 3:32 PM	15:00	6.47 pH	18.60 °C	146.09 µS/cm	5.59 mg/L	16.20 NTU	51.9 mV	9.64 ft	200.00 ml/min
2/22/2024 3:37 PM	20:00	6.47 pH	18.65 °C	146.05 µS/cm	5.70 mg/L	10.40 NTU	52.3 mV	9.68 ft	200.00 ml/min
2/22/2024 3:42 PM	25:00	6.48 pH	18.52 °C	145.96 µS/cm	5.67 mg/L	8.20 NTU	52.3 mV	9.68 ft	200.00 ml/min
2/22/2024 3:47 PM	30:00	6.48 pH	18.59 °C	145.63 µS/cm	5.61 mg/L	6.97 NTU	52.1 mV	9.68 ft	200.00 ml/min
2/22/2024 3:52 PM	35:00	6.46 pH	18.55 °C	145.42 µS/cm	5.57 mg/L	4.91 NTU	53.0 mV	9.68 ft	200.00 ml/min
2/22/2024 3:57 PM	40:00	6.48 pH	18.51 °C	144.04 µS/cm	5.60 mg/L	3.96 NTU	53.0 mV	9.68 ft	200.00 ml/min

Samples

Sample ID:	Description:
SCH-GWC-33A	

Low-Flow Test Report:

Test Date / Time: 2/26/2024 11:06:53 AM

Project: SCHERER SAGW 1 (7)

Operator Name: P Wahl

Location Name: SCH-GWC-34 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 12.3 ft Total Depth: 22.3 ft Initial Depth to Water: 7.35 ft	Pump Type: Peristaltic Tubing Type: LDPE Pump Intake From TOC: 17 ft Estimated Total Volume Pumped: 3000 ml Flow Cell Volume: 90 ml Final Flow Rate: 150 ml/min Final Draw Down: 0.32 ft	Instrument Used: Aqua TROLL 400 Serial Number: 1080297
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 10	+/- 10	+/- 0.3	
2/26/2024 11:06 AM	00:00	6.31 pH	23.19 °C	149.88 µS/cm	5.29 mg/L	2.65 NTU	151.4 mV	7.35 ft	150.00 ml/min
2/26/2024 11:11 AM	05:00	6.21 pH	18.61 °C	136.65 µS/cm	3.37 mg/L	0.57 NTU	50.3 mV	7.63 ft	150.00 ml/min
2/26/2024 11:16 AM	10:00	6.21 pH	18.51 °C	137.39 µS/cm	3.33 mg/L	0.47 NTU	44.3 mV	7.65 ft	150.00 ml/min
2/26/2024 11:21 AM	15:00	6.24 pH	18.52 °C	137.10 µS/cm	3.28 mg/L	0.67 NTU	43.1 mV	7.66 ft	150.00 ml/min
2/26/2024 11:26 AM	20:00	6.25 pH	18.37 °C	137.72 µS/cm	3.36 mg/L	0.48 NTU	44.0 mV	7.67 ft	150.00 ml/min

Samples

Sample ID:	Description:
SCH-GWC-34	

Low-Flow Test Report:

Test Date / Time: 2/22/2024 2:31:34 PM

Project: Scherer SAGW01 2024 (4)

Operator Name: Mark Mann

Location Name: SCH-GWC-35 Latitude: 33.072686026050626 Longitude: -83.79673595692886 Casing Type: PVC Screen Length: 10 ft Top of Screen: 12.7 ft Total Depth: 22.7 ft Initial Depth to Water: 4.6 ft	Pump Type: Peristaltic Tubing Type: LDPE Pump Intake From TOC: 17.7 ft Estimated Total Volume Pumped: 5000 ml Flow Cell Volume: 90 ml Final Flow Rate: 250 ml/min Final Draw Down: 0.13 ft	Instrument Used: Aqua TROLL 400 Serial Number: 883553
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Test Notes:

Weather Conditions:

Sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
2/22/2024 2:31 PM	00:00	6.40 pH	26.10 °C	394.05 µS/cm	1.33 mg/L	4.50 NTU	72.8 mV	4.60 ft	250.00 ml/min
2/22/2024 2:36 PM	05:00	6.52 pH	19.10 °C	446.60 µS/cm	0.16 mg/L	3.71 NTU	32.4 mV	4.73 ft	250.00 ml/min
2/22/2024 2:41 PM	10:00	6.53 pH	18.84 °C	445.62 µS/cm	0.12 mg/L	3.57 NTU	22.6 mV	4.73 ft	250.00 ml/min
2/22/2024 2:46 PM	15:00	6.54 pH	19.00 °C	440.07 µS/cm	0.11 mg/L	2.29 NTU	19.3 mV	4.74 ft	250.00 ml/min
2/22/2024 2:51 PM	20:00	6.55 pH	19.00 °C	438.02 µS/cm	0.10 mg/L	1.27 NTU	18.3 mV	4.73 ft	250.00 ml/min

Samples

Sample ID:	Description:
SCH-GWC-35	

Low-Flow Test Report:

Test Date / Time: 2/22/2024 1:19:02 PM

Project: Scherer SAGW01 2024 (2)

Operator Name: Mark Mann

Location Name: SCH-GWC-36 Latitude: 33.071896812869255 Longitude: -83.79743071307819 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 37.9 ft Total Depth: 47.9 ft Initial Depth to Water: 31.46 ft	Pump Type: Bladder Tubing Type: LDPE Pump Intake From TOC: 43 ft Estimated Total Volume Pumped: 4000 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.32 ft	Instrument Used: Aqua TROLL 400 Serial Number: 883553
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Test Notes:

Weather Conditions:

Sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
2/22/2024 1:19 PM	00:00	6.32 pH	27.80 °C	157.85 µS/cm	5.52 mg/L	16.50 NTU	77.4 mV	31.46 ft	200.00 ml/min
2/22/2024 1:24 PM	05:00	6.01 pH	19.41 °C	168.45 µS/cm	2.78 mg/L	18.00 NTU	56.6 mV	31.76 ft	200.00 ml/min
2/22/2024 1:29 PM	10:00	5.99 pH	18.96 °C	169.70 µS/cm	2.66 mg/L	13.70 NTU	53.0 mV	31.76 ft	200.00 ml/min
2/22/2024 1:34 PM	15:00	5.99 pH	19.03 °C	170.03 µS/cm	2.60 mg/L	8.25 NTU	77.9 mV	31.79 ft	200.00 ml/min
2/22/2024 1:39 PM	20:00	5.99 pH	19.28 °C	169.29 µS/cm	2.52 mg/L	4.01 NTU	75.8 mV	31.78 ft	200.00 ml/min

Samples

Sample ID:	Description:
SCH-GWC-36	

Low-Flow Test Report:

Test Date / Time: 2/22/2024 11:57:50 AM

Project: Scherer SAGW01 2024

Operator Name: Mark Mann

Location Name: SCH-GWC-37 Latitude: 33.07099652479689 Longitude: -83.79762374803778 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 35.81 ft Total Depth: 45.81 ft Initial Depth to Water: 22.95 ft	Pump Type: Peristaltic Tubing Type: LDPE Pump Intake From TOC: 40 ft Estimated Total Volume Pumped: 8250 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.23 ft	Instrument Used: Aqua TROLL 400 Serial Number: 883553
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Test Notes:

Weather Conditions:

Sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
2/22/2024 11:57 AM	00:00	7.08 pH	24.67 °C	144.10 µS/cm	5.10 mg/L	7.54 NTU	52.6 mV	22.95 ft	250.00 ml/min
2/22/2024 12:02 PM	05:00	6.45 pH	18.44 °C	164.44 µS/cm	3.66 mg/L	8.78 NTU	47.8 mV	23.21 ft	250.00 ml/min
2/22/2024 12:07 PM	10:00	6.41 pH	18.32 °C	162.33 µS/cm	3.67 mg/L	11.30 NTU	49.4 mV	23.23 ft	250.00 ml/min
2/22/2024 12:12 PM	15:00	6.40 pH	18.54 °C	162.36 µS/cm	3.62 mg/L	9.26 NTU	72.1 mV	23.22 ft	250.00 ml/min
2/22/2024 12:17 PM	20:00	6.39 pH	18.68 °C	162.16 µS/cm	3.55 mg/L	9.11 NTU	72.4 mV	23.23 ft	250.00 ml/min
2/22/2024 12:22 PM	25:00	6.37 pH	18.89 °C	156.34 µS/cm	3.34 mg/L	8.31 NTU	48.8 mV	23.23 ft	200.00 ml/min
2/22/2024 12:27 PM	30:00	6.38 pH	18.83 °C	161.39 µS/cm	3.36 mg/L	4.71 NTU	71.2 mV	23.18 ft	200.00 ml/min
2/22/2024 12:32 PM	35:00	6.37 pH	18.88 °C	161.72 µS/cm	3.40 mg/L	2.61 NTU	48.4 mV	23.18 ft	200.00 ml/min

Samples

Sample ID:	Description:
SCH-GWC-37	
SCH-CELL3-FB-10	

Low-Flow Test Report:

Test Date / Time: 2/22/2024 10:12:18 AM

Project: Scherer SAGW01 2024

Operator Name: Mark Mann

Location Name: SCH-GWC-38 Latitude: 33.06977532341439 Longitude: -83.79797168083843 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 33.96 ft Total Depth: 43.96 ft Initial Depth to Water: 10.93 ft	Pump Type: Peristaltic Tubing Type: LDPE Pump Intake From TOC: 39 ft Estimated Total Volume Pumped: 7950 ml Flow Cell Volume: 90 ml Final Flow Rate: 250 ml/min Final Draw Down: 3.12 ft	Instrument Used: Aqua TROLL 400 Serial Number: 883553
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Test Notes:

Weather Conditions:

Sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
2/22/2024 10:12 AM	00:00	7.06 pH	15.93 °C	181.43 µS/cm	6.41 mg/L	3.18 NTU	110.4 mV	10.93 ft	210.00 ml/min
2/22/2024 10:17 AM	05:00	6.75 pH	16.74 °C	180.14 µS/cm	2.06 mg/L	3.61 NTU	72.6 mV	12.42 ft	210.00 ml/min
2/22/2024 10:22 AM	10:00	6.73 pH	17.02 °C	178.27 µS/cm	1.80 mg/L	1.67 NTU	64.7 mV	13.10 ft	210.00 ml/min
2/22/2024 10:27 AM	15:00	6.72 pH	17.19 °C	178.01 µS/cm	1.69 mg/L	2.50 NTU	42.8 mV	13.56 ft	210.00 ml/min
2/22/2024 10:32 AM	20:00	6.72 pH	17.18 °C	177.88 µS/cm	1.72 mg/L	44.90 NTU	41.1 mV	13.74 ft	250.00 ml/min
2/22/2024 10:37 AM	25:00	6.72 pH	17.34 °C	178.99 µS/cm	1.97 mg/L	11.10 NTU	34.9 mV	13.85 ft	250.00 ml/min
2/22/2024 10:42 AM	30:00	6.72 pH	17.23 °C	179.20 µS/cm	2.00 mg/L	5.98 NTU	43.0 mV	13.94 ft	250.00 ml/min
2/22/2024 10:47 AM	35:00	6.72 pH	17.29 °C	178.97 µS/cm	1.94 mg/L	2.67 NTU	42.5 mV	14.05 ft	250.00 ml/min

Samples

Sample ID:	Description:
SCH-GWC-38	
SCH-CELL3-FD-10	

Low-Flow Test Report:

Test Date / Time: 2/26/2024 12:55:28 PM

Project: Scherer SAGW01 2024 (8)

Operator Name: Mark Mann

Location Name: SCH-GWA-39 Latitude: 33.07032081767279 Longitude: -83.80076310605165 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 52.6 ft Total Depth: 62.6 ft Initial Depth to Water: 27.68 ft	Pump Type: Peristaltic Tubing Type: LDPE Pump Intake From TOC: 57 ft Estimated Total Volume Pumped: 4500 ml Flow Cell Volume: 90 ml Final Flow Rate: 175 ml/min Final Draw Down: 2.53 ft	Instrument Used: Aqua TROLL 400 Serial Number: 883553
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Test Notes:

Weather Conditions:

Sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
2/26/2024 12:55 PM	00:00	6.38 pH	26.93 °C	196.59 µS/cm	4.84 mg/L	141.00 NTU	40.8 mV	27.68 ft	300.00 ml/min
2/26/2024 1:00 PM	05:00	6.92 pH	18.39 °C	219.28 µS/cm	2.14 mg/L	19.90 NTU	-5.3 mV	29.64 ft	225.00 ml/min
2/26/2024 1:05 PM	10:00	6.95 pH	18.09 °C	220.77 µS/cm	2.21 mg/L	3.29 NTU	25.7 mV	30.09 ft	200.00 ml/min
2/26/2024 1:10 PM	15:00	6.94 pH	18.08 °C	220.81 µS/cm	2.20 mg/L	6.34 NTU	40.9 mV	30.17 ft	175.00 ml/min
2/26/2024 1:15 PM	20:00	6.97 pH	18.12 °C	220.59 µS/cm	2.17 mg/L	4.54 NTU	39.2 mV	30.21 ft	175.00 ml/min

Samples

Sample ID:	Description:
SCH-GWA-39	

Low-Flow Test Report:

Test Date / Time: 2/26/2024 11:11:20 AM

Project: Scherer SAGW01 2024 (7)

Operator Name: Mark Mann

Location Name: SCH-GWA-40 Latitude: 33.07131622880396 Longitude: -83.80053528474139 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 38.6 ft Total Depth: 48.6 ft Initial Depth to Water: 33.98 ft	Pump Type: Bladder Tubing Type: LDPE Pump Intake From TOC: 43 ft Estimated Total Volume Pumped: 8500 ml Flow Cell Volume: 90 ml Final Flow Rate: 150 ml/min Final Draw Down: 3 ft	Instrument Used: Aqua TROLL 400 Serial Number: 883553
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Test Notes:

Weather Conditions:

Sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
2/26/2024 11:11 AM	00:00	6.21 pH	19.95 °C	94.57 µS/cm	6.34 mg/L	16.40 NTU	117.1 mV	33.98 ft	200.00 ml/min
2/26/2024 11:16 AM	05:00	5.80 pH	18.75 °C	106.51 µS/cm	0.92 mg/L	38.30 NTU	47.3 mV	35.46 ft	200.00 ml/min
2/26/2024 11:21 AM	10:00	5.80 pH	18.70 °C	107.26 µS/cm	0.59 mg/L	31.90 NTU	45.9 mV	36.14 ft	200.00 ml/min
2/26/2024 11:26 AM	15:00	5.81 pH	18.86 °C	108.08 µS/cm	0.67 mg/L	24.60 NTU	43.2 mV	36.70 ft	200.00 ml/min
2/26/2024 11:31 AM	20:00	5.80 pH	18.85 °C	105.86 µS/cm	0.75 mg/L	19.80 NTU	43.2 mV	36.95 ft	150.00 ml/min
2/26/2024 11:36 AM	25:00	5.84 pH	19.27 °C	115.06 µS/cm	0.51 mg/L	11.90 NTU	39.7 mV	37.01 ft	150.00 ml/min
2/26/2024 11:41 AM	30:00	5.87 pH	19.35 °C	117.39 µS/cm	0.43 mg/L	6.88 NTU	36.2 mV	37.02 ft	150.00 ml/min
2/26/2024 11:46 AM	35:00	5.87 pH	19.48 °C	116.42 µS/cm	0.42 mg/L	6.58 NTU	34.5 mV	37.01 ft	150.00 ml/min
2/26/2024 11:51 AM	40:00	5.87 pH	19.50 °C	116.51 µS/cm	0.40 mg/L	5.96 NTU	34.1 mV	37.02 ft	150.00 ml/min
2/26/2024 11:56 AM	45:00	5.86 pH	19.64 °C	114.66 µS/cm	0.38 mg/L	5.37 NTU	31.1 mV	37.02 ft	150.00 ml/min
2/26/2024 12:01 PM	50:00	5.87 pH	19.66 °C	114.76 µS/cm	0.37 mg/L	4.13 NTU	30.3 mV	36.98 ft	150.00 ml/min

Samples

Sample ID:	Description:
SCH-GWA-40	

Low-Flow Test Report:

Test Date / Time: 2/26/2024 1:40:03 PM

Project: SCHERER SAGW 1 (9)

Operator Name: P Wahl

Location Name: SCH-GWA-41 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 31.6 ft Total Depth: 41.6 ft Initial Depth to Water: 11.98 ft	Pump Type: Peristaltic Tubing Type: LDPE Pump Intake From TOC: 36 ft Estimated Total Volume Pumped: 6000 ml Flow Cell Volume: 90 ml Final Flow Rate: 150 ml/min Final Draw Down: 0.15 ft	Instrument Used: Aqua TROLL 400 Serial Number: 1080297
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 10	+/- 10	+/- 0.3	
2/26/2024 1:40 PM	00:00	6.92 pH	25.27 °C	180.57 µS/cm	5.42 mg/L	15.90 NTU	69.5 mV	11.98 ft	150.00 ml/min
2/26/2024 1:45 PM	05:00	6.19 pH	19.24 °C	181.66 µS/cm	1.95 mg/L	9.57 NTU	40.8 mV	12.11 ft	150.00 ml/min
2/26/2024 1:50 PM	10:00	6.18 pH	18.69 °C	184.08 µS/cm	1.56 mg/L	10.00 NTU	56.7 mV	12.13 ft	150.00 ml/min
2/26/2024 1:55 PM	15:00	6.18 pH	18.57 °C	183.89 µS/cm	1.43 mg/L	12.20 NTU	40.1 mV	12.13 ft	150.00 ml/min
2/26/2024 2:00 PM	20:00	6.17 pH	18.44 °C	184.80 µS/cm	1.33 mg/L	11.80 NTU	56.2 mV	12.13 ft	150.00 ml/min
2/26/2024 2:05 PM	25:00	6.17 pH	18.58 °C	186.26 µS/cm	1.39 mg/L	7.92 NTU	39.5 mV	12.13 ft	150.00 ml/min
2/26/2024 2:10 PM	30:00	6.18 pH	18.58 °C	185.50 µS/cm	1.34 mg/L	8.00 NTU	38.5 mV	12.13 ft	150.00 ml/min
2/26/2024 2:15 PM	35:00	6.17 pH	18.62 °C	185.99 µS/cm	1.29 mg/L	5.11 NTU	37.9 mV	12.13 ft	150.00 ml/min
2/26/2024 2:20 PM	40:00	6.17 pH	18.62 °C	185.88 µS/cm	1.27 mg/L	2.96 NTU	37.7 mV	12.13 ft	150.00 ml/min

Samples

Sample ID:	Description:
SCH-GWA-41	

Low-Flow Test Report:

Test Date / Time: 2/26/2024 12:22:18 PM

Project: SCHERER SAGW 1 (8)

Operator Name: P Wahl

Location Name: SCH-GWA-42 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 12.4 ft Total Depth: 22.4 ft Initial Depth to Water: 4.91 ft	Pump Type: Peristaltic Tubing Type: LDPE Pump Intake From TOC: 17 ft Estimated Total Volume Pumped: 3000 ml Flow Cell Volume: 90 ml Final Flow Rate: 150 ml/min Final Draw Down: 0.31 ft	Instrument Used: Aqua TROLL 400 Serial Number: 1080297
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 10	+/- 10	+/- 0.3	
2/26/2024 12:22 PM	00:00	6.42 pH	20.76 °C	217.88 µS/cm	4.97 mg/L	5.79 NTU	83.2 mV	4.91 ft	150.00 ml/min
2/26/2024 12:27 PM	05:00	6.42 pH	16.10 °C	230.48 µS/cm	0.39 mg/L	7.19 NTU	48.9 mV	5.16 ft	150.00 ml/min
2/26/2024 12:32 PM	10:00	6.42 pH	16.08 °C	232.23 µS/cm	0.30 mg/L	5.19 NTU	56.3 mV	5.19 ft	150.00 ml/min
2/26/2024 12:37 PM	15:00	6.42 pH	16.10 °C	232.53 µS/cm	0.27 mg/L	4.45 NTU	36.8 mV	5.20 ft	150.00 ml/min
2/26/2024 12:42 PM	20:00	6.42 pH	16.60 °C	232.88 µS/cm	0.25 mg/L	3.42 NTU	32.8 mV	5.22 ft	150.00 ml/min

Samples

Sample ID:	Description:
SCH-GWA-42	

Low-Flow Test Report:

Test Date / Time: 2/22/2024 12:43:02 PM

Project: Scherer SAE (7)

Operator Name: T Johnson

Location Name: SCH-GWA-43 Well Diameter: 2 ft Casing Type: PVC Screen Length: 10 ft Top of Screen: 12.4 ft Total Depth: 22.4 ft Initial Depth to Water: 4 ft	Pump Type: Peristaltic Tubing Type: True poly Pump Intake From TOC: 17 ft Estimated Total Volume Pumped: 31400 ml Flow Cell Volume: 90 ml Final Flow Rate: 120 ml/min Final Draw Down: 2.15 ft	Instrument Used: Aqua TROLL 400 Serial Number: 843593
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Test Notes:

Pre purged 2 Liters

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 5	
2/22/2024 12:43 PM	00:00	6.54 pH	17.40 °C	311.66 µS/cm	3.13 mg/L	82.60 NTU	35.2 mV	5.73 ft	160.00 ml/min
2/22/2024 12:48 PM	05:00	6.54 pH	17.32 °C	311.35 µS/cm	2.62 mg/L	73.80 NTU	32.8 mV	5.94 ft	160.00 ml/min
2/22/2024 12:53 PM	10:00	6.54 pH	17.63 °C	310.87 µS/cm	2.12 mg/L	59.70 NTU	27.2 mV	5.99 ft	160.00 ml/min
2/22/2024 12:58 PM	15:00	6.53 pH	17.72 °C	316.06 µS/cm	1.70 mg/L	54.40 NTU	21.8 mV	6.01 ft	160.00 ml/min
2/22/2024 1:03 PM	20:00	6.53 pH	17.85 °C	316.51 µS/cm	1.21 mg/L	45.60 NTU	17.1 mV	6.03 ft	160.00 ml/min
2/22/2024 1:08 PM	25:00	6.53 pH	17.96 °C	317.64 µS/cm	1.05 mg/L	42.60 NTU	14.2 mV	6.09 ft	160.00 ml/min
2/22/2024 1:13 PM	30:00	6.53 pH	18.08 °C	317.66 µS/cm	0.93 mg/L	38.80 NTU	12.4 mV	6.10 ft	160.00 ml/min
2/22/2024 1:18 PM	35:00	6.53 pH	18.12 °C	318.30 µS/cm	0.90 mg/L	39.40 NTU	10.2 mV	6.12 ft	160.00 ml/min
2/22/2024 1:23 PM	40:00	6.53 pH	18.06 °C	322.24 µS/cm	0.79 mg/L	34.90 NTU	7.2 mV	6.33 ft	180.00 ml/min
2/22/2024 1:28 PM	45:00	6.54 pH	17.94 °C	320.86 µS/cm	0.75 mg/L	31.50 NTU	6.9 mV	6.45 ft	180.00 ml/min
2/22/2024 1:33 PM	50:00	6.54 pH	18.08 °C	320.59 µS/cm	0.62 mg/L	24.90 NTU	3.7 mV	6.45 ft	140.00 ml/min
2/22/2024 1:38 PM	55:00	6.53 pH	18.48 °C	320.09 µS/cm	0.56 mg/L	22.30 NTU	3.4 mV	6.18 ft	140.00 ml/min
2/22/2024 1:43 PM	01:00:00	6.53 pH	18.57 °C	321.63 µS/cm	0.47 mg/L	21.00 NTU	-0.6 mV	6.18 ft	140.00 ml/min
2/22/2024 1:48 PM	01:05:00	6.54 pH	18.46 °C	321.89 µS/cm	0.41 mg/L	19.80 NTU	-1.0 mV	6.18 ft	140.00 ml/min
2/22/2024 1:53 PM	01:10:00	6.53 pH	18.51 °C	323.08 µS/cm	0.38 mg/L	20.80 NTU	-1.8 mV	6.18 ft	140.00 ml/min

2/22/2024 1:58 PM	01:15:00	6.53 pH	18.36 °C	322.69 µS/cm	0.33 mg/L	13.70 NTU	-1.6 mV	6.09 ft	140.00 ml/min
2/22/2024 2:03 PM	01:20:00	6.54 pH	18.42 °C	321.56 µS/cm	0.36 mg/L	15.90 NTU	-0.8 mV	6.09 ft	140.00 ml/min
2/22/2024 2:08 PM	01:25:00	6.53 pH	18.56 °C	322.79 µS/cm	0.35 mg/L	17.10 NTU	-2.9 mV	6.05 ft	140.00 ml/min
2/22/2024 2:13 PM	01:30:00	6.53 pH	18.61 °C	322.39 µS/cm	0.35 mg/L	13.10 NTU	-4.4 mV	6.05 ft	140.00 ml/min
2/22/2024 2:18 PM	01:35:00	6.53 pH	18.39 °C	320.14 µS/cm	0.33 mg/L	13.20 NTU	-4.0 mV	6.04 ft	140.00 ml/min
2/22/2024 2:23 PM	01:40:00	6.54 pH	18.25 °C	321.26 µS/cm	0.29 mg/L	11.60 NTU	-3.9 mV	6.04 ft	140.00 ml/min
2/22/2024 2:28 PM	01:45:00	6.53 pH	18.34 °C	321.63 µS/cm	0.31 mg/L	10.90 NTU	-5.1 mV	6.04 ft	140.00 ml/min
2/22/2024 2:33 PM	01:50:00	6.53 pH	18.08 °C	320.74 µS/cm	0.29 mg/L	10.70 NTU	-5.1 mV	6.05 ft	140.00 ml/min
2/22/2024 2:38 PM	01:55:00	6.54 pH	18.12 °C	322.82 µS/cm	0.27 mg/L	10.10 NTU	-7.0 mV	6.05 ft	140.00 ml/min
2/22/2024 2:43 PM	02:00:00	6.53 pH	18.34 °C	321.37 µS/cm	0.23 mg/L	8.85 NTU	-6.2 mV	6.05 ft	140.00 ml/min
2/22/2024 2:48 PM	02:05:00	6.53 pH	18.26 °C	321.47 µS/cm	0.30 mg/L	10.90 NTU	-4.8 mV	6.06 ft	140.00 ml/min
2/22/2024 2:53 PM	02:10:00	6.54 pH	17.89 °C	321.91 µS/cm	0.26 mg/L	12.90 NTU	-6.2 mV	6.78 ft	260.00 ml/min
2/22/2024 2:58 PM	02:15:00	6.54 pH	17.31 °C	324.22 µS/cm	0.37 mg/L	12.40 NTU	-5.1 mV	7.32 ft	260.00 ml/min
2/22/2024 3:03 PM	02:20:00	6.55 pH	17.54 °C	320.53 µS/cm	0.33 mg/L	17.80 NTU	-4.2 mV	7.28 ft	260.00 ml/min
2/22/2024 3:08 PM	02:25:00	6.53 pH	18.45 °C	322.58 µS/cm	0.16 mg/L	4.80 NTU	-6.8 mV	6.40 ft	120.00 ml/min
2/22/2024 3:13 PM	02:30:00	6.53 pH	18.84 °C	319.82 µS/cm	0.12 mg/L	4.11 NTU	-5.6 mV	6.16 ft	120.00 ml/min
2/22/2024 3:18 PM	02:35:00	6.53 pH	18.70 °C	321.04 µS/cm	0.12 mg/L	3.98 NTU	-7.0 mV	5.98 ft	120.00 ml/min
2/22/2024 3:23 PM	02:40:00	6.53 pH	18.61 °C	320.63 µS/cm	0.14 mg/L	5.98 NTU	-5.0 mV	5.75 ft	120.00 ml/min
2/22/2024 3:28 PM	02:45:00	6.53 pH	18.39 °C	321.56 µS/cm	0.17 mg/L	5.47 NTU	-6.4 mV	5.63 ft	120.00 ml/min
2/22/2024 3:33 PM	02:50:00	6.53 pH	18.59 °C	320.55 µS/cm	0.15 mg/L	4.46 NTU	-6.5 mV	5.60 ft	120.00 ml/min
2/22/2024 3:38 PM	02:55:00	6.53 pH	18.43 °C	320.68 µS/cm	0.14 mg/L	3.88 NTU	-4.5 mV	5.58 ft	120.00 ml/min
2/22/2024 3:43 PM	03:00:00	6.53 pH	18.17 °C	320.98 µS/cm	0.14 mg/L	3.76 NTU	-5.7 mV	5.61 ft	120.00 ml/min
2/22/2024 3:48 PM	03:05:00	6.53 pH	17.89 °C	323.68 µS/cm	0.14 mg/L	4.09 NTU	-4.6 mV	5.57 ft	120.00 ml/min
2/22/2024 3:53 PM	03:10:00	6.54 pH	17.36 °C	320.69 µS/cm	0.15 mg/L	8.20 NTU	-5.2 mV	6.05 ft	180.00 ml/min
2/22/2024 3:58 PM	03:15:00	6.54 pH	17.18 °C	323.61 µS/cm	0.14 mg/L	4.90 NTU	-5.3 mV	6.35 ft	180.00 ml/min
2/22/2024 4:03 PM	03:20:00	6.54 pH	17.16 °C	322.85 µS/cm	0.15 mg/L	5.14 NTU	-4.3 mV	6.32 ft	180.00 ml/min
2/22/2024 4:08 PM	03:25:00	6.54 pH	17.36 °C	325.23 µS/cm	0.13 mg/L	3.10 NTU	-6.6 mV	6.15 ft	180.00 ml/min

Samples

Sample ID:	Description:
SCH-GWA-43	Metals, radium, chloride, fluoride, sulfate, TDS

Low-Flow Test Report:

Test Date / Time: 2/22/2024 10:02:24 AM

Project: SCHERER SAGW 1

Operator Name: P Wahl

Location Name: SCH-GWA-44A Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 12.5 ft Total Depth: 22.5 ft Initial Depth to Water: 3.91 ft	Pump Type: Peristaltic Tubing Type: LDPE Pump Intake From TOC: 17.5 m Estimated Total Volume Pumped: 3500 ml Flow Cell Volume: 90 ml Final Flow Rate: 100 ml/min Final Draw Down: 0.47 ft	Instrument Used: Aqua TROLL 400 Serial Number: 1080297
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 10	+/- 10	+/- 0.3	
2/22/2024 10:02 AM	00:00	7.02 pH	18.70 °C	213.81 µS/cm	5.09 mg/L	5.61 NTU	181.9 mV	3.91 ft	100.00 ml/min
2/22/2024 10:07 AM	05:00	6.60 pH	15.87 °C	183.38 µS/cm	1.45 mg/L	5.20 NTU	97.4 mV	4.17 ft	100.00 ml/min
2/22/2024 10:12 AM	10:00	6.61 pH	16.10 °C	185.07 µS/cm	1.08 mg/L	3.74 NTU	97.2 mV	4.23 ft	100.00 ml/min
2/22/2024 10:17 AM	15:00	6.61 pH	16.30 °C	185.44 µS/cm	0.53 mg/L	4.21 NTU	76.4 mV	4.28 ft	100.00 ml/min
2/22/2024 10:22 AM	20:00	6.61 pH	16.57 °C	186.06 µS/cm	0.40 mg/L	4.88 NTU	47.5 mV	4.31 ft	100.00 ml/min
2/22/2024 10:27 AM	25:00	6.62 pH	16.51 °C	186.16 µS/cm	0.34 mg/L	3.75 NTU	40.2 mV	4.33 ft	100.00 ml/min
2/22/2024 10:32 AM	30:00	6.61 pH	16.56 °C	186.71 µS/cm	0.30 mg/L	3.79 NTU	36.7 mV	4.35 ft	100.00 ml/min
2/22/2024 10:37 AM	35:00	6.61 pH	16.64 °C	187.59 µS/cm	0.30 mg/L	3.19 NTU	46.8 mV	4.38 ft	100.00 ml/min

Samples

Sample ID:	Description:
SCH-GWA-44	

Low-Flow Test Report:

Test Date / Time: 2/26/2024 1:59:24 PM

Project: Scherer SAGW01 2024 (9)

Operator Name: Mark Mann

Location Name: SCH-GWA-54 Latitude: 33.07240933648605 Longitude: -83.80095966168102 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 40.7 ft Total Depth: 50.7 ft Initial Depth to Water: 27.47 ft	Pump Type: Peristaltic Tubing Type: LDPE Pump Intake From TOC: 45 ft Estimated Total Volume Pumped: 13750 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 1.81 ft	Instrument Used: Aqua TROLL 400 Serial Number: 883553
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Test Notes:

Weather Conditions:

Sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
2/26/2024 1:59 PM	00:00	6.77 pH	25.24 °C	138.79 µS/cm	3.90 mg/L	40.50 NTU	40.3 mV	27.47 ft	170.00 ml/min
2/26/2024 2:04 PM	05:00	6.29 pH	19.37 °C	148.67 µS/cm	0.39 mg/L	78.10 NTU	39.0 mV	27.96 ft	170.00 ml/min
2/26/2024 2:09 PM	10:00	6.27 pH	19.15 °C	149.83 µS/cm	0.20 mg/L	49.90 NTU	39.6 mV	28.31 ft	170.00 ml/min
2/26/2024 2:14 PM	15:00	6.27 pH	19.02 °C	151.76 µS/cm	0.17 mg/L	32.90 NTU	36.9 mV	28.60 ft	170.00 ml/min
2/26/2024 2:19 PM	20:00	6.28 pH	19.03 °C	153.90 µS/cm	0.15 mg/L	20.00 NTU	30.2 mV	28.73 ft	170.00 ml/min
2/26/2024 2:24 PM	25:00	6.28 pH	19.12 °C	154.23 µS/cm	0.14 mg/L	19.90 NTU	26.6 mV	28.84 ft	250.00 ml/min
2/26/2024 2:29 PM	30:00	6.29 pH	18.70 °C	155.35 µS/cm	0.11 mg/L	19.40 NTU	23.3 mV	29.09 ft	250.00 ml/min
2/26/2024 2:34 PM	35:00	6.31 pH	18.43 °C	158.77 µS/cm	0.12 mg/L	18.80 NTU	19.6 mV	29.30 ft	250.00 ml/min
2/26/2024 2:39 PM	40:00	6.32 pH	18.29 °C	163.34 µS/cm	0.12 mg/L	15.70 NTU	14.9 mV	29.40 ft	250.00 ml/min
2/26/2024 2:44 PM	45:00	6.33 pH	18.27 °C	166.27 µS/cm	0.12 mg/L	12.00 NTU	10.7 mV	29.46 ft	250.00 ml/min
2/26/2024 2:49 PM	50:00	6.34 pH	18.17 °C	167.64 µS/cm	0.14 mg/L	9.16 NTU	7.6 mV	29.49 ft	250.00 ml/min
2/26/2024 2:54 PM	55:00	6.36 pH	18.23 °C	169.19 µS/cm	0.15 mg/L	8.12 NTU	5.9 mV	29.48 ft	200.00 ml/min
2/26/2024 2:59 PM	01:00:00	6.35 pH	18.25 °C	172.08 µS/cm	0.17 mg/L	6.38 NTU	2.8 mV	29.37 ft	200.00 ml/min

2/26/2024 3:04 PM	01:05:00	6.37 pH	18.30 °C	172.00 µS/cm	0.19 mg/L	4.79 NTU	3.2 mV	29.28 ft	200.00 ml/min
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Samples

Sample ID:	Description:
SCH-GWA-54	

Low-Flow Test Report:

Test Date / Time: 2/29/2024 9:01:53 AM

Project: Scherer SAGW01 2024 (17)

Operator Name: Mark Mann

Location Name: SCH-SWA-1 Latitude: 32.9282887253897 Longitude: -83.73876569106955 Casing Type: Surface Water Initial Depth to Water: 0 ft	Pump Type: Peristaltic Tubing Type: LDPE Pump Intake From TOC: 0 ft Estimated Total Volume Pumped: 1250 ml Flow Cell Volume: 90 ml Final Flow Rate: 250 ml/min Final Draw Down: 0 ft	Instrument Used: Aqua TROLL 400 Serial Number: 1080297
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Test Notes:

Surface water- outflow from retention pond

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10		
2/29/2024 9:01 AM	00:00	7.99 pH	9.79 °C	182.09 µS/cm	9.13 mg/L	12.50 NTU	87.6 mV	0.00 ft	250.00 ml/min
2/29/2024 9:02 AM	01:00	7.90 pH	10.11 °C	180.35 µS/cm	9.01 mg/L	10.70 NTU	72.2 mV	0.00 ft	250.00 ml/min
2/29/2024 9:03 AM	02:00	7.89 pH	10.28 °C	180.16 µS/cm	8.97 mg/L	10.30 NTU	82.3 mV	0.00 ft	250.00 ml/min
2/29/2024 9:04 AM	03:00	7.84 pH	10.44 °C	179.69 µS/cm	8.94 mg/L	9.49 NTU	80.3 mV	0.00 ft	250.00 ml/min
2/29/2024 9:05 AM	04:00	7.83 pH	10.48 °C	179.44 µS/cm	8.93 mg/L	9.39 NTU	78.8 mV	0.00 ft	250.00 ml/min
2/29/2024 9:06 AM	05:00	7.80 pH	10.55 °C	179.90 µS/cm	8.97 mg/L	9.49 NTU	77.3 mV	0.00 ft	250.00 ml/min

Samples

Sample ID:	Description:
SCH-SWA-1	Surface water

Low-Flow Test Report:

Test Date / Time: 2/26/2024 3:30:49 PM

Project: SCHERER SAGW 1 (10)

Operator Name: P Wahl

Location Name: SCH-SWA-2	Pump Type: Dedicated Bladder Tubing Type: LDPE Estimated Total Volume Pumped: 500 ml Flow Cell Volume: 90 ml Final Flow Rate: 100 ml/min	Instrument Used: Aqua TROLL 400 Serial Number: 1080297
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 10	+/- 10	+/- 0.3	
2/26/2024 3:30 PM	00:00	7.05 pH	23.01 °C	591.28 µS/cm	7.00 mg/L	4.07 NTU	9.7 mV		100.00 ml/min
2/26/2024 3:31 PM	01:00	7.06 pH	20.96 °C	592.47 µS/cm	7.22 mg/L	4.53 NTU	3.7 mV		100.00 ml/min
2/26/2024 3:32 PM	02:00	7.06 pH	19.78 °C	606.93 µS/cm	7.60 mg/L	4.03 NTU	0.8 mV		100.00 ml/min
2/26/2024 3:33 PM	03:00	7.06 pH	19.04 °C	612.10 µS/cm	7.73 mg/L	4.87 NTU	-0.9 mV		100.00 ml/min
2/26/2024 3:34 PM	04:00	7.07 pH	18.53 °C	614.93 µS/cm	7.80 mg/L	4.56 NTU	-2.2 mV		100.00 ml/min
2/26/2024 3:35 PM	05:00	7.07 pH	18.21 °C	619.18 µS/cm	7.88 mg/L	3.75 NTU	-3.0 mV		100.00 ml/min

Samples

Sample ID:	Description:
SCH-SWA-2	

Low-Flow Test Report:

Test Date / Time: 2/29/2024 12:05:16 PM

Project: Scherer SAGW01 2024 (20)

Operator Name: Mark Mann

Location Name: SCH-SWA-3 Latitude: 33.07759073566 Longitude: -83.80169685006496 Initial Depth to Water: 0 ft	Pump Type: Peristaltic Tubing Type: LDPE Pump Intake From TOC: 0 ft Estimated Total Volume Pumped: 1500 ml Flow Cell Volume: 90 ml Final Flow Rate: 300 ml/min Final Draw Down: 0 ft	Instrument Used: Aqua TROLL 400 Serial Number: 1080297
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Test Notes:
Surface Water

Weather Conditions:
Sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10		
2/29/2024 12:05 PM	00:00	7.61 pH	16.03 °C	240.41 µS/cm	8.33 mg/L	7.32 NTU	40.3 mV	0.00 ft	300.00 ml/min
2/29/2024 12:06 PM	01:00	7.28 pH	14.62 °C	245.96 µS/cm	8.66 mg/L	5.15 NTU	31.9 mV	0.00 ft	300.00 ml/min
2/29/2024 12:07 PM	02:00	7.17 pH	13.82 °C	251.23 µS/cm	8.92 mg/L	4.97 NTU	29.2 mV	0.00 ft	300.00 ml/min
2/29/2024 12:08 PM	03:00	7.12 pH	13.41 °C	253.39 µS/cm	9.04 mg/L	4.98 NTU	26.7 mV	0.00 ft	300.00 ml/min
2/29/2024 12:09 PM	04:00	7.10 pH	13.28 °C	254.13 µS/cm	9.09 mg/L	6.64 NTU	24.4 mV	0.00 ft	300.00 ml/min
2/29/2024 12:10 PM	05:00	7.09 pH	13.23 °C	254.79 µS/cm	9.12 mg/L	5.20 NTU	22.8 mV	0.00 ft	300.00 ml/min

Samples

Sample ID:	Description:
SCH-SWA-3	Surface Water

Low-Flow Test Report:

Test Date / Time: 2/29/2024 12:59:10 PM

Project: Scherer SAGW01 2024 (22)

Operator Name: Mark Mann

Location Name: SCH-SWC-4 Latitude: 33.07311915795613 Longitude: -83.79635900266821	Pump Type: Peristaltic Tubing Type: LDPE Pump Intake From TOC: 0 ft Estimated Total Volume Pumped: 1500 ml Flow Cell Volume: 90 ml Final Flow Rate: 300 ml/min	Instrument Used: Aqua TROLL 400 Serial Number: 1080297
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Test Notes:

Surface Water

Weather Conditions:

Sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	
2/29/2024 12:59 PM	00:00	7.55 pH	14.70 °C	320.05 µS/cm	9.16 mg/L	7.28 NTU	17.8 mV	300.00 ml/min
2/29/2024 1:00 PM	01:00	7.59 pH	14.31 °C	314.88 µS/cm	9.28 mg/L	6.85 NTU	16.0 mV	300.00 ml/min
2/29/2024 1:01 PM	02:00	7.56 pH	13.94 °C	317.56 µS/cm	9.57 mg/L	10.20 NTU	15.7 mV	300.00 ml/min
2/29/2024 1:02 PM	03:00	7.56 pH	13.77 °C	319.32 µS/cm	9.67 mg/L	6.28 NTU	15.1 mV	300.00 ml/min
2/29/2024 1:03 PM	04:00	7.56 pH	13.69 °C	319.74 µS/cm	9.71 mg/L	5.73 NTU	14.6 mV	300.00 ml/min
2/29/2024 1:04 PM	05:00	7.56 pH	13.66 °C	319.83 µS/cm	9.73 mg/L	5.84 NTU	14.3 mV	300.00 ml/min

Samples

Sample ID:	Description:
SCH-SWC-4	Surface Water

Low-Flow Test Report:

Test Date / Time: 2/29/2024 10:50:07 AM

Project: Scherer SAGW01 2024 (18)

Operator Name: Mark Mann

Location Name: SCH-SWC-6 Latitude: 33.08029025330503 Longitude: -83.79121410668249 Initial Depth to Water: 0 ft	Pump Type: Peristaltic Tubing Type: LDPE Pump Intake From TOC: 0 ft Estimated Total Volume Pumped: 1250 ml Flow Cell Volume: 90 ml Final Flow Rate: 250 ml/min Final Draw Down: 0 ft	Instrument Used: Aqua TROLL 400 Serial Number: 1080297
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Test Notes:
Surface Water

Weather Conditions:
Cloudy

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10		
2/29/2024 10:50 AM	00:00	7.82 pH	14.62 °C	100.97 µS/cm	8.91 mg/L	12.40 NTU	53.8 mV	0.00 ft	250.00 ml/min
2/29/2024 10:51 AM	01:00	7.74 pH	13.10 °C	102.85 µS/cm	9.63 mg/L	11.80 NTU	45.5 mV	0.00 ft	250.00 ml/min
2/29/2024 10:52 AM	02:00	7.72 pH	12.25 °C	104.76 µS/cm	9.97 mg/L	8.67 NTU	43.0 mV	0.00 ft	250.00 ml/min
2/29/2024 10:53 AM	03:00	7.69 pH	11.82 °C	106.00 µS/cm	10.11 mg/L	8.24 NTU	43.8 mV	0.00 ft	250.00 ml/min
2/29/2024 10:54 AM	04:00	7.69 pH	11.62 °C	106.73 µS/cm	10.22 mg/L	7.38 NTU	42.2 mV	0.00 ft	250.00 ml/min
2/29/2024 10:55 AM	05:00	7.67 pH	11.59 °C	106.96 µS/cm	10.27 mg/L	7.39 NTU	39.8 mV	0.00 ft	250.00 ml/min

Samples

Sample ID:	Description:
SCH-SWC-6	Surface water

Low-Flow Test Report:

Test Date / Time: 2/29/2024 11:08:57 AM

Project: Scherer SAGW01 2024 (19)

Operator Name: Mark Mann

Location Name: SCH-SWC-7 Latitude: 33.08041191662949 Longitude: -83.79109667621906 Initial Depth to Water: 0 ft	Pump Type: Peristaltic Tubing Type: LDPE Pump Intake From TOC: 0 ft Estimated Total Volume Pumped: 1000 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0 ft	Instrument Used: Aqua TROLL 400 Serial Number: 1080297
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Test Notes:
Surface Water

Weather Conditions:
Cloudy

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10		
2/29/2024 11:09 AM	00:00	7.72 pH	12.65 °C	244.74 µS/cm	9.55 mg/L	58.80 NTU	49.7 mV	0.00 ft	200.00 ml/min
2/29/2024 11:10 AM	01:00	7.79 pH	12.35 °C	249.81 µS/cm	9.94 mg/L	30.20 NTU	45.0 mV	0.00 ft	200.00 ml/min
2/29/2024 11:11 AM	02:00	7.81 pH	12.26 °C	251.11 µS/cm	10.01 mg/L	41.60 NTU	47.7 mV	0.00 ft	200.00 ml/min
2/29/2024 11:12 AM	03:00	7.83 pH	12.20 °C	251.64 µS/cm	10.30 mg/L	34.30 NTU	46.4 mV	0.00 ft	200.00 ml/min
2/29/2024 11:13 AM	04:00	7.83 pH	12.19 °C	249.34 µS/cm	10.45 mg/L	10.70 NTU	46.5 mV	0.00 ft	200.00 ml/min
2/29/2024 11:14 AM	05:00	7.83 pH	12.15 °C	249.23 µS/cm	10.29 mg/L	7.22 NTU	46.1 mV	0.00 ft	200.00 ml/min

Samples

Sample ID:	Description:
SCH-SWC-7	Surface Water

Low-Flow Test Report:

Test Date / Time: 2/29/2024 12:33:29 PM

Project: Scherer SAGW01 2024 (21)

Operator Name: Mark Mann

Location Name: SCH-SWC-8 Latitude: 33.078100732558475 Longitude: -83.80071365282294 Initial Depth to Water: 0 ft	Pump Type: Peristaltic Tubing Type: LDPE Pump Intake From TOC: 0 ft Estimated Total Volume Pumped: 1500 ml Flow Cell Volume: 90 ml Final Flow Rate: 300 ml/min Final Draw Down: 0 ft	Instrument Used: Aqua TROLL 400 Serial Number: 1080297
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Test Notes:
Surface Water

Weather Conditions:
Sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10		
2/29/2024 12:33 PM	00:00	7.25 pH	15.60 °C	388.26 µS/cm	8.40 mg/L	5.12 NTU	27.1 mV	0.00 ft	300.00 ml/min
2/29/2024 12:34 PM	01:00	7.22 pH	14.57 °C	390.49 µS/cm	8.62 mg/L	4.52 NTU	21.2 mV	0.00 ft	300.00 ml/min
2/29/2024 12:35 PM	02:00	7.20 pH	14.05 °C	394.03 µS/cm	8.76 mg/L	4.38 NTU	18.5 mV	0.00 ft	300.00 ml/min
2/29/2024 12:36 PM	03:00	7.20 pH	13.81 °C	395.95 µS/cm	8.84 mg/L	4.48 NTU	16.7 mV	0.00 ft	300.00 ml/min
2/29/2024 12:37 PM	04:00	7.19 pH	13.71 °C	396.85 µS/cm	8.87 mg/L	4.28 NTU	15.4 mV	0.00 ft	300.00 ml/min
2/29/2024 12:38 PM	05:00	7.19 pH	13.66 °C	397.38 µS/cm	8.88 mg/L	4.56 NTU	14.4 mV	0.00 ft	300.00 ml/min

Samples

Sample ID:	Description:
SCH-SWC-8	Surface Water

APPENDIX A

**Field Data Forms
May 2024**

Low-Flow Test Report:

Test Date / Time: 5/7/2024 10:49:28 AM

Project: SCS Plant Scherer

Operator Name: D.Bloomfield

Location Name: SCH-GWC-7 Latitude: 33.07376686952363 Longitude: -83.79438833341355 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 48.72 ft Total Depth: 58.72 ft Initial Depth to Water: 42.3 ft	Pump Type: Dedicated bladder Tubing Type: LDPE Pump Intake From TOC: 53.72 ft Estimated Total Volume Pumped: 2400 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.23 ft	Instrument Used: Aqua TROLL 400 Serial Number: 1082822
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Test Notes:

Weather Conditions:

Sunny 75

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 5	+/- 5 %	+/- 0.2	+/- 10	+/- 10 %	+/- 0.3	
5/7/2024 10:49 AM	00:00	6.33 pH	21.86 °C	178.02 µS/cm	5.32 mg/L	0.73 NTU	77.6 mV	42.50 ft	200.00 ml/min
5/7/2024 10:53 AM	04:00	6.32 pH	23.46 °C	179.17 µS/cm	5.23 mg/L	0.89 NTU	77.1 mV	42.54 ft	200.00 ml/min
5/7/2024 10:57 AM	08:00	6.30 pH	24.14 °C	178.79 µS/cm	5.08 mg/L	0.88 NTU	78.5 mV	42.51 ft	200.00 ml/min
5/7/2024 11:01 AM	12:00	6.30 pH	24.23 °C	177.90 µS/cm	5.04 mg/L	0.95 NTU	79.9 mV	42.53 ft	200.00 ml/min

Samples

Sample ID:	Description:
SCH-GWC-7	Calcium

Low-Flow Test Report:

Test Date / Time: 5/7/2024 3:52:39 PM

Project: SCS Plant Scherer (3)

Operator Name: D.Bloomfield

Location Name: SCH GWC-14 Latitude: 33.077724762291716 Longitude: -83.79918873317894 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 17.5 ft Total Depth: 27.5 ft Initial Depth to Water: 12.9 ft	Pump Type: Dedicated bladder Tubing Type: LDPE Pump Intake From TOC: 22.5 ft Estimated Total Volume Pumped: 5600 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0 ft	Instrument Used: Aqua TROLL 400 Serial Number: 1082822
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 5	+/- 5 %	+/- 0.2	+/- 10	+/- 10 %	+/- 0.3	
5/7/2024 3:52 PM	00:00	5.60 pH	21.67 °C	75.92 µS/cm	1.90 mg/L	3.13 NTU	62.4 mV	12.90 ft	200.00 ml/min
5/7/2024 3:56 PM	04:00	5.55 pH	21.55 °C	79.77 µS/cm	0.88 mg/L	2.07 NTU	60.3 mV	12.90 ft	200.00 ml/min
5/7/2024 4:00 PM	08:00	5.55 pH	21.31 °C	80.52 µS/cm	0.83 mg/L	4.20 NTU	59.5 mV	12.90 ft	200.00 ml/min
5/7/2024 4:04 PM	12:00	5.56 pH	21.01 °C	80.80 µS/cm	0.74 mg/L	6.41 NTU	59.4 mV	12.90 ft	200.00 ml/min
5/7/2024 4:08 PM	16:00	5.55 pH	18.91 °C	80.80 µS/cm	0.77 mg/L	10.40 NTU	60.6 mV	12.90 ft	200.00 ml/min
5/7/2024 4:12 PM	20:00	5.55 pH	18.65 °C	81.63 µS/cm	0.53 mg/L	6.70 NTU	60.2 mV	12.90 ft	200.00 ml/min
5/7/2024 4:16 PM	24:00	5.55 pH	18.73 °C	81.81 µS/cm	0.42 mg/L	3.42 NTU	59.6 mV	12.90 ft	200.00 ml/min
5/7/2024 4:20 PM	28:00	5.55 pH	18.70 °C	81.82 µS/cm	0.42 mg/L	3.09 NTU	59.1 mV	12.90 ft	200.00 ml/min

Samples

Sample ID:	Description:
SCH-GWC-14	

Low-Flow Test Report:

Test Date / Time: 5/7/2024 11:37:42 AM

Project: SCS Plant Scherer

Operator Name:

Location Name: SCH-GWC-20 Latitude: 33.078516349227236 Longitude: -83.79260416150446 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 62.7 ft Total Depth: 72.7 ft Initial Depth to Water: 44.9 ft	Pump Type: Dedicated bladder Tubing Type: LDPE Pump Intake From TOC: 67.7 ft Estimated Total Volume Pumped: 2800 ml Flow Cell Volume: 90 ml Final Flow Rate: 175 ml/min Final Draw Down: 0.15 ft	Instrument Used: Aqua TROLL 400 Serial Number: 1082822
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Test Notes:

Weather Conditions:

Sunny 80

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 5	+/- 5 %	+/- 0.2	+/- 10	+/- 10 %	+/- 0.3	
5/7/2024 11:37 AM	00:00	6.61 pH	25.87 °C	160.19 µS/cm	5.16 mg/L	0.79 NTU	72.0 mV	44.90 ft	175.00 ml/min
5/7/2024 11:41 AM	04:00	6.51 pH	24.34 °C	163.14 µS/cm	5.00 mg/L	0.81 NTU	71.7 mV	45.05 ft	175.00 ml/min
5/7/2024 11:45 AM	08:00	6.50 pH	24.23 °C	163.48 µS/cm	4.97 mg/L	0.89 NTU	72.0 mV	45.05 ft	175.00 ml/min
5/7/2024 11:49 AM	12:00	6.50 pH	24.55 °C	163.08 µS/cm	4.85 mg/L	0.76 NTU	72.1 mV	45.05 ft	175.00 ml/min
5/7/2024 11:53 AM	16:00	6.50 pH	24.81 °C	163.32 µS/cm	4.78 mg/L	0.82 NTU	72.4 mV	45.05 ft	175.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 5/20/2024 9:29:34 AM

Project: Plant Scherer

Operator Name: Tom Keller

Location Name: SCH-GWC-53 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 22 ft Total Depth: 32.8 ft Initial Depth to Water: 11.07 ft	Pump Type: Bladder Tubing Type: PE Pump Intake From TOC: 27.8 ft Estimated Total Volume Pumped: 9000 ml Flow Cell Volume: 90 ml Final Flow Rate: 160 ml/min Final Draw Down: -0.23 ft	Instrument Used: Aqua TROLL 400 Serial Number: 965586
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Test Notes:

Weather Conditions:
Scattered Clouds 70s

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 5	
5/20/2024 9:29 AM	00:00	6.95 pH	32.21 °C	0.00 µS/cm	7.38 mg/L	1.13 NTU	36.4 mV	11.51 cm	160.00 ml/min
5/20/2024 10:03 AM	33:32	5.79 pH	27.71 °C	391.95 µS/cm	3.16 mg/L	1.02 NTU	204.5 mV	337.41 cm	160.00 ml/min
5/20/2024 10:07 AM	37:32	5.65 pH	18.96 °C	448.94 µS/cm	1.88 mg/L	0.97 NTU	172.8 mV	337.41 cm	160.00 ml/min
5/20/2024 10:10 AM	41:05	5.67 pH	18.90 °C	443.51 µS/cm	0.80 mg/L	1.11 NTU	196.2 mV	337.41 cm	160.00 ml/min
5/20/2024 10:14 AM	45:05	5.67 pH	18.30 °C	451.07 µS/cm	0.56 mg/L	1.23 NTU	154.5 mV	11.31 cm	160.00 ml/min
5/20/2024 10:18 AM	49:05	5.67 pH	18.27 °C	449.10 µS/cm	0.44 mg/L	0.87 NTU	143.1 mV	11.30 cm	160.00 ml/min
5/20/2024 10:22 AM	53:05	5.66 pH	18.31 °C	447.02 µS/cm	0.37 mg/L	0.65 NTU	136.7 mV	11.31 cm	160.00 ml/min
5/20/2024 10:26 AM	56:55	5.65 pH	18.27 °C	435.92 µS/cm	0.33 mg/L	0.77 NTU	132.7 mV	11.31 cm	160.00 ml/min
5/20/2024 10:30 AM	01:00:55	5.64 pH	18.36 °C	447.57 µS/cm	0.30 mg/L	0.77 NTU	127.9 mV	11.30 cm	160.00 ml/min
5/20/2024 10:32 AM	01:03:03	5.64 pH	18.36 °C	434.91 µS/cm	0.29 mg/L	0.47 NTU	123.3 mV	11.30 cm	160.00 ml/min
5/20/2024 10:36 AM	01:07:03	5.63 pH	18.36 °C	446.60 µS/cm	0.26 mg/L	0.79 NTU	122.2 mV	11.30 cm	160.00 ml/min
5/20/2024 10:40 AM	01:11:03	5.63 pH	18.30 °C	445.09 µS/cm	0.25 mg/L	0.44 NTU	120.3 mV	11.30 cm	160.00 ml/min
5/20/2024 10:44 AM	01:15:03	5.62 pH	18.30 °C	444.75 µS/cm	0.24 mg/L	0.46 NTU	118.7 mV	11.29 cm	160.00 ml/min

5/20/2024 10:48 AM	01:19:11	5.61 pH	18.37 °C	432.35 µS/cm	0.22 mg/L	0.40 NTU	120.5 mV	11.30 cm	160.00 ml/min
5/20/2024 10:53 AM	01:23:37	5.59 pH	18.35 °C	431.48 µS/cm	0.21 mg/L		122.5 mV	11.30 cm	160.00 ml/min

Samples

Sample ID:	Description:
Sch-GWC-53	Chloride

Low-Flow Test Report:

Test Date / Time: 5/20/2024 11:53:29 AM

Project: Plant Scherer (2)

Operator Name: Tom Keller

Location Name: SCH-GWC-10 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 30.65 ft Total Depth: 40.65 ft Initial Depth to Water: 10.67 ft	Pump Type: Peristaltic Tubing Type: PE Pump Intake From TOC: 35.5 ft Estimated Total Volume Pumped: 12933.333 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: -0.14 ft	Instrument Used: Aqua TROLL 400 Serial Number: 965586
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Test Notes:

Weather Conditions:

Sunny, 80s

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 5	
5/20/2024 11:53 AM	00:00	5.79 pH	31.33 °C	0.00 µS/cm	7.34 mg/L	0.68 NTU	37.4 mV	10.80 ft	200.00 ml/min
5/20/2024 11:57 AM	04:00	6.27 pH	28.84 °C	213.16 µS/cm	4.17 mg/L	0.75 NTU	202.1 mV	10.80 ft	200.00 ml/min
5/20/2024 12:01 PM	08:00	6.23 pH	20.65 °C	218.62 µS/cm	0.37 mg/L	0.64 NTU	203.9 mV	10.80 ft	200.00 ml/min
5/20/2024 12:05 PM	12:00	6.24 pH	19.71 °C	218.74 µS/cm	0.31 mg/L	0.41 NTU	183.2 mV	10.80 ft	200.00 ml/min
5/20/2024 12:09 PM	16:00	6.25 pH	19.68 °C	217.72 µS/cm	0.32 mg/L	0.58 NTU	170.6 mV	10.81 ft	200.00 ml/min
5/20/2024 12:13 PM	20:00	6.27 pH	19.69 °C	214.57 µS/cm	0.39 mg/L	0.41 NTU	161.5 mV	10.81 ft	200.00 ml/min
5/20/2024 12:17 PM	24:00	6.28 pH	19.66 °C	211.66 µS/cm	0.44 mg/L	0.43 NTU	157.1 mV	10.81 ft	200.00 ml/min
5/20/2024 12:21 PM	28:00	6.28 pH	19.72 °C	207.92 µS/cm	0.53 mg/L	0.81 NTU	150.6 mV	10.80 ft	200.00 ml/min
5/20/2024 12:25 PM	32:00	6.29 pH	19.67 °C	208.93 µS/cm	0.53 mg/L	0.57 NTU	148.2 mV	10.80 ft	200.00 ml/min
5/20/2024 12:29 PM	36:00	6.28 pH	19.72 °C	204.41 µS/cm	0.58 mg/L	0.69 NTU	144.2 mV	10.80 ft	200.00 ml/min
5/20/2024 12:30 PM	36:49	6.28 pH	19.75 °C	203.03 µS/cm	0.60 mg/L	0.78 NTU	151.2 mV	10.80 ft	200.00 ml/min
5/20/2024 12:34 PM	40:49	6.28 pH	19.72 °C	203.38 µS/cm	0.58 mg/L	0.49 NTU	158.3 mV	10.80 ft	200.00 ml/min
5/20/2024 12:38 PM	44:49	6.29 pH	19.76 °C	203.53 µS/cm	0.64 mg/L	0.92 NTU	142.7 mV	10.81 ft	200.00 ml/min

5/20/2024 12:42 PM	48:49	6.29 pH	19.78 °C	201.00 µS/cm	0.71 mg/L	0.42 NTU	137.6 mV	10.81 ft	200.00 ml/min
5/20/2024 12:46 PM	52:49	6.29 pH	19.81 °C	199.26 µS/cm	0.69 mg/L	0.33 NTU	136.1 mV	10.81 ft	200.00 ml/min
5/20/2024 12:50 PM	56:49	6.29 pH	19.79 °C	199.27 µS/cm	0.72 mg/L	0.28 NTU	133.9 mV	10.81 ft	200.00 ml/min
5/20/2024 12:54 PM	01:00:49	6.27 pH	19.86 °C	200.73 µS/cm	0.77 mg/L	0.52 NTU	131.9 mV	10.81 ft	200.00 ml/min
5/20/2024 12:58 PM	01:04:40	6.28 pH	19.91 °C	202.42 µS/cm	0.78 mg/L	0.46 NTU	133.0 mV	10.81 ft	200.00 ml/min

Samples

Sample ID:	Description:
Sch-GWC-10	Plus field duplicate SCH-Cell1-FD-1

Low-Flow Test Report:

Test Date / Time: 5/20/2024 1:53:11 PM

Project: Plant Scherer (3)

Operator Name: Tom Keller

Location Name: SCH-GWC-6 Well Diameter: 2 in Casing Type: PVC Total Depth: 48.5 ft Initial Depth to Water: 38.3 ft	Pump Type: Peristaltic Tubing Type: PE Pump Intake From TOC: 43.5 ft Estimated Total Volume Pumped: 5600 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.07 ft	Instrument Used: Aqua TROLL 400 Serial Number: 965586
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 5	
5/20/2024 1:53 PM	00:00	7.04 pH	30.96 °C	0.00 µS/cm	7.35 mg/L	1.55 NTU	41.4 mV	38.30 ft	200.00 ml/min
5/20/2024 1:57 PM	04:00	6.58 pH	25.23 °C	191.12 µS/cm	7.08 mg/L	1.43 NTU	161.2 mV	38.34 ft	200.00 ml/min
5/20/2024 2:01 PM	08:00	6.19 pH	20.31 °C	205.87 µS/cm	7.02 mg/L	0.33 NTU	153.7 mV	38.35 ft	200.00 ml/min
5/20/2024 2:05 PM	12:00	6.18 pH	20.03 °C	204.73 µS/cm	6.86 mg/L	0.58 NTU	148.2 mV	38.37 ft	200.00 ml/min
5/20/2024 2:09 PM	16:00	6.19 pH	20.02 °C	200.69 µS/cm	6.78 mg/L	0.59 NTU	146.1 mV	38.37 ft	200.00 ml/min
5/20/2024 2:13 PM	20:00	6.18 pH	19.67 °C	200.76 µS/cm	6.80 mg/L	0.18 NTU	144.9 mV	38.37 ft	200.00 ml/min
5/20/2024 2:17 PM	24:00	6.17 pH	19.81 °C	202.10 µS/cm	6.85 mg/L	0.19 NTU	144.2 mV	38.38 ft	200.00 ml/min
5/20/2024 2:21 PM	28:00	6.16 pH	19.87 °C	201.43 µS/cm	6.81 mg/L	0.22 NTU	144.1 mV	38.38 ft	200.00 ml/min

Samples

Sample ID:	Description:
Sch-GWC-6	Calcium and Sulfate. Collect field blank from di water at 1425, sch-cell1-fb-2

Low-Flow Test Report:

Test Date / Time: 5/20/2024 2:55:51 PM

Project: Plant Scherer

Operator Name: T. Keller

Location Name: SCH-GWC-4 Well Diameter: 2 in Casing Type: PVC Total Depth: 43.1 ft Initial Depth to Water: 11.07 ft	Pump Type: Bladder Tubing Type: PE Pump Intake From TOC: 38.41 ft Estimated Total Volume Pumped: 4890 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: -9.994 ft	Instrument Used: Aqua TROLL 400 Serial Number: 965586
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Test Notes:

Weather Conditions:

Sunny 80s

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 5	
5/20/2024 2:55 PM	00:00	6.39 pH	25.47 °C	113.34 µS/cm	8.19 mg/L	0.82 NTU	36.0 mV	337.41 cm	200.00 ml/min
5/20/2024 2:59 PM	04:00	6.15 pH	20.48 °C	443.52 µS/cm	4.04 mg/L	0.68 NTU	159.6 mV	32.75 cm	200.00 ml/min
5/20/2024 3:03 PM	08:00	6.11 pH	20.52 °C	450.84 µS/cm	2.97 mg/L	0.80 NTU	139.6 mV	32.78 cm	200.00 ml/min
5/20/2024 3:04 PM	08:27	6.11 pH	20.57 °C	454.17 µS/cm	2.95 mg/L	0.56 NTU	148.7 mV	32.80 cm	200.00 ml/min
5/20/2024 3:08 PM	12:27	6.11 pH	20.77 °C	446.72 µS/cm	2.84 mg/L	0.67 NTU	131.1 mV	32.79 cm	200.00 ml/min
5/20/2024 3:12 PM	16:27	6.10 pH	20.94 °C	446.09 µS/cm	2.78 mg/L	0.47 NTU	128.1 mV	32.79 cm	200.00 ml/min
5/20/2024 3:16 PM	20:27	6.09 pH	20.84 °C	442.16 µS/cm	2.75 mg/L	0.49 NTU	126.8 mV	32.79 cm	200.00 ml/min
5/20/2024 3:20 PM	24:27	6.08 pH	20.70 °C	442.79 µS/cm	2.73 mg/L	0.31 NTU	126.3 mV	32.79 cm	200.00 ml/min

Samples

Sample ID:	Description:
Sch-GWC-4	Chloride

Low-Flow Test Report:

Test Date / Time: 5/20/2024 3:51:10 PM

Project: Plant Scherer (2)

Operator Name: T. Keller

Location Name: SCH-GWC-3 Well Diameter: 2 in Casing Type: PVC Total Depth: 50.1 ft Initial Depth to Water: 36.25 ft	Pump Type: Bladder Tubing Type: PE Pump Intake From TOC: 45 ft Estimated Total Volume Pumped: 5600 ml Flow Cell Volume: 90 ml Final Flow Rate: 160 ml/min Final Draw Down: 0.2 ft	Instrument Used: Aqua TROLL 400 Serial Number: 965586
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Test Notes:

Weather Conditions:

Sunny, 80s

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 5	
5/20/2024 3:51 PM	00:00	6.61 pH	27.27 °C	0.00 µS/cm	7.94 mg/L	23.70 NTU	37.0 mV	36.23 ft	200.00 ml/min
5/20/2024 3:55 PM	04:00	6.06 pH	28.73 °C	134.60 µS/cm	2.58 mg/L	22.80 NTU	-62.7 mV	36.41 ft	200.00 ml/min
5/20/2024 3:59 PM	08:00	5.95 pH	23.61 °C	130.88 µS/cm	1.87 mg/L	12.10 NTU	-21.5 mV	36.48 ft	200.00 ml/min
5/20/2024 4:03 PM	12:00	5.95 pH	23.11 °C	131.13 µS/cm	1.83 mg/L	9.74 NTU	11.3 mV	36.45 ft	160.00 ml/min
5/20/2024 4:07 PM	16:00	5.94 pH	23.51 °C	131.07 µS/cm	1.79 mg/L	7.62 NTU	32.5 mV	36.44 ft	160.00 ml/min
5/20/2024 4:11 PM	20:00	5.93 pH	22.36 °C	129.38 µS/cm	1.75 mg/L	4.28 NTU	50.2 mV	36.43 ft	160.00 ml/min
5/20/2024 4:15 PM	24:00	5.93 pH	22.58 °C	131.44 µS/cm	1.76 mg/L	4.09 NTU	36.7 mV	36.43 ft	160.00 ml/min
5/20/2024 4:19 PM	28:00	5.92 pH	21.81 °C	128.68 µS/cm	1.69 mg/L	3.82 NTU	17.1 mV	36.43 ft	160.00 ml/min
5/20/2024 4:23 PM	32:00	5.90 pH	21.22 °C	129.70 µS/cm	1.70 mg/L	2.62 NTU	4.4 mV	36.43 ft	160.00 ml/min

Samples

Sample ID:	Description:
Sch-GWC-3	Sulfate

APPENDIX A

**Field Data Forms
July-August 2024**

Low-Flow Test Report:

Test Date / Time: 8/6/2024 2:25:36 PM

Project: Scherer SAGW02 2024 (12)

Operator Name: Mark Mann

Location Name: SCH-GWC-1 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 29.72 ft Total Depth: 39.72 ft Initial Depth to Water: 10.96 ft	Pump Type: Peristaltic Tubing Type: LDPE Pump Intake From TOC: 33 ft Estimated Total Volume Pumped: 4000 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.26 ft	Instrument Used: Aqua TROLL 400 Serial Number: 1080302
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Test Notes:

Weather Conditions:

Cloudy

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
8/6/2024 2:25 PM	00:00	6.60 pH	24.90 °C	177.72 µS/cm	4.82 mg/L	2.26 NTU	90.3 mV	10.96 ft	200.00 ml/min
8/6/2024 2:30 PM	05:00	6.63 pH	20.66 °C	189.60 µS/cm	5.33 mg/L	1.06 NTU	85.4 mV	11.21 ft	200.00 ml/min
8/6/2024 2:35 PM	10:00	6.62 pH	20.25 °C	189.65 µS/cm	5.38 mg/L	0.83 NTU	61.1 mV	11.22 ft	200.00 ml/min
8/6/2024 2:40 PM	15:00	6.62 pH	20.17 °C	189.56 µS/cm	5.39 mg/L	1.01 NTU	60.2 mV	11.23 ft	200.00 ml/min
8/6/2024 2:45 PM	20:00	6.61 pH	20.03 °C	189.98 µS/cm	5.40 mg/L	0.84 NTU	59.7 mV	11.22 ft	200.00 ml/min

Samples

Sample ID:	Description:
SCH-GWC-1	

Low-Flow Test Report:

Test Date / Time: 8/6/2024 12:16:00 PM

Project: Scherer SAGW02 2024 (11)

Operator Name: Mark Mann

Location Name: SCH-GWC-2 Latitude: -38.731232748295355 Longitude: 77.10937500000003 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 48.74 ft Total Depth: 58.74 ft Initial Depth to Water: 15.51 ft	Pump Type: Dedicated Bladder Tubing Type: LDPE Pump Intake From TOC: 50.95 ft Estimated Total Volume Pumped: 8400 ml Flow Cell Volume: 90 ml Final Flow Rate: 120 ml/min Final Draw Down: 1.25 ft	Instrument Used: Aqua TROLL 400 Serial Number: 1080302
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Test Notes:

Weather Conditions:

Cloudy

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
8/6/2024 12:16 PM	00:00	7.45 pH	27.36 °C	208.26 µS/cm	7.14 mg/L	2.23 NTU	148.6 mV	15.51 ft	120.00 ml/min
8/6/2024 12:21 PM	05:00	6.75 pH	22.94 °C	181.44 µS/cm	6.47 mg/L	4.78 NTU	104.2 mV	16.23 ft	120.00 ml/min
8/6/2024 12:26 PM	10:00	6.62 pH	22.71 °C	150.54 µS/cm	6.39 mg/L	14.60 NTU	85.7 mV	16.39 ft	120.00 ml/min
8/6/2024 12:31 PM	15:00	6.62 pH	22.58 °C	175.52 µS/cm	6.38 mg/L	18.10 NTU	80.3 mV	16.46 ft	120.00 ml/min
8/6/2024 12:36 PM	20:00	6.63 pH	22.53 °C	183.26 µS/cm	6.44 mg/L	13.70 NTU	76.5 mV	16.54 ft	120.00 ml/min
8/6/2024 12:41 PM	25:00	6.63 pH	22.63 °C	174.81 µS/cm	6.35 mg/L	12.60 NTU	73.2 mV	16.59 ft	200.00 ml/min
8/6/2024 12:46 PM	30:00	7.88 pH	21.77 °C	187.81 µS/cm	5.99 mg/L	9.36 NTU	92.7 mV	16.92 ft	200.00 ml/min
8/6/2024 12:51 PM	35:00	7.23 pH	21.37 °C	179.77 µS/cm	5.95 mg/L	5.47 NTU	66.6 mV	17.17 ft	160.00 ml/min
8/6/2024 12:56 PM	40:00	6.74 pH	22.15 °C	127.33 µS/cm	6.19 mg/L	4.49 NTU	89.7 mV	17.08 ft	160.00 ml/min
8/6/2024 1:01 PM	45:00	7.04 pH	22.42 °C	164.85 µS/cm	6.02 mg/L	2.59 NTU	66.7 mV	17.08 ft	120.00 ml/min
8/6/2024 1:06 PM	50:00	6.66 pH	22.93 °C	177.64 µS/cm	6.31 mg/L	1.95 NTU	66.0 mV	16.92 ft	120.00 ml/min
8/6/2024 1:11 PM	55:00	6.67 pH	22.99 °C	181.50 µS/cm	6.30 mg/L	1.73 NTU	65.4 mV	16.77 ft	120.00 ml/min
8/6/2024 1:16 PM	01:00:00	6.70 pH	23.07 °C	181.85 µS/cm	6.34 mg/L	1.19 NTU	88.0 mV	16.76 ft	120.00 ml/min

Samples

Sample ID:	Description:
SCH-GWC-2	
SCH-CELL1-FB-6	

Low-Flow Test Report:

Test Date / Time: 8/7/2024 8:56:56 AM

Project: Low-Flow Test 142 (15)

Operator Name:

Location Name: SCH-GWC-3 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 40.1 ft Total Depth: 50.1 ft Initial Depth to Water: 37.29 ft	Estimated Total Volume Pumped: 62855.668 ml Flow Cell Volume: 90 ml Final Flow Rate: 120 ml/min Final Draw Down: 0.17 ft	Instrument Used: Aqua TROLL 400 Serial Number: 1080300
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 5	
8/7/2024 8:56 AM	00:00	5.87 pH	22.62 °C	135.89 µS/cm	2.99 mg/L	123.00 NTU	134.2 mV	37.36 ft	110.00 ml/min
8/7/2024 8:59 AM	02:36	5.87 pH	22.89 °C	137.81 µS/cm	2.64 mg/L	122.00 NTU	125.1 mV	37.36 ft	110.00 ml/min
8/7/2024 9:06 AM	09:12	5.86 pH	23.39 °C	138.24 µS/cm	2.40 mg/L	118.00 NTU	139.1 mV	37.36 ft	110.00 ml/min
8/7/2024 9:10 AM	13:12	5.86 pH	23.60 °C	136.99 µS/cm	2.27 mg/L	117.00 NTU	120.5 mV	37.36 ft	110.00 ml/min
8/7/2024 9:14 AM	17:12	5.85 pH	23.70 °C	138.30 µS/cm	2.20 mg/L	120.00 NTU	110.8 mV	37.36 ft	110.00 ml/min
8/7/2024 9:18 AM	21:12	5.85 pH	23.83 °C	137.91 µS/cm	2.14 mg/L	122.00 NTU	103.2 mV	37.36 ft	110.00 ml/min
8/7/2024 9:22 AM	25:12	5.85 pH	24.00 °C	141.17 µS/cm	2.16 mg/L	85.60 NTU	102.5 mV	37.36 ft	110.00 ml/min
8/7/2024 9:26 AM	29:12	5.85 pH	24.15 °C	140.48 µS/cm	2.22 mg/L	81.60 NTU	150.2 mV	37.36 ft	110.00 ml/min
8/7/2024 9:30 AM	33:12	5.85 pH	24.53 °C	141.32 µS/cm	2.20 mg/L	83.10 NTU	103.0 mV	37.36 ft	110.00 ml/min
8/7/2024 9:34 AM	37:12	5.85 pH	24.78 °C	141.39 µS/cm	2.20 mg/L	78.00 NTU	104.7 mV	37.34 ft	110.00 ml/min
8/7/2024 9:38 AM	41:12	5.85 pH	24.96 °C	141.46 µS/cm	2.17 mg/L	78.00 NTU	112.3 mV	37.34 ft	110.00 ml/min
8/7/2024 9:42 AM	45:12	5.85 pH	25.05 °C	141.11 µS/cm	2.16 mg/L	76.20 NTU	101.4 mV	37.34 ft	110.00 ml/min
8/7/2024 9:46 AM	49:12	5.85 pH	25.30 °C	140.59 µS/cm	2.13 mg/L	63.50 NTU	100.8 mV	37.34 ft	110.00 ml/min
8/7/2024 9:50 AM	53:12	5.84 pH	25.55 °C	140.55 µS/cm	2.11 mg/L	55.70 NTU	104.0 mV	37.34 ft	110.00 ml/min
8/7/2024 9:54 AM	57:12	5.84 pH	25.58 °C	140.44 µS/cm	2.09 mg/L	53.60 NTU	97.7 mV	37.34 ft	110.00 ml/min
8/7/2024 9:58 AM	01:01:12	5.84 pH	25.78 °C	140.38 µS/cm	2.08 mg/L	52.40 NTU	99.2 mV	37.34 ft	110.00 ml/min

8/7/2024 10:02 AM	01:05:12	5.84 pH	25.56 °C	139.78 µS/cm	2.06 mg/L	55.20 NTU	93.0 mV	37.34 ft	110.00 ml/min
8/7/2024 10:06 AM	01:09:12	5.84 pH	25.72 °C	140.11 µS/cm	2.06 mg/L	50.30 NTU	92.9 mV	37.34 ft	110.00 ml/min
8/7/2024 10:10 AM	01:13:12	5.84 pH	26.06 °C	140.12 µS/cm	2.04 mg/L	53.10 NTU	93.7 mV	37.34 ft	110.00 ml/min
8/7/2024 10:14 AM	01:17:12	5.84 pH	26.09 °C	139.51 µS/cm	2.02 mg/L	45.20 NTU	92.2 mV	37.34 ft	110.00 ml/min
8/7/2024 10:18 AM	01:21:12	5.84 pH	26.19 °C	139.80 µS/cm	2.01 mg/L	48.60 NTU	91.5 mV	37.34 ft	110.00 ml/min
8/7/2024 10:22 AM	01:25:12	5.84 pH	26.48 °C	139.68 µS/cm	2.01 mg/L	47.50 NTU	92.5 mV	37.34 ft	110.00 ml/min
8/7/2024 10:26 AM	01:29:12	5.84 pH	26.70 °C	140.27 µS/cm	2.00 mg/L	43.50 NTU	95.2 mV	37.34 ft	110.00 ml/min
8/7/2024 10:30 AM	01:33:12	5.84 pH	26.87 °C	139.43 µS/cm	1.98 mg/L	40.00 NTU	137.0 mV	37.34 ft	110.00 ml/min
8/7/2024 10:34 AM	01:37:12	5.84 pH	26.97 °C	139.78 µS/cm	1.97 mg/L	43.90 NTU	94.8 mV	37.34 ft	110.00 ml/min
8/7/2024 10:38 AM	01:41:12	5.84 pH	27.20 °C	139.11 µS/cm	1.97 mg/L	36.60 NTU	140.6 mV	37.34 ft	110.00 ml/min
8/7/2024 10:42 AM	01:45:12	5.85 pH	27.43 °C	139.57 µS/cm	1.96 mg/L	36.70 NTU	95.4 mV	37.34 ft	110.00 ml/min
8/7/2024 10:46 AM	01:49:12	5.85 pH	27.70 °C	139.85 µS/cm	1.95 mg/L	35.30 NTU	94.1 mV	37.34 ft	110.00 ml/min
8/7/2024 10:50 AM	01:53:12	5.85 pH	28.17 °C	139.18 µS/cm	1.93 mg/L	36.30 NTU	94.5 mV	37.34 ft	110.00 ml/min
8/7/2024 10:54 AM	01:57:12	5.85 pH	28.49 °C	139.11 µS/cm	1.92 mg/L	34.20 NTU	90.6 mV	37.34 ft	110.00 ml/min
8/7/2024 10:58 AM	02:01:12	5.84 pH	29.13 °C	138.91 µS/cm	1.90 mg/L	33.70 NTU	90.7 mV	37.34 ft	110.00 ml/min
8/7/2024 11:02 AM	02:05:12	5.84 pH	29.66 °C	138.50 µS/cm	1.88 mg/L	32.80 NTU	90.2 mV	37.34 ft	110.00 ml/min
8/7/2024 11:06 AM	02:09:12	5.84 pH	29.81 °C	138.48 µS/cm	1.88 mg/L	28.60 NTU	89.4 mV	37.34 ft	110.00 ml/min
8/7/2024 11:10 AM	02:13:12	5.84 pH	30.11 °C	138.57 µS/cm	1.87 mg/L	30.80 NTU	92.6 mV	37.34 ft	110.00 ml/min
8/7/2024 11:14 AM	02:17:12	5.84 pH	30.51 °C	138.08 µS/cm	1.85 mg/L	29.40 NTU	90.0 mV	37.34 ft	110.00 ml/min
8/7/2024 11:18 AM	02:21:12	5.84 pH	30.78 °C	138.28 µS/cm	1.84 mg/L	27.60 NTU	92.2 mV	37.34 ft	110.00 ml/min
8/7/2024 11:22 AM	02:25:12	5.84 pH	30.99 °C	137.98 µS/cm	1.83 mg/L	29.80 NTU	89.7 mV	37.34 ft	110.00 ml/min
8/7/2024 11:26 AM	02:29:12	5.84 pH	31.36 °C	138.25 µS/cm	1.82 mg/L	29.70 NTU	92.0 mV	37.34 ft	110.00 ml/min
8/7/2024 11:30 AM	02:33:12	5.84 pH	31.31 °C	137.20 µS/cm	1.82 mg/L	26.70 NTU	88.4 mV	37.34 ft	110.00 ml/min
8/7/2024 11:34 AM	02:37:12	5.84 pH	31.52 °C	139.60 µS/cm	1.81 mg/L	26.70 NTU	89.9 mV	37.34 ft	110.00 ml/min
8/7/2024 11:38 AM	02:41:12	5.84 pH	31.72 °C	139.00 µS/cm	1.80 mg/L	27.10 NTU	88.7 mV	37.34 ft	110.00 ml/min
8/7/2024 11:42 AM	02:45:12	5.84 pH	31.64 °C	139.19 µS/cm	1.81 mg/L	24.50 NTU	89.2 mV	37.34 ft	110.00 ml/min
8/7/2024 11:46 AM	02:49:12	5.84 pH	31.73 °C	139.07 µS/cm	1.80 mg/L	27.20 NTU	88.8 mV	37.34 ft	110.00 ml/min
8/7/2024 11:50 AM	02:53:12	5.84 pH	31.97 °C	138.71 µS/cm	1.80 mg/L	23.60 NTU	89.4 mV	37.32 ft	110.00 ml/min
8/7/2024 11:54 AM	02:57:12	5.84 pH	31.96 °C	138.76 µS/cm	1.80 mg/L	22.90 NTU	88.7 mV	37.32 ft	110.00 ml/min

8/7/2024 11:58 AM	03:01:12	5.84 pH	32.23 °C	139.01 µS/cm	1.79 mg/L	21.60 NTU	87.9 mV	37.32 ft	110.00 ml/min
8/7/2024 12:02 PM	03:05:12	5.84 pH	32.69 °C	138.99 µS/cm	1.77 mg/L	22.40 NTU	88.8 mV	37.32 ft	110.00 ml/min
8/7/2024 12:06 PM	03:09:12	5.84 pH	32.83 °C	138.90 µS/cm	1.77 mg/L	21.40 NTU	89.3 mV	37.32 ft	110.00 ml/min
8/7/2024 12:10 PM	03:13:12	5.84 pH	32.83 °C	138.88 µS/cm	1.77 mg/L	21.30 NTU	88.3 mV	37.32 ft	110.00 ml/min
8/7/2024 12:14 PM	03:17:12	5.84 pH	33.13 °C	138.74 µS/cm	1.76 mg/L	20.00 NTU	89.2 mV	37.32 ft	110.00 ml/min
8/7/2024 12:18 PM	03:21:12	5.84 pH	33.38 °C	138.56 µS/cm	1.76 mg/L	19.70 NTU	88.0 mV	37.32 ft	110.00 ml/min
8/7/2024 12:21 PM	03:24:26	5.84 pH	33.36 °C	139.72 µS/cm	1.75 mg/L	21.00 NTU	60.8 mV	37.32 ft	110.00 ml/min
8/7/2024 12:25 PM	03:28:26	5.84 pH	33.18 °C	138.02 µS/cm	1.76 mg/L	20.40 NTU	90.0 mV	37.32 ft	110.00 ml/min
8/7/2024 12:29 PM	03:32:26	5.84 pH	33.44 °C	137.81 µS/cm	1.76 mg/L	19.80 NTU	89.0 mV	37.32 ft	110.00 ml/min
8/7/2024 12:33 PM	03:36:26	5.84 pH	33.87 °C	137.33 µS/cm	1.74 mg/L	19.20 NTU	89.0 mV	37.32 ft	110.00 ml/min
8/7/2024 12:37 PM	03:40:26	5.84 pH	33.72 °C	136.50 µS/cm	1.74 mg/L	18.70 NTU	89.2 mV	37.32 ft	110.00 ml/min
8/7/2024 12:41 PM	03:44:26	5.84 pH	33.78 °C	137.21 µS/cm	1.74 mg/L	18.60 NTU	91.3 mV	37.32 ft	110.00 ml/min
8/7/2024 12:45 PM	03:48:26	5.84 pH	34.22 °C	137.55 µS/cm	1.73 mg/L	18.50 NTU	92.0 mV	37.32 ft	110.00 ml/min
8/7/2024 12:49 PM	03:52:26	5.84 pH	34.77 °C	138.63 µS/cm	1.72 mg/L	18.60 NTU	92.3 mV	37.32 ft	110.00 ml/min
8/7/2024 12:53 PM	03:56:26	5.84 pH	34.95 °C	141.00 µS/cm	1.72 mg/L	17.80 NTU	92.1 mV	37.32 ft	110.00 ml/min
8/7/2024 12:57 PM	04:00:26	5.84 pH	35.43 °C	141.07 µS/cm	1.71 mg/L	16.70 NTU	92.6 mV	37.32 ft	110.00 ml/min
8/7/2024 1:01 PM	04:04:26	5.84 pH	35.94 °C	140.92 µS/cm	1.69 mg/L	16.00 NTU	92.1 mV	37.32 ft	110.00 ml/min
8/7/2024 1:05 PM	04:08:26	5.84 pH	36.33 °C	140.81 µS/cm	1.68 mg/L	124.00 NTU	89.7 mV	37.32 ft	300.00 ml/min
8/7/2024 1:09 PM	04:12:26	5.84 pH	36.84 °C	140.81 µS/cm	1.67 mg/L	143.00 NTU	89.1 mV	37.32 ft	300.00 ml/min
8/7/2024 1:13 PM	04:16:26	5.84 pH	37.49 °C	141.23 µS/cm	1.65 mg/L	136.00 NTU	88.9 mV	37.32 ft	300.00 ml/min
8/7/2024 1:17 PM	04:20:26	5.86 pH	37.59 °C	137.10 µS/cm	1.66 mg/L	122.00 NTU	90.0 mV	37.47 ft	300.00 ml/min
8/7/2024 1:21 PM	04:24:26	5.88 pH	25.77 °C	127.77 µS/cm	2.33 mg/L	117.00 NTU	90.8 mV	37.47 ft	300.00 ml/min
8/7/2024 1:25 PM	04:28:26	5.86 pH	25.14 °C	129.39 µS/cm	2.22 mg/L	102.00 NTU	90.3 mV	37.47 ft	300.00 ml/min
8/7/2024 1:29 PM	04:32:26	5.85 pH	24.79 °C	129.49 µS/cm	2.14 mg/L	71.40 NTU	86.5 mV	37.46 ft	300.00 ml/min
8/7/2024 1:33 PM	04:36:26	5.85 pH	24.77 °C	129.11 µS/cm	2.08 mg/L	59.70 NTU	83.2 mV	37.46 ft	300.00 ml/min
8/7/2024 1:37 PM	04:40:26	5.85 pH	24.82 °C	129.78 µS/cm	2.02 mg/L	46.30 NTU	82.6 mV	37.46 ft	300.00 ml/min
8/7/2024 1:41 PM	04:44:26	5.85 pH	24.65 °C	128.32 µS/cm	2.00 mg/L	42.20 NTU	82.0 mV	37.46 ft	300.00 ml/min
8/7/2024 1:45 PM	04:48:26	5.85 pH	24.80 °C	127.52 µS/cm	1.99 mg/L	41.70 NTU	84.9 mV	37.46 ft	300.00 ml/min
8/7/2024 1:49 PM	04:52:26	5.85 pH	24.73 °C	127.27 µS/cm	1.97 mg/L	38.90 NTU	84.2 mV	37.46 ft	300.00 ml/min

8/7/2024 1:53 PM	04:56:26	5.85 pH	25.06 °C	127.40 µS/cm	1.94 mg/L	29.40 NTU	80.9 mV	37.46 ft	300.00 ml/min
8/7/2024 1:57 PM	05:00:26	5.85 pH	25.05 °C	126.59 µS/cm	1.91 mg/L	28.40 NTU	80.6 mV	37.46 ft	300.00 ml/min
8/7/2024 2:01 PM	05:04:26	5.84 pH	24.29 °C	126.19 µS/cm	1.93 mg/L	23.20 NTU	113.4 mV	37.46 ft	300.00 ml/min
8/7/2024 2:05 PM	05:08:26	5.85 pH	24.71 °C	127.01 µS/cm	1.92 mg/L	22.40 NTU	84.1 mV	37.46 ft	300.00 ml/min
8/7/2024 2:09 PM	05:12:26	5.84 pH	24.35 °C	127.03 µS/cm	1.94 mg/L	19.90 NTU	80.7 mV	37.46 ft	200.00 ml/min
8/7/2024 2:13 PM	05:16:26	5.84 pH	24.78 °C	128.21 µS/cm	1.93 mg/L	18.30 NTU	81.6 mV	37.46 ft	200.00 ml/min
8/7/2024 2:17 PM	05:20:26	5.85 pH	26.61 °C	125.12 µS/cm	1.82 mg/L	17.60 NTU	83.0 mV	37.46 ft	120.00 ml/min
8/7/2024 2:21 PM	05:24:26	5.83 pH	26.97 °C	128.87 µS/cm	1.86 mg/L	17.60 NTU	84.0 mV	37.46 ft	120.00 ml/min
8/7/2024 2:25 PM	05:28:26	5.84 pH	29.48 °C	127.38 µS/cm	1.74 mg/L	16.70 NTU	86.5 mV	37.46 ft	120.00 ml/min
8/7/2024 2:26 PM	05:29:47	5.84 pH	29.68 °C	126.52 µS/cm	1.73 mg/L	13.40 NTU	53.3 mV	37.46 ft	120.00 ml/min
8/7/2024 2:30 PM	05:33:47	5.84 pH	29.84 °C	126.22 µS/cm	1.72 mg/L	12.00 NTU	84.0 mV	37.46 ft	120.00 ml/min
8/7/2024 2:34 PM	05:37:47	5.84 pH	29.85 °C	126.26 µS/cm	1.73 mg/L	12.70 NTU	85.7 mV	37.46 ft	120.00 ml/min
8/7/2024 2:38 PM	05:41:47	5.84 pH	29.64 °C	126.23 µS/cm	1.75 mg/L	11.40 NTU	86.0 mV	37.46 ft	120.00 ml/min
8/7/2024 2:42 PM	05:45:47	5.84 pH	29.37 °C	127.20 µS/cm	1.76 mg/L	12.50 NTU	82.7 mV	37.46 ft	120.00 ml/min
8/7/2024 2:46 PM	05:49:47	5.84 pH	29.58 °C	125.57 µS/cm	1.75 mg/L	13.20 NTU	82.8 mV	37.46 ft	120.00 ml/min
8/7/2024 2:50 PM	05:53:47	5.84 pH	29.02 °C	124.88 µS/cm	1.77 mg/L	12.30 NTU	82.3 mV	37.46 ft	120.00 ml/min
8/7/2024 2:54 PM	05:57:47	5.84 pH	29.01 °C	125.74 µS/cm	1.78 mg/L	10.40 NTU	85.3 mV	37.46 ft	120.00 ml/min
8/7/2024 2:58 PM	06:01:47	5.84 pH	29.38 °C	125.64 µS/cm	1.77 mg/L	11.70 NTU	85.8 mV	37.46 ft	120.00 ml/min
8/7/2024 3:02 PM	06:05:47	5.84 pH	29.77 °C	125.27 µS/cm	1.76 mg/L	9.13 NTU	86.0 mV	37.46 ft	120.00 ml/min
8/7/2024 3:06 PM	06:09:47	5.84 pH	29.26 °C	122.78 µS/cm	1.76 mg/L	10.60 NTU	85.9 mV	37.46 ft	120.00 ml/min
8/7/2024 3:10 PM	06:13:47	5.84 pH	29.37 °C	124.13 µS/cm	1.77 mg/L	9.61 NTU	83.0 mV	37.46 ft	120.00 ml/min
8/7/2024 3:14 PM	06:17:47	5.84 pH	29.19 °C	123.95 µS/cm	1.77 mg/L	9.19 NTU	83.3 mV	37.46 ft	120.00 ml/min
8/7/2024 3:18 PM	06:21:47	5.84 pH	29.49 °C	124.74 µS/cm	1.78 mg/L	9.02 NTU	83.1 mV	37.46 ft	120.00 ml/min
8/7/2024 3:22 PM	06:25:47	5.84 pH	29.74 °C	123.64 µS/cm	1.77 mg/L	8.91 NTU	84.8 mV	37.46 ft	120.00 ml/min
8/7/2024 3:26 PM	06:29:47	5.84 pH	29.31 °C	122.35 µS/cm	1.78 mg/L	8.87 NTU	83.0 mV	37.46 ft	120.00 ml/min
8/7/2024 3:30 PM	06:33:47	5.84 pH	29.48 °C	123.98 µS/cm	1.78 mg/L	7.50 NTU	84.7 mV	37.46 ft	120.00 ml/min
8/7/2024 3:34 PM	06:37:47	5.84 pH	29.83 °C	122.46 µS/cm	1.77 mg/L	7.73 NTU	117.4 mV	37.46 ft	120.00 ml/min
8/7/2024 3:38 PM	06:41:47	5.84 pH	29.47 °C	122.52 µS/cm	1.79 mg/L	6.58 NTU	86.8 mV	37.46 ft	120.00 ml/min
8/7/2024 3:42 PM	06:45:47	5.84 pH	29.15 °C	120.69 µS/cm	1.80 mg/L	6.53 NTU	85.3 mV	37.46 ft	120.00 ml/min

8/7/2024 3:46 PM	06:49:47	5.84 pH	28.68 °C	123.60 µS/cm	1.88 mg/L	6.56 NTU	84.3 mV	37.46 ft	120.00 ml/min
8/7/2024 3:50 PM	06:53:47	5.84 pH	29.61 °C	124.11 µS/cm	1.86 mg/L	6.62 NTU	84.9 mV	37.46 ft	120.00 ml/min
8/7/2024 3:54 PM	06:57:47	5.84 pH	29.17 °C	122.13 µS/cm	1.84 mg/L	6.65 NTU	85.1 mV	37.46 ft	120.00 ml/min
8/7/2024 3:58 PM	07:01:47	5.84 pH	28.01 °C	121.28 µS/cm	1.88 mg/L	6.30 NTU	84.0 mV	37.46 ft	120.00 ml/min
8/7/2024 4:02 PM	07:05:47	5.84 pH	28.54 °C	123.72 µS/cm	1.89 mg/L	5.80 NTU	83.7 mV	37.46 ft	120.00 ml/min
8/7/2024 4:06 PM	07:09:47	5.85 pH	29.36 °C	122.86 µS/cm	1.85 mg/L	5.84 NTU	85.0 mV	37.46 ft	120.00 ml/min
8/7/2024 4:10 PM	07:13:47	5.84 pH	29.14 °C	123.00 µS/cm	1.85 mg/L	5.45 NTU	85.2 mV	37.46 ft	120.00 ml/min
8/7/2024 4:14 PM	07:17:47	5.84 pH	29.76 °C	123.62 µS/cm	1.81 mg/L	5.24 NTU	85.4 mV	37.46 ft	120.00 ml/min
8/7/2024 4:18 PM	07:21:47	5.84 pH	29.29 °C	121.87 µS/cm	1.81 mg/L	4.93 NTU	85.0 mV	37.46 ft	120.00 ml/min
8/7/2024 4:22 PM	07:25:10	5.84 pH	28.73 °C	122.43 µS/cm	1.83 mg/L	4.93 NTU	54.4 mV	37.46 ft	120.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 8/7/2024 3:00:15 PM

Project: SCS Plant Scherer (13)

Operator Name: Daniel Howard

Location Name: SCH-GWC-4 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 33.41 ft Total Depth: 43.41 ft Initial Depth to Water: 33.75 ft	Pump Type: Dedicated Bladder Tubing Type: HDPE Pump Intake From TOC: 38.41 ft Estimated Total Volume Pumped: 18450 ml Flow Cell Volume: 90 ml Final Flow Rate: 170 ml/min Final Draw Down: 0.3 ft	Instrument Used: Aqua TROLL 400 Serial Number: 1080306
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Test Notes:

Sample time 1650.

Weather Conditions:

Hot and humid

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
8/7/2024 3:00 PM	00:00	6.14 pH	22.29 °C	409.88 µS/cm	4.00 mg/L	0.63 NTU	203.4 mV	33.75 ft	160.00 ml/min
8/7/2024 3:05 PM	05:00	6.14 pH	22.55 °C	400.17 µS/cm	3.63 mg/L	0.70 NTU	260.3 mV	34.01 ft	160.00 ml/min
8/7/2024 3:10 PM	10:00	6.14 pH	22.57 °C	397.65 µS/cm	3.43 mg/L	0.71 NTU	204.8 mV	34.01 ft	160.00 ml/min
8/7/2024 3:15 PM	15:00	6.13 pH	22.19 °C	397.26 µS/cm	3.38 mg/L	0.78 NTU	202.5 mV	34.03 ft	160.00 ml/min
8/7/2024 3:20 PM	20:00	6.14 pH	22.45 °C	397.20 µS/cm	3.29 mg/L	0.78 NTU	201.1 mV	34.04 ft	160.00 ml/min
8/7/2024 3:25 PM	25:00	6.14 pH	22.02 °C	398.50 µS/cm	3.23 mg/L	0.62 NTU	199.8 mV	34.04 ft	170.00 ml/min
8/7/2024 3:30 PM	30:00	6.14 pH	21.82 °C	397.29 µS/cm	3.19 mg/L	0.48 NTU	198.5 mV	34.04 ft	170.00 ml/min
8/7/2024 3:35 PM	35:00	6.14 pH	21.81 °C	396.37 µS/cm	3.16 mg/L	0.60 NTU	198.0 mV	34.04 ft	170.00 ml/min
8/7/2024 3:40 PM	40:00	6.14 pH	21.89 °C	397.33 µS/cm	3.11 mg/L	0.39 NTU	197.1 mV	34.04 ft	170.00 ml/min
8/7/2024 3:45 PM	45:00	6.13 pH	21.49 °C	397.00 µS/cm	3.10 mg/L	0.27 NTU	197.0 mV	34.04 ft	170.00 ml/min
8/7/2024 3:50 PM	50:00	6.13 pH	21.90 °C	397.45 µS/cm	3.06 mg/L	0.46 NTU	196.4 mV	34.04 ft	170.00 ml/min
8/7/2024 3:55 PM	55:00	6.13 pH	21.68 °C	394.97 µS/cm	3.03 mg/L	0.50 NTU	195.8 mV	34.04 ft	170.00 ml/min
8/7/2024 4:00 PM	01:00:00	6.14 pH	21.45 °C	394.17 µS/cm	3.02 mg/L	0.28 NTU	194.2 mV	34.04 ft	170.00 ml/min

8/7/2024 4:05 PM	01:05:00	6.13 pH	21.74 °C	391.86 µS/cm	3.00 mg/L	0.33 NTU	193.8 mV	34.05 ft	170.00 ml/min
8/7/2024 4:10 PM	01:10:00	6.13 pH	21.80 °C	392.01 µS/cm	2.99 mg/L	0.26 NTU	194.7 mV	34.05 ft	170.00 ml/min
8/7/2024 4:15 PM	01:15:00	6.13 pH	22.15 °C	391.74 µS/cm	2.95 mg/L	0.33 NTU	194.1 mV	34.05 ft	170.00 ml/min
8/7/2024 4:20 PM	01:20:00	6.13 pH	21.44 °C	392.35 µS/cm	2.97 mg/L	0.55 NTU	193.1 mV	34.05 ft	170.00 ml/min
8/7/2024 4:25 PM	01:25:00	6.13 pH	21.76 °C	394.02 µS/cm	2.95 mg/L	0.27 NTU	193.3 mV	34.05 ft	170.00 ml/min
8/7/2024 4:30 PM	01:30:00	6.14 pH	21.29 °C	391.23 µS/cm	2.96 mg/L	0.41 NTU	191.8 mV	34.05 ft	170.00 ml/min
8/7/2024 4:35 PM	01:35:00	6.13 pH	21.55 °C	389.61 µS/cm	2.94 mg/L	0.66 NTU	192.5 mV	34.05 ft	170.00 ml/min
8/7/2024 4:40 PM	01:40:00	6.13 pH	21.84 °C	388.93 µS/cm	2.91 mg/L	0.20 NTU	191.4 mV	34.05 ft	170.00 ml/min
8/7/2024 4:45 PM	01:45:00	6.13 pH	22.16 °C	388.42 µS/cm	2.89 mg/L	0.29 NTU	237.8 mV	34.05 ft	170.00 ml/min
8/7/2024 4:50 PM	01:50:00	6.12 pH	21.98 °C	390.11 µS/cm	2.91 mg/L	0.36 NTU	192.7 mV	34.05 ft	170.00 ml/min

Samples

Sample ID:	Description:
SCH-GWC-4	

Low-Flow Test Report:

Test Date / Time: 8/6/2024 9:56:02 AM

Project: Low-Flow Test 142 (10)

Operator Name:

Location Name: SCH-GWC-5 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 24.16 ft Total Depth: 34.16 ft Initial Depth to Water: 21.88 ft	Estimated Total Volume Pumped: 4000 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.09 ft	Instrument Used: Aqua TROLL 400 Serial Number: 1080300
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 5	
8/6/2024 9:56 AM	00:00	5.97 pH	20.78 °C	329.86 µS/cm	4.90 mg/L	0.76 NTU	131.7 mV	21.98 ft	200.00 ml/min
8/6/2024 10:00 AM	04:00	5.98 pH	21.55 °C	328.11 µS/cm	4.72 mg/L	1.28 NTU	92.4 mV	21.97 ft	200.00 ml/min
8/6/2024 10:04 AM	08:00	5.98 pH	21.63 °C	328.27 µS/cm	4.63 mg/L	1.42 NTU	91.6 mV	21.97 ft	200.00 ml/min
8/6/2024 10:08 AM	12:00	5.99 pH	21.65 °C	330.69 µS/cm	4.62 mg/L	1.53 NTU	87.5 mV	21.97 ft	200.00 ml/min
8/6/2024 10:12 AM	16:00	6.00 pH	21.73 °C	330.96 µS/cm	4.59 mg/L	1.59 NTU	87.3 mV	21.97 ft	200.00 ml/min
8/6/2024 10:16 AM	20:00	6.00 pH	21.83 °C	331.21 µS/cm	4.58 mg/L	1.19 NTU	87.3 mV	21.97 ft	200.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 8/7/2024 10:30:28 AM

Project: SCS Plant Scherer (12)

Operator Name: Daniel Howard

Location Name: SCH-GWC-6 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 38.5 ft Total Depth: 48.5 ft Initial Depth to Water: 40.16 ft	Pump Type: QED BLADDER PUMP Tubing Type: LDPE Pump Intake From TOC: 45.5 ft Estimated Total Volume Pumped: 27906 ml Flow Cell Volume: 90 ml Final Flow Rate: 180 ml/min Final Draw Down: 0.04 ft	Instrument Used: Aqua TROLL 400 Serial Number: 1080306
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Test Notes:

Sample time 1305.

Weather Conditions:

Clear, hot and humid

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
8/7/2024 10:30 AM	00:00	6.18 pH	22.13 °C	212.51 µS/cm	7.00 mg/L	37.20 NTU	246.5 mV	40.16 ft	180.00 ml/min
8/7/2024 10:35 AM	05:00	6.20 pH	21.72 °C	207.14 µS/cm	7.00 mg/L	28.60 NTU	238.1 mV	40.18 ft	180.00 ml/min
8/7/2024 10:40 AM	10:00	6.20 pH	21.77 °C	206.77 µS/cm	6.96 mg/L	23.20 NTU	235.4 mV	40.19 ft	180.00 ml/min
8/7/2024 10:45 AM	15:00	6.19 pH	21.62 °C	207.09 µS/cm	7.00 mg/L	18.20 NTU	294.7 mV	40.19 ft	180.00 ml/min
8/7/2024 10:50 AM	20:00	6.19 pH	21.61 °C	205.79 µS/cm	7.01 mg/L	16.90 NTU	235.4 mV	40.19 ft	180.00 ml/min
8/7/2024 10:55 AM	25:00	6.19 pH	21.81 °C	205.59 µS/cm	6.98 mg/L	16.00 NTU	235.5 mV	40.19 ft	180.00 ml/min
8/7/2024 10:59 AM	28:37	6.20 pH	21.86 °C	205.13 µS/cm	7.18 mg/L	13.80 NTU	290.9 mV	40.19 ft	180.00 ml/min
8/7/2024 11:04 AM	33:37	6.20 pH	21.98 °C	204.07 µS/cm	7.10 mg/L	13.80 NTU	234.7 mV	40.19 ft	180.00 ml/min
8/7/2024 11:09 AM	38:37	6.21 pH	21.75 °C	203.07 µS/cm	7.09 mg/L	12.30 NTU	234.5 mV	40.19 ft	180.00 ml/min
8/7/2024 11:14 AM	43:37	6.20 pH	21.85 °C	204.31 µS/cm	7.10 mg/L	10.60 NTU	292.5 mV	40.19 ft	180.00 ml/min
8/7/2024 11:19 AM	48:37	6.20 pH	21.80 °C	203.01 µS/cm	7.04 mg/L	9.61 NTU	232.7 mV	40.19 ft	180.00 ml/min
8/7/2024 11:24 AM	53:37	6.20 pH	21.89 °C	202.48 µS/cm	7.04 mg/L	9.67 NTU	234.0 mV	40.19 ft	180.00 ml/min
8/7/2024 11:29 AM	58:37	6.20 pH	21.78 °C	202.20 µS/cm	7.08 mg/L	5.53 NTU	233.7 mV	40.19 ft	180.00 ml/min

Low-Flow Test Report:

Test Date / Time: 8/6/2024 8:50:07 AM

Project: Low-Flow Test 142 (9)

Operator Name:

Location Name: SCH-GWC-7 Latitude: 33.066986571341126 Longitude: -83.79980832122774 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 48.72 ft Total Depth: 58.72 ft Initial Depth to Water: 43.44 ft	Estimated Total Volume Pumped: 4000 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.34 ft	Instrument Used: Aqua TROLL 400 Serial Number: 1080300
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 5	
8/6/2024 8:50 AM	00:00	6.43 pH	21.71 °C	182.60 µS/cm	6.89 mg/L	0.54 NTU	149.0 mV	43.78 ft	200.00 ml/min
8/6/2024 8:54 AM	04:00	6.31 pH	20.75 °C	185.88 µS/cm	6.58 mg/L	0.46 NTU	106.4 mV	43.77 ft	200.00 ml/min
8/6/2024 8:58 AM	08:00	6.26 pH	20.58 °C	187.82 µS/cm	6.25 mg/L	0.43 NTU	98.4 mV	43.78 ft	200.00 ml/min
8/6/2024 9:02 AM	12:00	6.25 pH	20.60 °C	187.23 µS/cm	6.16 mg/L	0.48 NTU	97.3 mV	43.78 ft	200.00 ml/min
8/6/2024 9:06 AM	16:00	6.25 pH	20.61 °C	186.83 µS/cm	6.11 mg/L	0.41 NTU	95.0 mV	43.78 ft	200.00 ml/min
8/6/2024 9:10 AM	20:00	6.25 pH	20.69 °C	186.34 µS/cm	6.07 mg/L	0.36 NTU	93.5 mV	43.78 ft	200.00 ml/min

Samples

Sample ID:	Description:
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8/7/2024 11:34 AM	01:03:37	6.20 pH	21.90 °C	201.46 µS/cm	7.02 mg/L	6.07 NTU	233.5 mV	40.19 ft	180.00 ml/min
8/7/2024 11:39 AM	01:08:37	6.20 pH	21.93 °C	202.21 µS/cm	7.04 mg/L	5.30 NTU	292.6 mV	40.19 ft	180.00 ml/min
8/7/2024 11:44 AM	01:13:37	6.20 pH	21.80 °C	200.90 µS/cm	7.01 mg/L	4.83 NTU	233.1 mV	40.20 ft	180.00 ml/min
8/7/2024 11:49 AM	01:18:37	6.20 pH	21.94 °C	202.05 µS/cm	7.04 mg/L	5.03 NTU	289.7 mV	40.20 ft	180.00 ml/min
8/7/2024 11:54 AM	01:23:37	6.20 pH	21.78 °C	201.04 µS/cm	7.03 mg/L	4.88 NTU	232.3 mV	40.20 ft	180.00 ml/min
8/7/2024 11:59 AM	01:28:37	6.19 pH	21.83 °C	201.24 µS/cm	7.02 mg/L	3.81 NTU	291.5 mV	40.20 ft	180.00 ml/min
8/7/2024 12:04 PM	01:33:37	6.20 pH	21.89 °C	200.78 µS/cm	7.01 mg/L	4.00 NTU	232.5 mV	40.20 ft	180.00 ml/min
8/7/2024 12:09 PM	01:38:37	6.20 pH	22.01 °C	201.56 µS/cm	6.98 mg/L	5.12 NTU	288.0 mV	40.20 ft	180.00 ml/min
8/7/2024 12:14 PM	01:43:37	6.19 pH	22.10 °C	201.23 µS/cm	6.99 mg/L	4.40 NTU	287.5 mV	40.20 ft	180.00 ml/min
8/7/2024 12:19 PM	01:48:37	6.20 pH	21.97 °C	199.71 µS/cm	6.98 mg/L	3.83 NTU	230.7 mV	40.20 ft	180.00 ml/min
8/7/2024 12:24 PM	01:53:37	6.19 pH	22.43 °C	200.75 µS/cm	6.99 mg/L	3.77 NTU	231.7 mV	40.20 ft	180.00 ml/min
8/7/2024 12:29 PM	01:58:37	6.19 pH	22.70 °C	201.88 µS/cm	6.97 mg/L	3.56 NTU	289.0 mV	40.20 ft	180.00 ml/min
8/7/2024 12:34 PM	02:03:37	6.20 pH	22.82 °C	199.50 µS/cm	6.96 mg/L	3.03 NTU	231.9 mV	40.20 ft	180.00 ml/min
8/7/2024 12:39 PM	02:08:37	6.19 pH	22.69 °C	201.15 µS/cm	6.97 mg/L	3.42 NTU	231.0 mV	40.20 ft	180.00 ml/min
8/7/2024 12:40 PM	02:10:02	6.19 pH	22.89 °C	203.08 µS/cm	7.00 mg/L	3.20 NTU	238.3 mV	40.20 ft	180.00 ml/min
8/7/2024 12:45 PM	02:15:02	6.19 pH	22.88 °C	201.27 µS/cm	6.93 mg/L	3.00 NTU	232.0 mV	40.20 ft	180.00 ml/min
8/7/2024 12:50 PM	02:20:02	6.19 pH	23.02 °C	201.45 µS/cm	6.95 mg/L	2.84 NTU	231.1 mV	40.20 ft	180.00 ml/min
8/7/2024 12:55 PM	02:25:02	6.19 pH	22.83 °C	201.09 µS/cm	6.94 mg/L	2.51 NTU	230.4 mV	40.20 ft	180.00 ml/min
8/7/2024 1:00 PM	02:30:02	6.19 pH	22.95 °C	201.31 µS/cm	6.95 mg/L	2.57 NTU	231.1 mV	40.20 ft	180.00 ml/min
8/7/2024 1:05 PM	02:35:02	6.19 pH	22.82 °C	201.71 µS/cm	6.94 mg/L	2.31 NTU	288.7 mV	40.20 ft	180.00 ml/min

Samples

Sample ID:	Description:
SCH GWC-6	

Low-Flow Test Report:

Test Date / Time: 8/6/2024 11:54:31 AM

Project: Low-Flow Test 142 (12)

Operator Name:

Location Name: SCH-GWC-8A Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 37.5 ft Total Depth: 47.5 ft Initial Depth to Water: 23.5 ft	Estimated Total Volume Pumped: 4800 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.35 ft	Instrument Used: Aqua TROLL 400 Serial Number: 1080300
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 5	
8/6/2024 11:54 AM	00:00	6.40 pH	22.08 °C	382.06 µS/cm	2.03 mg/L	0.57 NTU	62.3 mV	23.81 ft	200.00 ml/min
8/6/2024 11:58 AM	04:00	6.38 pH	21.19 °C	382.22 µS/cm	1.30 mg/L	0.37 NTU	50.6 mV	23.82 ft	200.00 ml/min
8/6/2024 12:02 PM	08:00	6.36 pH	21.06 °C	375.32 µS/cm	0.86 mg/L	0.44 NTU	44.4 mV	23.82 ft	200.00 ml/min
8/6/2024 12:06 PM	12:00	6.36 pH	21.12 °C	368.99 µS/cm	0.62 mg/L	0.34 NTU	39.9 mV	23.82 ft	200.00 ml/min
8/6/2024 12:10 PM	16:00	6.35 pH	21.06 °C	367.77 µS/cm	0.52 mg/L	0.34 NTU	37.8 mV	23.82 ft	200.00 ml/min
8/6/2024 12:14 PM	20:00	6.35 pH	21.01 °C	369.29 µS/cm	0.48 mg/L	0.34 NTU	37.1 mV	23.82 ft	200.00 ml/min
8/6/2024 12:18 PM	24:00	6.35 pH	21.05 °C	369.26 µS/cm	0.42 mg/L	0.34 NTU	36.7 mV	23.85 ft	200.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 8/6/2024 1:11:04 PM

Project: Sch-GWC-9

Operator Name: Jacob Stucky

Location Name: SCH-GWC-9 Latitude: 33.072891170189784 Longitude: -83.79572382204587 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 10.25 ft Total Depth: 20.25 ft Initial Depth to Water: 7.58 ft	Pump Type: Dedicated bladder Estimated Total Volume Pumped: 3750 ml Flow Cell Volume: 90 ml Final Flow Rate: 150 ml/min Final Draw Down: 0.82 ft	Instrument Used: Aqua TROLL 400 Serial Number: 989619
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
8/6/2024 1:11 PM	00:00	6.93 pH	24.96 °C	201.38 µS/cm	6.21 mg/L	5.77 NTU	98.7 mV	7.58 ft	150.00 ml/min
8/6/2024 1:16 PM	05:00	6.57 pH	20.15 °C	225.01 µS/cm	2.15 mg/L	11.50 NTU	65.6 mV	8.26 ft	150.00 ml/min
8/6/2024 1:21 PM	10:00	6.52 pH	19.93 °C	220.37 µS/cm	1.94 mg/L	5.11 NTU	70.1 mV	8.35 ft	150.00 ml/min
8/6/2024 1:26 PM	15:00	6.50 pH	19.84 °C	219.22 µS/cm	1.88 mg/L	3.21 NTU	57.7 mV	8.36 ft	150.00 ml/min
8/6/2024 1:31 PM	20:00	6.48 pH	19.89 °C	218.03 µS/cm	1.87 mg/L	2.82 NTU	68.5 mV	8.40 ft	150.00 ml/min
8/6/2024 1:36 PM	25:00	6.47 pH	19.84 °C	217.78 µS/cm	1.87 mg/L	1.67 NTU	58.0 mV	8.40 ft	150.00 ml/min

Samples

Sample ID:	Description:
SCH-GWC-9	

Low-Flow Test Report:

Test Date / Time: 8/6/2024 12:17:20 PM

Project: SCH-GWC-10

Operator Name: Jacob Stucky

Location Name: SCH-GWC-10 Latitude: 33.07395324114065 Longitude: -83.79629655748958 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 30.65 ft Total Depth: 40.65 ft Initial Depth to Water: 11.73 ft	Pump Type: Dedicated bladder Estimated Total Volume Pumped: 2250 ml Flow Cell Volume: 90 ml Final Flow Rate: 150 ml/min Final Draw Down: 0.12 ft	Instrument Used: Aqua TROLL 400 Serial Number: 989619
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
8/6/2024 12:17 PM	00:00	6.49 pH	25.44 °C	214.93 µS/cm	3.18 mg/L	1.72 NTU	99.4 mV	11.73 ft	150.00 ml/min
8/6/2024 12:22 PM	05:00	6.22 pH	20.96 °C	212.06 µS/cm	0.31 mg/L	0.50 NTU	62.6 mV	11.85 ft	150.00 ml/min
8/6/2024 12:27 PM	10:00	6.21 pH	20.73 °C	212.29 µS/cm	0.24 mg/L	0.32 NTU	50.5 mV	11.85 ft	150.00 ml/min
8/6/2024 12:32 PM	15:00	6.22 pH	20.70 °C	209.67 µS/cm	0.24 mg/L	0.74 NTU	46.8 mV	11.85 ft	150.00 ml/min

Samples

Sample ID:	Description:
SCH-GWC-10	

Low-Flow Test Report:

Test Date / Time: 8/6/2024 11:10:10 AM

Project: Sch-GWC-11

Operator Name: Jacob Stucky

Location Name: SCH-GWC-11 Latitude: 33.07489348112892 Longitude: -83.79711966038104 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 24.54 ft Total Depth: 34.54 ft Initial Depth to Water: 19.23 ft	Pump Type: Dedicated bladder Estimated Total Volume Pumped: 7000 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.28 ft	Instrument Used: Aqua TROLL 400 Serial Number: 989619
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
8/6/2024 11:10 AM	00:00	6.12 pH	24.49 °C	132.33 µS/cm	6.98 mg/L	2.56 NTU	106.9 mV	19.23 ft	200.00 ml/min
8/6/2024 11:15 AM	05:00	6.15 pH	19.04 °C	129.76 µS/cm	1.49 mg/L	9.94 NTU	68.6 mV	19.45 ft	200.00 ml/min
8/6/2024 11:20 AM	10:00	6.15 pH	18.87 °C	129.96 µS/cm	1.01 mg/L	9.26 NTU	57.1 mV	19.51 ft	200.00 ml/min
8/6/2024 11:25 AM	15:00	6.12 pH	18.82 °C	129.91 µS/cm	0.96 mg/L	6.95 NTU	55.8 mV	19.51 ft	200.00 ml/min
8/6/2024 11:30 AM	20:00	6.13 pH	18.78 °C	129.72 µS/cm	0.94 mg/L	5.44 NTU	54.9 mV	19.51 ft	200.00 ml/min
8/6/2024 11:35 AM	25:00	6.14 pH	18.81 °C	129.34 µS/cm	0.92 mg/L	4.78 NTU	54.6 mV	19.51 ft	200.00 ml/min
8/6/2024 11:40 AM	30:00	6.12 pH	18.79 °C	129.34 µS/cm	0.92 mg/L	4.05 NTU	55.8 mV	19.51 ft	200.00 ml/min
8/6/2024 11:45 AM	35:00	6.11 pH	18.78 °C	129.85 µS/cm	0.92 mg/L	3.28 NTU	56.0 mV	19.51 ft	200.00 ml/min

Samples

Sample ID:	Description:
SCH-GWC-11	

Low-Flow Test Report:

Test Date / Time: 8/6/2024 10:13:52 AM

Project: Sch-GWC-12

Operator Name: Jacob Stucky

Location Name: SCH-GWC-12 Latitude: 33.075777268999325 Longitude: -83.79783488817867 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 27.82 ft Total Depth: 37.82 ft Initial Depth to Water: 26.66 ft	Pump Type: Dedicated bladder Estimated Total Volume Pumped: 4 liter Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.56 ft	Instrument Used: Aqua TROLL 400 Serial Number: 989619
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 1	
8/6/2024 10:13 AM	00:00	6.02 pH	23.87 °C	28.65 µS/cm	6.81 mg/L	1.04 NTU	115.5 mV	26.66 ft	200.00 ml/min
8/6/2024 10:18 AM	05:00	5.28 pH	19.66 °C	27.39 µS/cm	3.79 mg/L	2.87 NTU	96.6 mV	27.23 ft	200.00 ml/min
8/6/2024 10:23 AM	10:00	5.25 pH	19.48 °C	27.75 µS/cm	3.23 mg/L	1.82 NTU	92.1 mV	27.22 ft	200.00 ml/min
8/6/2024 10:28 AM	15:00	5.26 pH	19.34 °C	27.91 µS/cm	3.11 mg/L	1.28 NTU	90.3 mV	27.22 ft	200.00 ml/min
8/6/2024 10:33 AM	20:00	5.26 pH	19.26 °C	27.87 µS/cm	3.04 mg/L	0.88 NTU	90.4 mV	27.22 ft	200.00 ml/min

Samples

Sample ID:	Description:
SCH-GWC-12	
SCH-CELL1-FD-5	

Low-Flow Test Report:

Test Date / Time: 8/6/2024 9:08:41 AM

Project: Scherer

Operator Name: Jacob Stucky

Location Name: Sch-GWC-13 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 34.2 ft Total Depth: 44.2 ft Initial Depth to Water: 31.56 ft	Pump Type: Dedicated bladder Estimated Total Volume Pumped: 3724 ml Flow Cell Volume: 90 ml Final Flow Rate: 120 ml/min Final Draw Down: 0.09 ft	Instrument Used: Aqua TROLL 400 Serial Number: 989619
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Test Notes:

Weather Conditions:

Cloudy

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 1	
8/6/2024 9:08 AM	00:00	6.78 pH	24.57 °C	110.32 µS/cm	7.15 mg/L	2.03 NTU	155.4 mV	31.56 ft	120.00 ml/min
8/6/2024 9:12 AM	03:48	5.99 pH	20.22 °C	91.79 µS/cm	4.25 mg/L	1.77 NTU	145.8 mV	31.61 ft	120.00 ml/min
8/6/2024 9:13 AM	04:22	5.98 pH	20.07 °C	91.73 µS/cm	4.15 mg/L	1.21 NTU	142.1 mV	31.62 ft	120.00 ml/min
8/6/2024 9:18 AM	09:22	5.96 pH	19.71 °C	93.87 µS/cm	3.48 mg/L	0.79 NTU	95.9 mV	31.62 ft	120.00 ml/min
8/6/2024 9:23 AM	14:22	5.96 pH	19.84 °C	94.95 µS/cm	3.30 mg/L	0.71 NTU	88.4 mV	31.62 ft	120.00 ml/min
8/6/2024 9:23 AM	14:56	5.96 pH	19.78 °C	94.53 µS/cm	3.28 mg/L	0.69 NTU	95.9 mV	31.65 ft	120.00 ml/min
8/6/2024 9:28 AM	19:56	5.96 pH	19.72 °C	94.93 µS/cm	3.20 mg/L	0.43 NTU	86.3 mV	31.65 ft	120.00 ml/min
8/6/2024 9:33 AM	24:56	5.95 pH	19.89 °C	95.03 µS/cm	3.15 mg/L	0.41 NTU	84.6 mV	31.65 ft	120.00 ml/min
8/6/2024 9:38 AM	29:56	5.95 pH	19.77 °C	95.06 µS/cm	3.12 mg/L	0.40 NTU	83.5 mV	31.65 ft	120.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 8/8/2024 10:30:51 AM

Project: SCS Plant Scherer (15)

Operator Name: Daniel Howard

Location Name: SCH-GWC-14 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 17.5 ft Total Depth: 27.5 ft Initial Depth to Water: 13.98 ft	Pump Type: Dedicated Bladder Tubing Type: HDPE Pump Intake From TOC: 22.5 ft Estimated Total Volume Pumped: 5000 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.09 ft	Instrument Used: Aqua TROLL 400 Serial Number: 1080306
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Test Notes:

Sample time 1055

Weather Conditions:

Hot and humid

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
8/8/2024 10:30 AM	00:00	5.57 pH	20.17 °C	85.28 µS/cm	0.71 mg/L	3.91 NTU	245.0 mV	13.98 ft	200.00 ml/min
8/8/2024 10:35 AM	05:00	5.57 pH	19.98 °C	86.55 µS/cm	0.42 mg/L	2.64 NTU	212.4 mV	14.07 ft	200.00 ml/min
8/8/2024 10:40 AM	10:00	5.57 pH	19.93 °C	87.62 µS/cm	0.33 mg/L	2.33 NTU	202.6 mV	14.07 ft	200.00 ml/min
8/8/2024 10:45 AM	15:00	5.57 pH	19.94 °C	87.51 µS/cm	0.28 mg/L	2.16 NTU	197.6 mV	14.07 ft	200.00 ml/min
8/8/2024 10:50 AM	20:00	5.57 pH	19.94 °C	88.25 µS/cm	0.26 mg/L	2.30 NTU	193.8 mV	14.07 ft	200.00 ml/min
8/8/2024 10:55 AM	25:00	5.56 pH	19.94 °C	88.32 µS/cm	0.23 mg/L	1.33 NTU	192.1 mV	14.07 ft	200.00 ml/min

Samples

Sample ID:	Description:
SCH-GWC-14	

Low-Flow Test Report:

Test Date / Time: 8/6/2024 3:19:45 PM

Project: SCH-GWA-15

Operator Name: Jacob Stucky

Location Name: SCH-GWA-15 Latitude: 33.07857141833107 Longitude: -83.79873049453255 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 19.59 ft Total Depth: 29.59 ft Initial Depth to Water: 13.71 ft	Pump Type: Dedicated bladder Estimated Total Volume Pumped: 3750 ml Flow Cell Volume: 90 ml Final Flow Rate: 150 ml/min Final Draw Down: 0.4 ft	Instrument Used: Aqua TROLL 400 Serial Number: 989619
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
8/6/2024 3:19 PM	00:00	6.34 pH	30.07 °C	61.67 µS/cm	5.89 mg/L	2.92 NTU	110.3 mV	13.88 ft	150.00 ml/min
8/6/2024 3:24 PM	05:00	5.56 pH	19.80 °C	62.96 µS/cm	1.50 mg/L	2.63 NTU	87.6 mV	14.10 ft	150.00 ml/min
8/6/2024 3:29 PM	10:00	5.53 pH	19.18 °C	64.98 µS/cm	0.39 mg/L	1.74 NTU	91.4 mV	14.11 ft	150.00 ml/min
8/6/2024 3:34 PM	15:00	5.53 pH	19.09 °C	65.47 µS/cm	0.27 mg/L	0.83 NTU	68.2 mV	14.11 ft	150.00 ml/min
8/6/2024 3:39 PM	20:00	5.49 pH	19.04 °C	65.31 µS/cm	0.16 mg/L	0.58 NTU	61.9 mV	14.11 ft	150.00 ml/min
8/6/2024 3:44 PM	25:00	5.48 pH	18.91 °C	65.64 µS/cm	0.12 mg/L	0.55 NTU	58.5 mV	14.11 ft	150.00 ml/min

Samples

Sample ID:	Description:
SCH-GWA-15	

Low-Flow Test Report:

Test Date / Time: 8/6/2024 2:40:33 PM

Project: GP - Plant Scherer

Operator Name: Terrell Parker

Location Name: SCH-GWA-16 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 47.93 ft Total Depth: 57.93 ft Initial Depth to Water: 34.62 ft	Pump Type: Dedicated Bladder Tubing Type: LDPE Pump Intake From TOC: 49.58 ft Estimated Total Volume Pumped: 4000 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.19 ft	Instrument Used: Aqua TROLL 400 Serial Number: 1080307
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Test Notes:

Weather Conditions:

Overcast, 86 degrees F

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 1	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
8/6/2024 2:40 PM	00:00	6.34 pH	20.65 °C	137.58 µS/cm	6.27 mg/L	0.59 NTU	77.2 mV	34.62 ft	200.00 ml/min
8/6/2024 2:45 PM	05:00	6.37 pH	20.38 °C	136.57 µS/cm	5.91 mg/L	0.39 NTU	69.3 mV	34.81 ft	200.00 ml/min
8/6/2024 2:50 PM	10:00	6.36 pH	20.20 °C	136.60 µS/cm	5.73 mg/L	0.69 NTU	68.2 mV	34.81 ft	200.00 ml/min
8/6/2024 2:55 PM	15:00	6.34 pH	20.23 °C	138.82 µS/cm	5.74 mg/L	0.72 NTU	69.5 mV	34.81 ft	200.00 ml/min
8/6/2024 3:00 PM	20:00	6.35 pH	20.20 °C	136.34 µS/cm	5.71 mg/L	0.80 NTU	68.4 mV	34.81 ft	200.00 ml/min

Samples

Sample ID:	Description:
SCH-GWA-16	Groundwater

Low-Flow Test Report:

Test Date / Time: 8/6/2024 12:29:15 PM

Project: GP - Plant Scherer

Operator Name: Terrell Parker

Location Name: SCH-GWA-17 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 36.76 ft Total Depth: 46.76 ft Initial Depth to Water: 31.51 ft	Pump Type: Dedicated Bladder Tubing Type: LDPE Pump Intake From TOC: 41.76 ft Estimated Total Volume Pumped: 5000 ml Flow Cell Volume: 90 ml Final Flow Rate: 250 ml/min Final Draw Down: 0.27 ft	Instrument Used: Aqua TROLL 400 Serial Number: 1080307
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Test Notes:

Weather Conditions:

Cloudy, west breeze, 82 degrees F

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 1	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
8/6/2024 12:29 PM	00:00	6.24 pH	22.17 °C	91.38 µS/cm	7.58 mg/L	0.39 NTU	108.8 mV	31.51 ft	250.00 ml/min
8/6/2024 12:34 PM	05:00	6.22 pH	20.76 °C	98.52 µS/cm	7.90 mg/L	0.78 NTU	82.0 mV	31.78 ft	250.00 ml/min
8/6/2024 12:39 PM	10:00	6.20 pH	20.57 °C	101.44 µS/cm	7.84 mg/L	1.10 NTU	78.9 mV	31.78 ft	250.00 ml/min
8/6/2024 12:44 PM	15:00	6.20 pH	20.65 °C	103.54 µS/cm	7.60 mg/L	1.06 NTU	77.7 mV	31.78 ft	250.00 ml/min
8/6/2024 12:49 PM	20:00	6.21 pH	20.70 °C	103.74 µS/cm	7.58 mg/L	0.57 NTU	76.4 mV	31.78 ft	250.00 ml/min

Samples

Sample ID:	Description:
SCH-GWA-17	Groundwater

Low-Flow Test Report:

Test Date / Time: 8/6/2024 3:19:11 PM

Project: Low-Flow Test 142 (14)

Operator Name:

Location Name: SCH-GWC-18 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 61.25 ft Total Depth: 71.25 ft Initial Depth to Water: 35.16 ft	Estimated Total Volume Pumped: 4000 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.23 ft	Instrument Used: Aqua TROLL 400 Serial Number: 1080300
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 5	
8/6/2024 3:19 PM	00:00	6.31 pH	23.57 °C	128.32 µS/cm	6.19 mg/L	0.92 NTU	117.9 mV	35.45 ft	200.00 ml/min
8/6/2024 3:23 PM	04:00	6.30 pH	24.53 °C	127.77 µS/cm	6.11 mg/L	0.91 NTU	88.0 mV	35.41 ft	200.00 ml/min
8/6/2024 3:27 PM	08:00	6.30 pH	24.94 °C	128.20 µS/cm	6.05 mg/L	1.03 NTU	84.9 mV	35.35 ft	200.00 ml/min
8/6/2024 3:31 PM	12:00	6.29 pH	25.21 °C	126.45 µS/cm	5.97 mg/L	0.90 NTU	83.6 mV	35.39 ft	200.00 ml/min
8/6/2024 3:35 PM	16:00	6.30 pH	25.45 °C	125.97 µS/cm	5.91 mg/L	1.06 NTU	81.9 mV	35.39 ft	200.00 ml/min
8/6/2024 3:39 PM	20:00	6.30 pH	25.54 °C	125.90 µS/cm	5.89 mg/L	0.97 NTU	83.0 mV	35.39 ft	200.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 8/6/2024 2:24:43 PM

Project: Plant Scherer (15)

Operator Name: DCB

Location Name: SCH-GWC-19 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 52.75 ft Total Depth: 62.75 ft Initial Depth to Water: 38.58 ft	Pump Type: Bladder dedicated Tubing Type: LDPE Pump Intake From TOC: 54.51 m Estimated Total Volume Pumped: 5000 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.57 ft	Instrument Used: Aqua TROLL 400 Serial Number: 966105
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 5	+/- 5 %	+/- 10 %	+/- 5	+/- 10 %	+/- 0.3	
8/6/2024 2:24 PM	00:00	6.27 pH	23.49 °C	183.50 µS/cm	5.48 mg/L	2.42 NTU	128.9 mV	38.58 ft	250.00 ml/min
8/6/2024 2:28 PM	04:00	6.27 pH	23.24 °C	185.02 µS/cm	5.32 mg/L	1.12 NTU	96.9 mV	39.50 ft	200.00 ml/min
8/6/2024 2:32 PM	08:00	6.26 pH	25.23 °C	189.08 µS/cm	5.59 mg/L	0.63 NTU	89.1 mV	39.15 ft	200.00 ml/min
8/6/2024 2:36 PM	12:00	6.27 pH	25.37 °C	184.32 µS/cm	5.34 mg/L	0.89 NTU	85.1 mV	39.15 ft	200.00 ml/min
8/6/2024 2:40 PM	16:00	6.25 pH	22.77 °C	182.60 µS/cm	5.42 mg/L	1.44 NTU	83.7 mV	39.15 ft	200.00 ml/min
8/6/2024 2:44 PM	20:00	6.26 pH	23.63 °C	184.26 µS/cm	5.31 mg/L	0.99 NTU	81.5 mV	39.15 ft	200.00 ml/min
8/6/2024 2:48 PM	24:00	6.26 pH	23.93 °C	184.76 µS/cm	5.48 mg/L	1.06 NTU	81.2 mV	39.15 ft	200.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 8/6/2024 1:43:39 PM

Project: Low-Flow Test 142 (13)

Operator Name:

Location Name: SCH-GWC-20 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 62.7 ft Total Depth: 72.7 ft Initial Depth to Water: 45.66 ft	Estimated Total Volume Pumped: 3500 ml Flow Cell Volume: 90 ml Final Flow Rate: 175 ml/min Final Draw Down: 0.18 ft	Instrument Used: Aqua TROLL 400 Serial Number: 1080300
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 5	
8/6/2024 1:43 PM	00:00	6.42 pH	22.46 °C	167.60 µS/cm	5.36 mg/L	1.02 NTU	106.8 mV	45.84 ft	175.00 ml/min
8/6/2024 1:47 PM	04:00	6.41 pH	21.86 °C	170.06 µS/cm	5.41 mg/L	0.75 NTU	79.4 mV	45.84 ft	175.00 ml/min
8/6/2024 1:51 PM	08:00	6.40 pH	21.60 °C	169.50 µS/cm	5.38 mg/L	0.62 NTU	76.9 mV	45.84 ft	175.00 ml/min
8/6/2024 1:55 PM	12:00	6.41 pH	21.59 °C	168.95 µS/cm	5.34 mg/L	0.78 NTU	78.1 mV	45.84 ft	175.00 ml/min
8/6/2024 1:59 PM	16:00	6.41 pH	21.56 °C	169.76 µS/cm	5.33 mg/L	0.95 NTU	75.4 mV	45.84 ft	175.00 ml/min
8/6/2024 2:03 PM	20:00	6.41 pH	21.64 °C	170.04 µS/cm	5.32 mg/L	0.71 NTU	74.9 mV	45.84 ft	175.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 8/6/2024 2:21:37 PM

Project: SCS Plant Scherer (11)

Operator Name: Daniel Howard

Location Name: SCH-GWA-21 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 10.6 ft Total Depth: 20.6 ft Initial Depth to Water: 7.68 ft	Pump Type: Dedicated Bladder Tubing Type: HDPE Pump Intake From TOC: 15.6 ft Estimated Total Volume Pumped: 5000 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.29 ft	Instrument Used: Aqua TROLL 400 Serial Number: 1080306
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Test Notes:

Sample time 1446.

Weather Conditions:

Partly cloudy

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
8/6/2024 2:21 PM	00:00	5.74 pH	23.79 °C	99.32 µS/cm	2.73 mg/L	0.72 NTU	154.7 mV	7.68 ft	200.00 ml/min
8/6/2024 2:26 PM	05:00	5.74 pH	21.90 °C	98.61 µS/cm	3.05 mg/L	0.96 NTU	101.5 mV	7.96 ft	200.00 ml/min
8/6/2024 2:31 PM	10:00	5.76 pH	21.58 °C	98.41 µS/cm	3.02 mg/L	1.01 NTU	81.5 mV	7.96 ft	200.00 ml/min
8/6/2024 2:36 PM	15:00	5.74 pH	21.54 °C	97.83 µS/cm	2.92 mg/L	0.88 NTU	95.6 mV	7.96 ft	200.00 ml/min
8/6/2024 2:41 PM	20:00	5.76 pH	21.51 °C	97.24 µS/cm	2.80 mg/L	0.96 NTU	86.9 mV	7.96 ft	200.00 ml/min
8/6/2024 2:46 PM	25:00	5.76 pH	21.48 °C	97.72 µS/cm	2.80 mg/L	0.94 NTU	81.8 mV	7.97 ft	200.00 ml/min

Samples

Sample ID:	Description:
SCH-GWA-21	

Low-Flow Test Report:

Test Date / Time: 8/8/2024 9:55:09 AM

Project: Scherer SAGW02 2024 (13)

Operator Name: Mark Mann

Location Name: SCH-GWA-22 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 31.5 ft Total Depth: 41.5 ft Initial Depth to Water: 27.16 ft	Pump Type: Peristaltic Tubing Type: LDPE Pump Intake From TOC: 36 ft Estimated Total Volume Pumped: 7500 ml Flow Cell Volume: 90 ml Final Flow Rate: 150 ml/min Final Draw Down: 0.27 ft	Instrument Used: Aqua TROLL 400 Serial Number: 1080302
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Test Notes:

Weather Conditions:

Sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
8/8/2024 9:55 AM	00:00	5.88 pH	25.12 °C	75.59 µS/cm	3.61 mg/L	17.20 NTU	95.9 mV	27.16 ft	300.00 ml/min
8/8/2024 10:00 AM	05:00	5.87 pH	21.50 °C	78.92 µS/cm	3.44 mg/L	14.80 NTU	76.0 mV	27.62 ft	300.00 ml/min
8/8/2024 10:05 AM	10:00	5.86 pH	21.38 °C	80.90 µS/cm	3.44 mg/L	13.00 NTU	73.9 mV	27.70 ft	150.00 ml/min
8/8/2024 10:10 AM	15:00	5.87 pH	22.58 °C	73.88 µS/cm	3.47 mg/L	9.67 NTU	72.0 mV	27.45 ft	150.00 ml/min
8/8/2024 10:15 AM	20:00	5.89 pH	22.66 °C	84.28 µS/cm	3.43 mg/L	8.40 NTU	81.8 mV	27.44 ft	150.00 ml/min
8/8/2024 10:20 AM	25:00	5.89 pH	22.50 °C	83.63 µS/cm	3.43 mg/L	7.63 NTU	72.3 mV	27.43 ft	150.00 ml/min
8/8/2024 10:25 AM	30:00	5.91 pH	22.32 °C	84.67 µS/cm	3.35 mg/L	5.75 NTU	71.6 mV	27.44 ft	150.00 ml/min
8/8/2024 10:30 AM	35:00	5.92 pH	22.50 °C	85.75 µS/cm	3.34 mg/L	5.15 NTU	71.8 mV	27.43 ft	150.00 ml/min
8/8/2024 10:35 AM	40:00	5.93 pH	22.67 °C	86.35 µS/cm	3.48 mg/L	4.22 NTU	71.9 mV	27.43 ft	150.00 ml/min

Samples

Sample ID:	Description:
SCH-GWA-22	

Low-Flow Test Report:

Test Date / Time: 8/8/2024 1:46:17 PM

Project: SCS Plant Scherer (17)

Operator Name: Daniel Howard

Location Name: SCH-GWC-29 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 17 ft Total Depth: 27 ft Initial Depth to Water: 6.45 ft	Pump Type: Dedicated Bladder Tubing Type: HDPE Pump Intake From TOC: 22 ft Estimated Total Volume Pumped: 5000 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.15 ft	Instrument Used: Aqua TROLL 400 Serial Number: 1080306
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Test Notes:

Sample time 1411.

Weather Conditions:

Sunny, hot and humid

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
8/8/2024 1:46 PM	00:00	6.13 pH	25.92 °C	197.07 µS/cm	1.00 mg/L	0.55 NTU	241.5 mV	6.45 ft	200.00 ml/min
8/8/2024 1:51 PM	05:00	6.14 pH	23.11 °C	201.64 µS/cm	0.53 mg/L	0.71 NTU	379.0 mV	6.57 ft	200.00 ml/min
8/8/2024 1:56 PM	10:00	6.12 pH	22.74 °C	202.06 µS/cm	0.36 mg/L	0.56 NTU	508.5 mV	6.57 ft	200.00 ml/min
8/8/2024 2:01 PM	15:00	6.13 pH	22.57 °C	202.43 µS/cm	0.29 mg/L	0.69 NTU	516.3 mV	6.57 ft	200.00 ml/min
8/8/2024 2:06 PM	20:00	6.14 pH	22.81 °C	201.97 µS/cm	0.26 mg/L	0.45 NTU	416.6 mV	6.60 ft	200.00 ml/min
8/8/2024 2:11 PM	25:00	6.14 pH	22.68 °C	202.51 µS/cm	0.24 mg/L	0.59 NTU	417.2 mV	6.60 ft	200.00 ml/min

Samples

Sample ID:	Description:
SCH-GWC-29	

Low-Flow Test Report:

Test Date / Time: 8/8/2024 8:46:01 AM

Project: Low-Flow Test 142 (16)

Operator Name:

Location Name: SCH-GWA-45 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 26 ft Total Depth: 36 ft Initial Depth to Water: 19.12 ft	Estimated Total Volume Pumped: 6449.667 ml Flow Cell Volume: 90 ml Final Flow Rate: 220 ml/min Final Draw Down: 0.35 ft	Instrument Used: Aqua TROLL 400 Serial Number: 1080300
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 5	
8/8/2024 8:46 AM	00:00	5.96 pH	20.11 °C	442.68 µS/cm	1.85 mg/L	8.51 NTU	119.2 mV	19.97 ft	220.00 ml/min
8/8/2024 8:47 AM	01:19	5.95 pH	20.00 °C	448.61 µS/cm	1.58 mg/L	4.81 NTU	131.5 mV	20.00 ft	220.00 ml/min
8/8/2024 8:51 AM	05:19	5.91 pH	19.93 °C	444.46 µS/cm	1.01 mg/L	3.20 NTU	89.3 mV	20.03 ft	220.00 ml/min
8/8/2024 8:55 AM	09:19	5.91 pH	19.78 °C	442.67 µS/cm	0.74 mg/L	0.93 NTU	81.5 mV	20.12 ft	220.00 ml/min
8/8/2024 8:59 AM	13:19	5.90 pH	20.71 °C	450.77 µS/cm	1.01 mg/L	0.60 NTU	79.0 mV	19.68 ft	220.00 ml/min
8/8/2024 9:03 AM	17:19	5.90 pH	22.26 °C	447.41 µS/cm	0.95 mg/L	0.50 NTU	77.5 mV	19.52 ft	220.00 ml/min
8/8/2024 9:07 AM	21:19	5.90 pH	22.72 °C	445.20 µS/cm	0.98 mg/L	0.60 NTU	76.5 mV	19.47 ft	220.00 ml/min
8/8/2024 9:11 AM	25:19	5.90 pH	22.98 °C	443.92 µS/cm	0.95 mg/L	0.42 NTU	77.2 mV	19.47 ft	220.00 ml/min
8/8/2024 9:15 AM	29:19	5.90 pH	23.20 °C	442.71 µS/cm	0.95 mg/L	0.55 NTU	76.9 mV	19.47 ft	220.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 8/8/2024 10:11:00 AM

Project: SCS Plant Scherer

Operator Name: L. Duong

Location Name: SCH-GWA-46 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 37 ft Total Depth: 47 ft Initial Depth to Water: 33.68 ft	Pump Type: Dedicated Bladder Tubing Type: HDPE Pump Intake from TOC: 38.44 ft Estimated Total Volume Pumped: 5040 ml Flow Cell Volume: 90 ml Final Flow Rate: 180 ml/min Final Draw Down: 0.44 ft	Instrument Used: Aqua TROLL 400 Serial Number: 1080300
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 5	
8/8/2024 10:11 AM	00:00	5.84 pH	22.05 °C	78.65 µS/cm	4.02 mg/L	3.91 NTU	130.2 mV	34.08 ft	180.00 ml/min
8/8/2024 10:15 AM	04:00	5.75 pH	20.44 °C	79.39 µS/cm	2.39 mg/L	0.82 NTU	95.2 mV	34.13 ft	180.00 ml/min
8/8/2024 10:19 AM	08:00	5.75 pH	20.21 °C	79.86 µS/cm	2.05 mg/L	0.57 NTU	83.5 mV	34.13 ft	180.00 ml/min
8/8/2024 10:23 AM	12:00	5.75 pH	20.23 °C	80.30 µS/cm	1.92 mg/L	0.46 NTU	85.8 mV	34.13 ft	180.00 ml/min
8/8/2024 10:27 AM	16:00	5.76 pH	20.06 °C	80.52 µS/cm	1.85 mg/L	0.36 NTU	81.4 mV	34.13 ft	180.00 ml/min
8/8/2024 10:31 AM	20:00	5.76 pH	20.01 °C	81.30 µS/cm	1.82 mg/L	0.33 NTU	84.3 mV	34.13 ft	180.00 ml/min
8/8/2024 10:35 AM	24:00	5.77 pH	20.15 °C	81.72 µS/cm	1.80 mg/L	0.42 NTU	83.4 mV	34.12 ft	180.00 ml/min
8/8/2024 10:39 AM	28:00	5.77 pH	20.00 °C	81.49 µS/cm	1.77 mg/L	0.34 NTU	83.5 mV	34.12 ft	180.00 ml/min

Samples

Sample ID: SCH-GWA-46 SCH-PAC-EB-8	Description:
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Low-Flow Test Report:

Test Date / Time: 8/8/2024 11:01:07 AM

Project: SCS Plant Scherer

Operator Name: L. Duong

Location Name: SCH-GWA-47 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 46.55 ft Total Depth: 56.55 ft Initial Depth to Water: 40.67 ft	Pump Type: Dedicated Bladder Tubing Type: HDPE Estimated Total Volume Pumped: 3846 ml Flow Cell Volume: 90 ml Final Flow Rate: 120 ml/min Final Draw Down: 0.54 ft	Instrument Used: Aqua TROLL 400 Serial Number: 1080300
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 5	
8/8/2024 11:01 AM	00:00	6.50 pH	26.08 °C	147.50 µS/cm	7.17 mg/L	0.44 NTU	116.7 mV	40.97 ft	120.00 ml/min
8/8/2024 11:05 AM	04:00	6.39 pH	24.45 °C	147.57 µS/cm	6.58 mg/L	0.36 NTU	91.4 mV	41.13 ft	120.00 ml/min
8/8/2024 11:09 AM	08:00	6.36 pH	23.47 °C	149.01 µS/cm	6.42 mg/L	0.39 NTU	87.8 mV	41.13 ft	120.00 ml/min
8/8/2024 11:13 AM	12:00	6.36 pH	23.56 °C	149.46 µS/cm	6.08 mg/L	0.36 NTU	86.6 mV	41.19 ft	120.00 ml/min
8/8/2024 11:17 AM	16:00	6.35 pH	23.56 °C	149.75 µS/cm	5.92 mg/L	0.39 NTU	83.6 mV	41.21 ft	120.00 ml/min
8/8/2024 11:21 AM	20:00	6.35 pH	23.68 °C	149.83 µS/cm	5.85 mg/L	0.36 NTU	86.2 mV	41.21 ft	120.00 ml/min
8/8/2024 11:25 AM	24:03	6.35 pH	24.08 °C	144.28 µS/cm	5.86 mg/L	0.33 NTU	89.3 mV	41.21 ft	120.00 ml/min
8/8/2024 11:29 AM	28:03	6.35 pH	24.87 °C	151.02 µS/cm	5.84 mg/L	0.41 NTU	86.4 mV	41.21 ft	120.00 ml/min
8/8/2024 11:33 AM	32:03	6.34 pH	25.05 °C	151.13 µS/cm	5.84 mg/L	0.40 NTU	87.1 mV	41.21 ft	120.00 ml/min

Samples

Sample ID: SCH-GWA-47	Description:
SCH-PAC-EB-7	

Low-Flow Test Report:

Test Date / Time: 8/8/2024 12:08:31 PM

Project: SCS Plant Scherer

Operator Name: L. Duong

Location Name: SCH-GWA-48 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 63.92 ft Total Depth: 73.92 ft Initial Depth to Water: 38.99 ft	Pump Type: Dedicated Bladder Tubing Type: HDPE Pump Intake From TOC: 68.92 ft Estimated Total Volume Pumped: 13073.333 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.92 ft	Instrument Used: Aqua TROLL 400 Serial Number: 1080300
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 5	
8/8/2024 12:08 PM	00:00	6.57 pH	29.62 °C	121.67 µS/cm	6.09 mg/L	0.44 NTU	108.1 mV	39.52 ft	200.00 ml/min
8/8/2024 12:12 PM	04:00	6.66 pH	24.73 °C	129.58 µS/cm	5.30 mg/L	1.06 NTU	78.3 mV	39.94 ft	200.00 ml/min
8/8/2024 12:16 PM	08:00	6.68 pH	23.56 °C	131.15 µS/cm	5.18 mg/L	1.09 NTU	77.3 mV	40.07 ft	200.00 ml/min
8/8/2024 12:20 PM	12:00	6.71 pH	23.48 °C	130.40 µS/cm	5.10 mg/L	0.96 NTU	74.6 mV	40.09 ft	200.00 ml/min
8/8/2024 12:24 PM	16:00	6.70 pH	21.63 °C	130.06 µS/cm	5.08 mg/L	1.28 NTU	73.3 mV	39.89 ft	200.00 ml/min
8/8/2024 12:28 PM	20:00	6.71 pH	21.38 °C	129.54 µS/cm	5.09 mg/L	1.79 NTU	73.8 mV	41.03 ft	200.00 ml/min
8/8/2024 12:32 PM	24:00	6.71 pH	21.29 °C	130.16 µS/cm	5.06 mg/L	2.24 NTU	74.3 mV	41.03 ft	200.00 ml/min
8/8/2024 12:41 PM	33:22	6.72 pH	21.90 °C	127.92 µS/cm	4.98 mg/L	2.55 NTU	55.2 mV	39.92 ft	200.00 ml/min
8/8/2024 12:45 PM	37:22	6.70 pH	22.65 °C	132.66 µS/cm	5.35 mg/L	2.65 NTU	73.0 mV	39.91 ft	200.00 ml/min
8/8/2024 12:49 PM	41:22	6.71 pH	21.96 °C	127.22 µS/cm	4.95 mg/L	2.39 NTU	76.7 mV	39.91 ft	200.00 ml/min
8/8/2024 12:53 PM	45:22	6.72 pH	20.97 °C	129.18 µS/cm	5.13 mg/L	2.06 NTU	74.4 mV	39.91 ft	200.00 ml/min
8/8/2024 12:57 PM	49:22	6.71 pH	21.38 °C	132.88 µS/cm	5.36 mg/L	2.12 NTU	74.9 mV	39.91 ft	200.00 ml/min
8/8/2024 1:01 PM	53:22	6.71 pH	20.43 °C	128.78 µS/cm	5.12 mg/L	1.42 NTU	74.9 mV	39.91 ft	200.00 ml/min
8/8/2024 1:05 PM	57:22	6.71 pH	20.34 °C	129.41 µS/cm	5.13 mg/L	1.17 NTU	74.9 mV	39.91 ft	200.00 ml/min
8/8/2024 1:09 PM	01:01:22	6.72 pH	20.44 °C	129.29 µS/cm	5.15 mg/L	1.43 NTU	72.4 mV	39.91 ft	200.00 ml/min
8/8/2024 1:13 PM	01:05:22	6.72 pH	20.69 °C	128.85 µS/cm	5.13 mg/L	1.48 NTU	74.3 mV	39.91 ft	200.00 ml/min

Samples

Sample ID: SCH-SGWA-48

Description:

Low-Flow Test Report:

Test Date / Time: 8/9/2024 9:01:31 AM

Project: SCS Plant Scherer

Operator Name: L. Duong

Location Name: SCH-GWA-49 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 31 ft Total Depth: 41 ft Initial Depth to Water: 14.34 ft	Pump Type: Dedicated Bladder Tubing Type: HDPE Pump Intake From TOC: 36 ft Estimated Total Volume Pumped: 5160 ml Flow Cell Volume: 90 ml Final Flow Rate: 215 ml/min Final Draw Down: 0.78 ft	Instrument Used: Aqua TROLL 400 Serial Number: 1080300
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 5	
8/9/2024 9:01 AM	00:00	6.79 pH	23.77 °C	144.67 µS/cm	6.36 mg/L	5.20 NTU	139.3 mV	14.88 ft	215.00 ml/min
8/9/2024 9:05 AM	04:00	6.81 pH	20.06 °C	151.45 µS/cm	6.72 mg/L	2.91 NTU	94.2 mV	15.14 ft	215.00 ml/min
8/9/2024 9:09 AM	08:00	6.82 pH	19.60 °C	152.29 µS/cm	6.67 mg/L	1.93 NTU	89.5 mV	15.12 ft	215.00 ml/min
8/9/2024 9:13 AM	12:00	6.82 pH	19.53 °C	152.78 µS/cm	6.68 mg/L	1.27 NTU	88.5 mV	15.12 ft	215.00 ml/min
8/9/2024 9:17 AM	16:00	6.82 pH	19.60 °C	153.28 µS/cm	6.68 mg/L	0.99 NTU	88.2 mV	15.12 ft	215.00 ml/min
8/9/2024 9:21 AM	20:00	6.82 pH	19.54 °C	152.95 µS/cm	6.63 mg/L	0.96 NTU	87.9 mV	15.12 ft	215.00 ml/min
8/9/2024 9:25 AM	24:00	6.82 pH	19.50 °C	152.69 µS/cm	6.63 mg/L	0.97 NTU	87.3 mV	15.12 ft	215.00 ml/min

Samples

Sample ID: SCH-GWA-49	Description:
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Low-Flow Test Report:

Test Date / Time: 8/8/2024 12:00:05 PM

Project: SCS Plant Scherer (16)

Operator Name: Daniel Howard

Location Name: SCH-GWC-50 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 26.3 ft Total Depth: 36.3 ft Initial Depth to Water: 10.07 ft	Pump Type: Dedicated Bladder Tubing Type: HDPE Pump Intake From TOC: 31.3 ft Estimated Total Volume Pumped: 4500 ml Flow Cell Volume: 90 ml Final Flow Rate: 150 ml/min Final Draw Down: 0.31 ft	Instrument Used: Aqua TROLL 400 Serial Number: 1080306
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Test Notes:

Sample time 1230.

Weather Conditions:

Hot and humid

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
8/8/2024 12:00 PM	00:00	5.72 pH	23.28 °C	90.87 µS/cm	1.04 mg/L	0.84 NTU	424.6 mV	10.07 ft	150.00 ml/min
8/8/2024 12:05 PM	05:00	5.74 pH	22.07 °C	92.89 µS/cm	1.02 mg/L	1.07 NTU	458.8 mV	10.38 ft	150.00 ml/min
8/8/2024 12:10 PM	10:00	5.74 pH	21.86 °C	93.41 µS/cm	1.13 mg/L	1.48 NTU	466.0 mV	10.38 ft	150.00 ml/min
8/8/2024 12:15 PM	15:00	5.74 pH	21.82 °C	93.13 µS/cm	0.92 mg/L	1.44 NTU	471.5 mV	10.38 ft	150.00 ml/min
8/8/2024 12:20 PM	20:00	5.73 pH	21.82 °C	93.92 µS/cm	0.67 mg/L	1.52 NTU	479.9 mV	10.38 ft	150.00 ml/min
8/8/2024 12:25 PM	25:00	5.73 pH	21.94 °C	94.62 µS/cm	0.55 mg/L	1.98 NTU	570.3 mV	10.38 ft	150.00 ml/min
8/8/2024 12:30 PM	30:00	5.74 pH	22.16 °C	94.29 µS/cm	0.55 mg/L	1.99 NTU	478.4 mV	10.38 ft	150.00 ml/min

Samples

Sample ID:	Description:
SCH-GWC-50	

Low-Flow Test Report:

Test Date / Time: 8/8/2024 11:18:51 AM

Project: Scherer SAGW02 2024 (14)

Operator Name: Mark Mann

Location Name: SCH-GWC-51 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 16.8 ft Total Depth: 26.8 ft Initial Depth to Water: 9.47 ft	Pump Type: Peristaltic Tubing Type: LDPE Pump Intake From TOC: 21 ft Estimated Total Volume Pumped: 5250 ml Flow Cell Volume: 90 ml Final Flow Rate: 250 ml/min Final Draw Down: 0.32 ft	Instrument Used: Aqua TROLL 400 Serial Number: 1080302
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Test Notes:

Weather Conditions:

Sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
8/8/2024 11:18 AM	00:00	5.94 pH	29.46 °C	94.66 µS/cm	0.62 mg/L	7.58 NTU	211.1 mV	9.47 ft	300.00 ml/min
8/8/2024 11:23 AM	05:00	5.97 pH	21.19 °C	105.26 µS/cm	0.20 mg/L	4.91 NTU	467.1 mV	9.84 ft	250.00 ml/min
8/8/2024 11:28 AM	10:00	5.93 pH	21.01 °C	103.90 µS/cm	0.18 mg/L	2.12 NTU	497.2 mV	9.81 ft	250.00 ml/min
8/8/2024 11:33 AM	15:00	5.92 pH	20.88 °C	103.89 µS/cm	0.17 mg/L	1.16 NTU	508.4 mV	9.81 ft	250.00 ml/min
8/8/2024 11:38 AM	20:00	5.91 pH	20.84 °C	103.88 µS/cm	0.16 mg/L	1.20 NTU	512.9 mV	9.79 ft	250.00 ml/min

Samples

Sample ID:	Description:
SCH-GWC-51	
SCH-PAC-FD-7	

Low-Flow Test Report:

Test Date / Time: 8/8/2024 3:20:19 PM

Project: SCS Plant Scherer (18)

Operator Name: Daniel Howard

Location Name: SCH-GWC-52 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 22.8 ft Total Depth: 32.8 ft Initial Depth to Water: 9.62 ft	Pump Type: Dedicated Bladder Tubing Type: HDPE Pump Intake From TOC: 27.8 ft Estimated Total Volume Pumped: 5000 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.21 ft	Instrument Used: Aqua TROLL 400 Serial Number: 1080306
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Test Notes:

Sample time 1545.

Weather Conditions:

Sunny, hot and humid

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
8/8/2024 3:20 PM	00:00	6.53 pH	23.09 °C	322.79 µS/cm	0.62 mg/L	0.45 NTU	455.1 mV	9.62 ft	200.00 ml/min
8/8/2024 3:25 PM	05:00	6.54 pH	21.45 °C	325.57 µS/cm	0.33 mg/L	0.82 NTU	552.2 mV	9.83 ft	200.00 ml/min
8/8/2024 3:30 PM	10:00	6.54 pH	21.31 °C	325.45 µS/cm	0.32 mg/L	0.50 NTU	554.3 mV	9.83 ft	200.00 ml/min
8/8/2024 3:35 PM	15:00	6.56 pH	21.18 °C	324.48 µS/cm	0.24 mg/L	0.84 NTU	457.8 mV	9.83 ft	200.00 ml/min
8/8/2024 3:40 PM	20:00	6.56 pH	21.14 °C	324.82 µS/cm	0.25 mg/L	0.87 NTU	454.6 mV	9.83 ft	200.00 ml/min
8/8/2024 3:45 PM	25:00	6.54 pH	21.06 °C	324.77 µS/cm	0.24 mg/L	0.80 NTU	454.5 mV	9.83 ft	200.00 ml/min

Samples

Sample ID:	Description:
SCH-GWC-52	

Low-Flow Test Report:

Test Date / Time: 8/8/2024 4:40:49 PM

Project: SCS Plant Scherer (19)

Operator Name: Daniel Howard

Location Name: SCH-GWC-53 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 22.8 ft Total Depth: 32.8 ft Initial Depth to Water: 12.35 ft	Pump Type: Dedicated Bladder Tubing Type: HDPE Pump Intake From TOC: 24.19 ft Estimated Total Volume Pumped: 3750 ml Flow Cell Volume: 90 ml Final Flow Rate: 150 ml/min Final Draw Down: 0.25 ft	Instrument Used: Aqua TROLL 400 Serial Number: 1080306
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Test Notes:

Sample time 1705. Also collected FIELD DUP SCH-PAC-FD-8.

Weather Conditions:

Sunny, hot and humid

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
8/8/2024 4:40 PM	00:00	5.66 pH	24.91 °C	475.59 µS/cm	1.06 mg/L	0.53 NTU	291.7 mV	12.35 ft	150.00 ml/min
8/8/2024 4:45 PM	05:00	5.60 pH	21.56 °C	493.67 µS/cm	0.67 mg/L	0.43 NTU	268.5 mV	12.60 ft	150.00 ml/min
8/8/2024 4:50 PM	10:00	5.61 pH	21.20 °C	495.27 µS/cm	0.74 mg/L	0.79 NTU	214.1 mV	12.60 ft	150.00 ml/min
8/8/2024 4:55 PM	15:00	5.61 pH	21.07 °C	494.78 µS/cm	0.70 mg/L	0.72 NTU	205.7 mV	12.60 ft	150.00 ml/min
8/8/2024 5:00 PM	20:00	5.60 pH	21.00 °C	494.00 µS/cm	0.69 mg/L	0.60 NTU	200.9 mV	12.60 ft	150.00 ml/min
8/8/2024 5:05 PM	25:00	5.58 pH	21.10 °C	492.37 µS/cm	0.45 mg/L	0.54 NTU	192.0 mV	12.60 ft	150.00 ml/min

Samples

Sample ID:	Description:
SCH-GWC-53	

Low-Flow Test Report:

Test Date / Time: 8/7/2024 8:42:34 AM

Project: GP - Plant Scherer

Operator Name: Terrell Parker

Location Name: SCH-GWC-30 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 10.3 ft Total Depth: 20.3 ft Initial Depth to Water: 7.89 ft	Pump Type: Dedicated Bladder Tubing Type: LDPE Pump Intake From TOC: 49.58155 ft Estimated Total Volume Pumped: 4750 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.12 ft	Instrument Used: Aqua TROLL 400 Serial Number: 1080307
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Test Notes:

Weather Conditions:

Clear, Sunny, 77 degrees F

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 1	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
8/7/2024 8:42 AM	00:00	6.28 pH	21.45 °C	227.96 µS/cm	3.27 mg/L	5.28 NTU	171.0 mV	7.89 ft	150.00 ml/min
8/7/2024 8:47 AM	05:00	6.29 pH	20.75 °C	227.92 µS/cm	2.92 mg/L	5.35 NTU	184.3 mV	7.96 ft	200.00 ml/min
8/7/2024 8:52 AM	10:00	6.33 pH	20.29 °C	219.97 µS/cm	2.68 mg/L	6.29 NTU	125.7 mV	8.00 ft	200.00 ml/min
8/7/2024 8:57 AM	15:00	6.32 pH	20.07 °C	222.59 µS/cm	2.69 mg/L	6.09 NTU	123.3 mV	8.01 ft	200.00 ml/min
8/7/2024 9:02 AM	20:00	6.32 pH	20.13 °C	222.03 µS/cm	2.70 mg/L	4.65 NTU	121.6 mV	8.01 ft	200.00 ml/min
8/7/2024 9:07 AM	25:00	6.31 pH	20.16 °C	222.38 µS/cm	2.69 mg/L	3.48 NTU	120.3 mV	8.01 ft	200.00 ml/min

Samples

Sample ID:	Description:
SCH-GWC-30	Groundwater

Low-Flow Test Report:

Test Date / Time: 8/7/2024 11:02:30 AM

Project: GP - Plant Scherer

Operator Name: Terrell Parker

Location Name: SCH-GWC-31 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 12.4 ft Total Depth: 22.4 ft Initial Depth to Water: 7.95 ft	Pump Type: Dedicated Bladder Tubing Type: LDPE Pump Intake From TOC: 17.4 ft Estimated Total Volume Pumped: 5125 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.6 ft	Instrument Used: Aqua TROLL 400 Serial Number: 1080307
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Test Notes:

Weather Conditions:

Clear, Sunny, 84 degrees F

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 1	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
8/7/2024 11:02 AM	00:00	6.68 pH	22.73 °C	180.09 µS/cm	1.77 mg/L	1.45 NTU	159.9 mV	7.95 ft	225.00 ml/min
8/7/2024 11:07 AM	05:00	6.69 pH	20.74 °C	188.52 µS/cm	1.86 mg/L	1.42 NTU	135.2 mV	7.95 ft	200.00 ml/min
8/7/2024 11:12 AM	10:00	6.70 pH	20.71 °C	188.33 µS/cm	1.68 mg/L	1.40 NTU	90.3 mV	8.54 ft	200.00 ml/min
8/7/2024 11:17 AM	15:00	6.70 pH	20.72 °C	188.91 µS/cm	1.63 mg/L	1.08 NTU	85.4 mV	8.55 ft	200.00 ml/min
8/7/2024 11:22 AM	20:00	6.70 pH	20.69 °C	188.69 µS/cm	1.60 mg/L	0.82 NTU	83.0 mV	8.55 ft	200.00 ml/min
8/7/2024 11:27 AM	25:00	6.70 pH	20.70 °C	192.47 µS/cm	1.54 mg/L	0.91 NTU	81.7 mV	8.55 ft	200.00 ml/min

Samples

Sample ID:	Description:
SCH-GWC-31	Groundwater

Low-Flow Test Report:

Test Date / Time: 8/7/2024 2:38:25 PM

Project: GP - Plant Scherer

Operator Name: Terrell Parker

Location Name: SCH-GWC-32 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 27 ft Total Depth: 37 ft Initial Depth to Water: 24.68 ft	Pump Type: Peristaltic Tubing Type: LDPE Pump Intake From TOC: 17.4 ft Estimated Total Volume Pumped: 3500 ml Flow Cell Volume: 90 ml Final Flow Rate: 50 ml/min Final Draw Down: 1.27 ft	Instrument Used: Aqua TROLL 400 Serial Number: 1080307
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Test Notes:

Weather Conditions:

Clear, Sunny, 92 degrees F

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 1	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
8/7/2024 2:38 PM	00:00	6.21 pH	26.44 °C	163.15 µS/cm	1.95 mg/L	1.11 NTU	105.0 mV	24.68 ft	100.00 ml/min
8/7/2024 2:43 PM	05:00	6.20 pH	27.24 °C	162.01 µS/cm	1.82 mg/L	0.59 NTU	93.5 mV	25.76 ft	50.00 ml/min
8/7/2024 2:48 PM	10:00	6.21 pH	26.79 °C	161.60 µS/cm	1.62 mg/L	0.88 NTU	87.6 mV	25.70 ft	50.00 ml/min
8/7/2024 2:53 PM	15:00	6.20 pH	27.46 °C	164.17 µS/cm	1.49 mg/L	0.71 NTU	84.9 mV	25.83 ft	50.00 ml/min
8/7/2024 2:58 PM	20:00	6.20 pH	28.11 °C	161.87 µS/cm	1.35 mg/L	0.76 NTU	82.6 mV	25.90 ft	50.00 ml/min
8/7/2024 3:03 PM	25:00	6.20 pH	27.56 °C	162.12 µS/cm	1.36 mg/L	0.92 NTU	80.2 mV	25.91 ft	50.00 ml/min
8/7/2024 3:08 PM	30:00	6.21 pH	27.48 °C	160.50 µS/cm	1.34 mg/L	0.96 NTU	77.9 mV	25.93 ft	50.00 ml/min
8/7/2024 3:13 PM	35:00	6.21 pH	27.35 °C	162.68 µS/cm	1.38 mg/L	1.06 NTU	75.4 mV	25.95 ft	50.00 ml/min
8/7/2024 3:18 PM	40:00	6.21 pH	27.90 °C	162.40 µS/cm	1.51 mg/L	1.08 NTU	73.7 mV	25.95 ft	50.00 ml/min
8/7/2024 3:23 PM	45:00	6.21 pH	28.07 °C	163.63 µS/cm	1.67 mg/L	0.87 NTU	75.0 mV	25.95 ft	50.00 ml/min
8/7/2024 3:28 PM	50:00	6.21 pH	27.99 °C	162.68 µS/cm	1.80 mg/L	0.74 NTU	75.4 mV	25.95 ft	50.00 ml/min
8/7/2024 3:33 PM	55:00	6.22 pH	27.93 °C	160.60 µS/cm	1.89 mg/L	0.72 NTU	75.9 mV	25.95 ft	50.00 ml/min
8/7/2024 3:38 PM	01:00:00	6.21 pH	27.52 °C	162.02 µS/cm	1.98 mg/L	0.67 NTU	74.8 mV	25.95 ft	50.00 ml/min

Samples

Sample ID:	Description:
SCH-GWC-32	Groundwater

Low-Flow Test Report:

Test Date / Time: 8/8/2024 8:21:55 AM

Project: GP - Plant Scherer

Operator Name: Terrell Parker

Location Name: SCH-GWC-33A Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 16.73 ft Total Depth: 26.73 ft Initial Depth to Water: 10.21 ft	Pump Type: Peristaltic Tubing Type: LDPE Pump Intake From TOC: 21.7 ft Estimated Total Volume Pumped: 5000 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.18 ft	Instrument Used: Aqua TROLL 400 Serial Number: 1080307
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Test Notes:

Weather Conditions:

Clear, Sunny, 76 degrees F

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 1	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
8/8/2024 8:21 AM	00:00	6.36 pH	20.88 °C	141.41 µS/cm	6.52 mg/L	3.70 NTU	197.9 mV	10.21 ft	200.00 ml/min
8/8/2024 8:26 AM	05:00	6.36 pH	19.98 °C	144.87 µS/cm	6.52 mg/L	2.97 NTU	240.0 mV	10.38 ft	200.00 ml/min
8/8/2024 8:31 AM	10:00	6.34 pH	19.85 °C	145.12 µS/cm	6.45 mg/L	4.11 NTU	230.6 mV	10.39 ft	200.00 ml/min
8/8/2024 8:36 AM	15:00	6.35 pH	19.81 °C	144.99 µS/cm	6.38 mg/L	4.04 NTU	227.0 mV	10.39 ft	200.00 ml/min
8/8/2024 8:41 AM	20:00	6.34 pH	19.83 °C	143.41 µS/cm	5.92 mg/L	3.20 NTU	158.6 mV	10.39 ft	200.00 ml/min
8/8/2024 8:46 AM	25:00	6.35 pH	19.74 °C	143.23 µS/cm	5.89 mg/L	1.54 NTU	221.0 mV	10.39 ft	200.00 ml/min

Samples

Sample ID:	Description:
SCH-GWC-33A	Groundwater

Low-Flow Test Report:

Test Date / Time: 8/8/2024 10:40:55 AM

Project: GP - Plant Scherer

Operator Name: Terrell Parker

Location Name: SCH-GWC-34 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 12.3 ft Total Depth: 22.3 ft Initial Depth to Water: 7.9 ft	Pump Type: Peristaltic Tubing Type: LDPE Pump Intake From TOC: 17.3 ft Estimated Total Volume Pumped: 4000 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.39 ft	Instrument Used: Aqua TROLL 400 Serial Number: 1080307
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Test Notes:

Weather Conditions:

Clear, Sunny, light breeze, 84 degrees F

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 1	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
8/8/2024 10:40 AM	00:00	6.25 pH	24.91 °C	122.69 µS/cm	4.11 mg/L	3.19 NTU	197.0 mV	7.90 ft	200.00 ml/min
8/8/2024 10:45 AM	05:00	6.25 pH	21.37 °C	129.66 µS/cm	4.27 mg/L	0.75 NTU	151.4 mV	8.27 ft	200.00 ml/min
8/8/2024 10:50 AM	10:00	6.27 pH	21.00 °C	130.72 µS/cm	4.30 mg/L	0.46 NTU	147.3 mV	8.29 ft	200.00 ml/min
8/8/2024 10:55 AM	15:00	6.28 pH	21.00 °C	130.52 µS/cm	4.30 mg/L	0.58 NTU	145.2 mV	8.29 ft	200.00 ml/min
8/8/2024 11:00 AM	20:00	6.28 pH	20.91 °C	130.02 µS/cm	4.29 mg/L	0.54 NTU	143.5 mV	8.29 ft	200.00 ml/min

Samples

Sample ID:	Description:
SCH-GWC-34	

Low-Flow Test Report:

Test Date / Time: 8/8/2024 12:15:34 PM

Project: GP - Plant Scherer

Operator Name: Terrell Parker

Location Name: SCH-GWC-35 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 12.7 ft Total Depth: 22.7 ft Initial Depth to Water: 6.06 ft	Pump Type: Peristaltic Tubing Type: LDPE Pump Intake From TOC: 17.7 ft Estimated Total Volume Pumped: 5000 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.11 ft	Instrument Used: Aqua TROLL 400 Serial Number: 1080307
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Test Notes:

Weather Conditions:

Clear, Sunny, light breeze, 89 degrees F

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 1	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
8/8/2024 12:15 PM	00:00	6.48 pH	26.54 °C	402.64 µS/cm	0.47 mg/L	1.87 NTU	110.8 mV	6.06 ft	200.00 ml/min
8/8/2024 12:20 PM	05:00	6.48 pH	24.34 °C	412.14 µS/cm	0.28 mg/L	2.02 NTU	114.9 mV	6.16 ft	200.00 ml/min
8/8/2024 12:25 PM	10:00	6.48 pH	24.21 °C	411.07 µS/cm	0.23 mg/L	2.18 NTU	80.8 mV	6.17 ft	200.00 ml/min
8/8/2024 12:30 PM	15:00	6.48 pH	23.92 °C	411.31 µS/cm	0.21 mg/L	1.93 NTU	74.7 mV	6.17 ft	200.00 ml/min
8/8/2024 12:35 PM	20:00	6.47 pH	23.96 °C	405.80 µS/cm	0.19 mg/L	2.25 NTU	71.4 mV	6.17 ft	200.00 ml/min
8/8/2024 12:40 PM	25:00	6.46 pH	24.04 °C	403.85 µS/cm	0.21 mg/L	2.16 NTU	69.0 mV	6.17 ft	200.00 ml/min

Samples

Sample ID:	Description:
SCH-GWC-35	Groundwater

Low-Flow Test Report:

Test Date / Time: 8/8/2024 2:09:05 PM

Project: GP - Plant Scherer

Operator Name: Terrell Parker

Location Name: SCH-GWC-36 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 37.9 ft Total Depth: 47.9 ft Initial Depth to Water: 32.99 ft	Pump Type: Portable QED bladder Tubing Type: LDPE Pump Intake From TOC: 43 ft Estimated Total Volume Pumped: 15000 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0 ft	Instrument Used: Aqua TROLL 400 Serial Number: 1080307
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Test Notes:

Weather Conditions:

Clear, Sunny, light breeze, 93 degrees F

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 1	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
8/8/2024 2:09 PM	00:00	6.03 pH	23.02 °C	152.23 µS/cm	5.09 mg/L	47.70 NTU	158.1 mV	32.99 ft	200.00 ml/min
8/8/2024 2:14 PM	05:00	6.12 pH	21.90 °C	154.71 µS/cm	6.12 mg/L	37.70 NTU	135.3 mV	32.99 ft	200.00 ml/min
8/8/2024 2:19 PM	10:00	6.20 pH	21.81 °C	152.60 µS/cm	6.73 mg/L	40.30 NTU	132.8 mV	32.99 ft	200.00 ml/min
8/8/2024 2:24 PM	15:00	6.21 pH	21.19 °C	151.42 µS/cm	7.04 mg/L	32.70 NTU	185.2 mV	32.99 ft	200.00 ml/min
8/8/2024 2:29 PM	20:00	6.21 pH	21.27 °C	150.78 µS/cm	7.15 mg/L	20.10 NTU	184.0 mV	32.99 ft	200.00 ml/min
8/8/2024 2:34 PM	25:00	6.22 pH	21.35 °C	148.89 µS/cm	7.14 mg/L	17.30 NTU	129.2 mV	32.99 ft	200.00 ml/min
8/8/2024 2:39 PM	30:00	6.22 pH	21.75 °C	147.70 µS/cm	7.12 mg/L	13.40 NTU	128.2 mV	32.99 ft	200.00 ml/min
8/8/2024 2:44 PM	35:00	6.23 pH	21.75 °C	148.99 µS/cm	7.16 mg/L	11.80 NTU	127.5 mV	32.99 ft	200.00 ml/min
8/8/2024 2:49 PM	40:00	6.23 pH	21.84 °C	147.18 µS/cm	7.11 mg/L	9.49 NTU	127.2 mV	32.99 ft	200.00 ml/min
8/8/2024 2:54 PM	45:00	6.23 pH	21.44 °C	149.19 µS/cm	7.25 mg/L	7.85 NTU	178.2 mV	32.99 ft	200.00 ml/min
8/8/2024 2:59 PM	50:00	6.22 pH	21.46 °C	148.43 µS/cm	7.20 mg/L	9.17 NTU	179.0 mV	32.99 ft	200.00 ml/min
8/8/2024 3:04 PM	55:00	6.21 pH	21.85 °C	148.12 µS/cm	7.12 mg/L	7.13 NTU	126.4 mV	32.99 ft	200.00 ml/min
8/8/2024 3:09 PM	01:00:00	6.22 pH	21.81 °C	146.97 µS/cm	7.12 mg/L	5.25 NTU	125.9 mV	32.99 ft	200.00 ml/min

8/8/2024 3:14 PM	01:05:00	6.21 pH	22.00 °C	144.54 µS/cm	7.08 mg/L	4.96 NTU	125.7 mV	32.99 ft	200.00 ml/min
8/8/2024 3:19 PM	01:10:00	6.19 pH	22.06 °C	147.49 µS/cm	7.05 mg/L	4.42 NTU	125.8 mV	32.99 ft	200.00 ml/min
8/8/2024 3:24 PM	01:15:00	6.18 pH	21.81 °C	146.82 µS/cm	7.01 mg/L	4.38 NTU	125.5 mV	32.99 ft	200.00 ml/min

Samples

Sample ID:	Description:
SCH-GWC-36	Groundwater

Low-Flow Test Report:

Test Date / Time: 8/8/2024 11:08:25 AM

Project: SCH-GWC-37

Operator Name: Jake Stucky

Location Name: SCH-GWC-37 Latitude: 33.07093106213311 Longitude: -83.79760136835631 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 35.81 ft Total Depth: 45.81 ft Initial Depth to Water: 25.51 ft	Pump Type: Peristaltic Estimated Total Volume Pumped: 4500 ml Flow Cell Volume: 90 ml Final Flow Rate: 150 ml/min Final Draw Down: 0.26 ft	Instrument Used: Aqua TROLL 400 Serial Number: 989619
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
8/8/2024 11:08 AM	00:00	6.91 pH	27.65 °C	145.41 µS/cm	5.21 mg/L	2.58 NTU	114.1 mV	25.51 ft	150.00 ml/min
8/8/2024 11:13 AM	05:00	6.67 pH	22.46 °C	153.66 µS/cm	5.62 mg/L	1.83 NTU	84.4 mV	25.77 ft	150.00 ml/min
8/8/2024 11:18 AM	10:00	6.64 pH	21.92 °C	154.97 µS/cm	5.76 mg/L	1.96 NTU	84.5 mV	25.77 ft	150.00 ml/min
8/8/2024 11:23 AM	15:00	6.64 pH	21.94 °C	154.99 µS/cm	5.75 mg/L	1.01 NTU	108.9 mV	25.77 ft	150.00 ml/min
8/8/2024 11:28 AM	20:00	6.34 pH	21.99 °C	174.35 µS/cm	3.50 mg/L	1.12 NTU	111.6 mV	25.77 ft	150.00 ml/min
8/8/2024 11:33 AM	25:00	6.32 pH	21.84 °C	174.16 µS/cm	3.43 mg/L	0.54 NTU	110.5 mV	25.77 ft	150.00 ml/min
8/8/2024 11:38 AM	30:00	6.32 pH	21.63 °C	174.29 µS/cm	3.43 mg/L	2.23 NTU	81.7 mV	25.77 ft	150.00 ml/min

Samples

Sample ID:	Description:
SCH-GWC-37	

Low-Flow Test Report:

Test Date / Time: 8/8/2024 12:34:05 PM

Project: SCH-GWC-38

Operator Name: Jake Stucky

Location Name: SCH-GWC-38 Latitude: 33.06972830093751 Longitude: -83.7980857585406 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 33.96 ft Total Depth: 43.96 ft Initial Depth to Water: 13.69 ft	Pump Type: Peristaltic Estimated Total Volume Pumped: 3500 ml Flow Cell Volume: 90 ml Final Flow Rate: 150 ml/min Final Draw Down: 2.94 ft	Instrument Used: Aqua TROLL 400 Serial Number: 989619
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
8/8/2024 12:34 PM	00:00	6.82 pH	32.76 °C	146.89 µS/cm	2.30 mg/L	11.50 NTU	105.7 mV	13.69 ft	150.00 ml/min
8/8/2024 12:39 PM	05:00	6.72 pH	23.23 °C	165.19 µS/cm	1.63 mg/L	4.91 NTU	69.4 mV	15.74 ft	150.00 ml/min
8/8/2024 12:44 PM	10:00	6.70 pH	22.70 °C	166.15 µS/cm	1.48 mg/L	3.12 NTU	64.4 mV	15.91 ft	150.00 ml/min
8/8/2024 12:49 PM	15:00	6.71 pH	22.55 °C	164.31 µS/cm	1.45 mg/L	1.64 NTU	63.6 mV	16.40 ft	150.00 ml/min
8/8/2024 12:54 PM	20:00	6.69 pH	22.48 °C	165.53 µS/cm	1.46 mg/L	1.22 NTU	79.4 mV	16.56 ft	150.00 ml/min
8/8/2024 12:59 PM	25:00	6.69 pH	22.48 °C	167.25 µS/cm	1.46 mg/L	1.92 NTU	64.7 mV	16.63 ft	150.00 ml/min

Samples

Sample ID:	Description:
SCH-GWC-38	

Low-Flow Test Report:

Test Date / Time: 8/8/2024 9:04:48 AM

Project: SCH-GWC-39

Operator Name: Jake Stucky

Location Name: SCH-GWA-39 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 35.81 ft Total Depth: 62.60 ft Initial Depth to Water: 30 ft	Pump Type: Bladder Estimated Total Volume Pumped: 6000 ml Flow Cell Volume: 90 ml Final Flow Rate: 150 ml/min Final Draw Down: 3.09 ft	Instrument Used: Aqua TROLL 400 Serial Number: 989619
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
8/8/2024 9:04 AM	00:00	6.92 pH	25.58 °C	214.28 µS/cm	5.34 mg/L	24.40 NTU	140.7 mV	30.00 ft	150.00 ml/min
8/8/2024 9:09 AM	05:00	6.83 pH	19.54 °C	209.28 µS/cm	2.49 mg/L	17.50 NTU	89.4 mV	32.18 ft	150.00 ml/min
8/8/2024 9:14 AM	10:00	6.84 pH	19.19 °C	210.16 µS/cm	2.40 mg/L	13.60 NTU	79.8 mV	32.59 ft	150.00 ml/min
8/8/2024 9:16 AM	12:09	6.82 pH	19.09 °C	209.06 µS/cm	2.33 mg/L	13.60 NTU	93.6 mV	32.59 ft	150.00 ml/min
8/8/2024 9:21 AM	17:09	6.83 pH	19.07 °C	210.50 µS/cm	2.16 mg/L	6.00 NTU	76.1 mV	33.09 ft	150.00 ml/min
8/8/2024 9:26 AM	22:09	6.82 pH	19.07 °C	210.26 µS/cm	2.00 mg/L	4.82 NTU	74.2 mV	33.09 ft	150.00 ml/min
8/8/2024 9:31 AM	27:09	6.81 pH	19.36 °C	210.67 µS/cm	1.91 mg/L	2.82 NTU	90.1 mV	33.09 ft	150.00 ml/min
8/8/2024 9:36 AM	32:09	6.81 pH	19.72 °C	210.12 µS/cm	1.78 mg/L	1.90 NTU	90.3 mV	33.09 ft	150.00 ml/min
8/8/2024 9:41 AM	37:09	6.80 pH	19.76 °C	209.89 µS/cm	1.71 mg/L	1.24 NTU	70.6 mV	33.09 ft	150.00 ml/min
8/8/2024 9:46 AM	42:09	6.79 pH	19.88 °C	210.70 µS/cm	1.66 mg/L	1.90 NTU	70.6 mV	33.09 ft	150.00 ml/min

Samples

Sample ID:	Description:
SCH-GWA-39	

Low-Flow Test Report:

Test Date / Time: 8/8/2024 1:48:21 PM

Project: Scherer SAGW02 2024 (15)

Operator Name: Mark Mann

Location Name: SCH-GWA-40 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 38.6 ft Total Depth: 48.6 ft Initial Depth to Water: 35.65 ft	Pump Type: Bladder Tubing Type: LDPE Pump Intake From TOC: 43 ft Estimated Total Volume Pumped: 24500 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 4.42 ft	Instrument Used: Aqua TROLL 400 Serial Number: 1080302
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Test Notes:

Weather Conditions:

Sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
8/8/2024 1:48 PM	00:00	6.15 pH	34.13 °C	65.97 µS/cm	5.22 mg/L	211.00 NTU	101.2 mV	35.65 ft	250.00 ml/min
8/8/2024 1:53 PM	05:00	6.23 pH	22.20 °C	71.39 µS/cm	6.29 mg/L	196.00 NTU	86.8 mV	37.55 ft	250.00 ml/min
8/8/2024 1:58 PM	10:00	6.15 pH	20.97 °C	69.70 µS/cm	6.11 mg/L	150.00 NTU	91.8 mV	37.98 ft	250.00 ml/min
8/8/2024 2:03 PM	15:00	6.06 pH	20.72 °C	69.58 µS/cm	5.45 mg/L	126.00 NTU	113.7 mV	38.33 ft	200.00 ml/min
8/8/2024 2:08 PM	20:00	5.97 pH	21.01 °C	69.96 µS/cm	4.76 mg/L	108.00 NTU	127.7 mV	38.45 ft	200.00 ml/min
8/8/2024 2:13 PM	25:00	5.95 pH	20.87 °C	70.86 µS/cm	4.29 mg/L	93.80 NTU	118.2 mV	38.55 ft	200.00 ml/min
8/8/2024 2:18 PM	30:00	5.93 pH	20.88 °C	71.58 µS/cm	3.96 mg/L	87.70 NTU	124.7 mV	38.67 ft	200.00 ml/min
8/8/2024 2:23 PM	35:00	5.90 pH	20.63 °C	72.52 µS/cm	3.68 mg/L	76.40 NTU	129.5 mV	38.79 ft	200.00 ml/min
8/8/2024 2:28 PM	40:00	5.90 pH	20.67 °C	73.57 µS/cm	3.49 mg/L	67.40 NTU	132.1 mV	38.88 ft	150.00 ml/min
8/8/2024 2:33 PM	45:00	5.87 pH	20.90 °C	75.94 µS/cm	3.14 mg/L	43.90 NTU	159.3 mV	38.88 ft	150.00 ml/min
8/8/2024 2:38 PM	50:00	5.85 pH	21.20 °C	76.87 µS/cm	2.59 mg/L	37.20 NTU	130.0 mV	38.87 ft	150.00 ml/min
8/8/2024 2:43 PM	55:00	5.85 pH	21.37 °C	77.06 µS/cm	2.43 mg/L	35.40 NTU	128.9 mV	38.86 ft	300.00 ml/min
8/8/2024 2:48 PM	01:00:00	5.90 pH	20.16 °C	75.23 µS/cm	3.44 mg/L	48.70 NTU	165.4 mV	39.11 ft	300.00 ml/min

8/8/2024 2:53 PM	01:05:00	5.88 pH	20.99 °C	78.09 µS/cm	3.35 mg/L	58.96 NTU	136.2 mV	39.43 ft	300.00 ml/min
8/8/2024 2:58 PM	01:10:00	5.90 pH	20.04 °C	77.53 µS/cm	3.28 mg/L	49.10 NTU	135.8 mV	39.51 ft	300.00 ml/min
8/8/2024 3:03 PM	01:15:00	5.90 pH	20.48 °C	81.95 µS/cm	2.75 mg/L	22.50 NTU	134.5 mV	39.62 ft	300.00 ml/min
8/8/2024 3:08 PM	01:20:00	5.89 pH	20.21 °C	83.93 µS/cm	2.32 mg/L	16.20 NTU	133.7 mV	39.81 ft	300.00 ml/min
8/8/2024 3:13 PM	01:25:00	5.86 pH	20.44 °C	84.25 µS/cm	1.63 mg/L	9.92 NTU	131.2 mV	40.01 ft	300.00 ml/min
8/8/2024 3:18 PM	01:30:00	5.84 pH	20.45 °C	85.84 µS/cm	1.20 mg/L	9.23 NTU	153.6 mV	40.19 ft	200.00 ml/min
8/8/2024 3:23 PM	01:35:00	5.85 pH	20.50 °C	91.15 µS/cm	0.77 mg/L	5.05 NTU	142.8 mV	40.13 ft	200.00 ml/min
8/8/2024 3:28 PM	01:40:00	5.87 pH	20.30 °C	92.74 µS/cm	0.81 mg/L	5.61 NTU	116.3 mV	40.09 ft	200.00 ml/min
8/8/2024 3:33 PM	01:45:00	5.89 pH	20.14 °C	95.33 µS/cm	0.74 mg/L	4.77 NTU	110.0 mV	40.07 ft	200.00 ml/min

Samples

Sample ID:	Description:
SCH-GWA-40	

Low-Flow Test Report:

Test Date / Time: 8/7/2024 11:40:14 AM

Project: SCH-GWA-41

Operator Name: Jacob Stucky

Location Name: SCH-GWA-41 Latitude: 33.07337572801213 Longitude: -83.80157464191672 Initial Depth to Water: 13.25 ft	Pump Type: Peristaltic Estimated Total Volume Pumped: 9750 ml Flow Cell Volume: 90 ml Final Flow Rate: 150 ml/min Final Draw Down: 0.18 ft	Instrument Used: Aqua TROLL 400 Serial Number: 989619
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.5	
8/7/2024 11:40 AM	00:00	6.33 pH	29.32 °C	159.55 µS/cm	3.55 mg/L	68.60 NTU	112.6 mV	13.25 ft	150.00 ml/min
8/7/2024 11:45 AM	05:00	6.03 pH	21.94 °C	166.82 µS/cm	0.97 mg/L	14.70 NTU	84.6 mV	13.43 ft	150.00 ml/min
8/7/2024 11:50 AM	10:00	6.03 pH	21.22 °C	167.70 µS/cm	0.93 mg/L	6.40 NTU	77.6 mV	13.43 ft	150.00 ml/min
8/7/2024 11:55 AM	15:00	6.03 pH	21.00 °C	167.72 µS/cm	0.92 mg/L	8.11 NTU	75.4 mV	13.43 ft	150.00 ml/min
8/7/2024 12:00 PM	20:00	6.03 pH	20.96 °C	167.37 µS/cm	0.94 mg/L	10.40 NTU	97.8 mV	13.43 ft	150.00 ml/min
8/7/2024 12:05 PM	25:00	6.03 pH	21.05 °C	167.91 µS/cm	0.97 mg/L	9.70 NTU	80.7 mV	13.43 ft	150.00 ml/min
8/7/2024 12:10 PM	30:00	6.04 pH	21.08 °C	167.16 µS/cm	0.96 mg/L	2.29 NTU	105.6 mV	13.43 ft	150.00 ml/min
8/7/2024 12:15 PM	35:00	6.04 pH	21.23 °C	167.25 µS/cm	0.95 mg/L	3.48 NTU	86.0 mV	13.43 ft	150.00 ml/min
8/7/2024 12:20 PM	40:00	6.05 pH	21.16 °C	166.73 µS/cm	0.96 mg/L	18.20 NTU	110.4 mV	13.43 ft	150.00 ml/min
8/7/2024 12:25 PM	45:00	6.04 pH	21.35 °C	167.51 µS/cm	0.95 mg/L	17.70 NTU	89.0 mV	13.43 ft	150.00 ml/min
8/7/2024 12:30 PM	50:00	6.04 pH	21.23 °C	166.98 µS/cm	0.96 mg/L	9.39 NTU	87.7 mV	13.43 ft	150.00 ml/min
8/7/2024 12:35 PM	55:00	6.05 pH	21.35 °C	166.22 µS/cm	0.96 mg/L	4.70 NTU	87.9 mV	13.43 ft	150.00 ml/min
8/7/2024 12:40 PM	01:00:00	6.04 pH	21.34 °C	165.98 µS/cm	0.96 mg/L	3.69 NTU	88.4 mV	13.43 ft	150.00 ml/min
8/7/2024 12:45 PM	01:05:00	6.05 pH	21.32 °C	166.77 µS/cm	0.96 mg/L	1.86 NTU	87.4 mV	13.43 ft	150.00 ml/min

Samples

Sample ID:	Description:
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SCH-GWA-41	
SCH-CELL3-FD-10	

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 8/7/2024 10:08:19 AM

Project: SCH-GWA-42

Operator Name: Jacob Stucky

Location Name: SCH-GWA-42 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 12.4 ft Total Depth: 22.4 ft Initial Depth to Water: 5.79 ft	Pump Type: Peristaltic Estimated Total Volume Pumped: 4597.5 ml Flow Cell Volume: 90 ml Final Flow Rate: 150 ml/min Final Draw Down: 1.38 ft	Instrument Used: Aqua TROLL 400 Serial Number: 989619
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.5	
8/7/2024 10:08 AM	00:00	7.46 pH	29.89 °C	0.00 µS/cm	6.35 mg/L	7.85 NTU	170.2 mV	5.79 ft	150.00 ml/min
8/7/2024 10:08 AM	00:39	6.54 pH	27.43 °C	224.44 µS/cm	1.93 mg/L	7.85 NTU	164.1 mV	5.79 ft	150.00 ml/min
8/7/2024 10:13 AM	05:39	6.29 pH	21.07 °C	239.64 µS/cm	0.21 mg/L	4.09 NTU	87.4 mV	6.14 ft	150.00 ml/min
8/7/2024 10:18 AM	10:39	6.28 pH	20.65 °C	239.36 µS/cm	0.19 mg/L	6.72 NTU	84.6 mV	7.16 ft	150.00 ml/min
8/7/2024 10:23 AM	15:39	6.28 pH	20.65 °C	226.93 µS/cm	0.16 mg/L	5.31 NTU	59.2 mV	7.17 ft	150.00 ml/min
8/7/2024 10:28 AM	20:39	6.28 pH	20.50 °C	241.22 µS/cm	0.15 mg/L	4.80 NTU	62.5 mV	7.17 ft	150.00 ml/min
8/7/2024 10:33 AM	25:39	6.28 pH	20.51 °C	241.87 µS/cm	0.14 mg/L	4.03 NTU	49.5 mV	7.17 ft	150.00 ml/min
8/7/2024 10:38 AM	30:39	6.29 pH	20.51 °C	241.59 µS/cm	0.13 mg/L	3.91 NTU	45.6 mV	7.17 ft	150.00 ml/min

Samples

Sample ID:	Description:
SCH-GWA-42	
SCH-CELL3-FB-10	

Low-Flow Test Report:

Test Date / Time: 8/7/2024 3:08:58 PM

Project: SCH-GWA-43

Operator Name: Jacob Stucky

Location Name: SCH-GWA-43 Latitude: 33.075483441383646 Longitude: -83.80133089617249 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 12.4 ft Total Depth: 22.4 ft Initial Depth to Water: 5.59 ft	Pump Type: Peristaltic Estimated Total Volume Pumped: 3710 ml Flow Cell Volume: 90 ml Final Flow Rate: 150 ml/min Final Draw Down: 1.99 ft	Instrument Used: Aqua TROLL 400 Serial Number: 989619
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.5	
8/7/2024 3:08 PM	00:00	6.44 pH	30.54 °C	247.75 µS/cm	1.46 mg/L	8.69 NTU	-1.1 mV	5.59 ft	150.00 ml/min
8/7/2024 3:13 PM	05:00	6.30 pH	23.15 °C	272.81 µS/cm	0.10 mg/L	7.49 NTU	-4.6 mV	7.16 ft	150.00 ml/min
8/7/2024 3:18 PM	10:00	6.29 pH	22.79 °C	273.59 µS/cm	0.08 mg/L	5.16 NTU	-2.0 mV	7.43 ft	150.00 ml/min
8/7/2024 3:23 PM	15:00	6.31 pH	22.87 °C	271.40 µS/cm	0.07 mg/L	3.81 NTU	-0.2 mV	7.55 ft	150.00 ml/min
8/7/2024 3:28 PM	20:00	6.30 pH	22.92 °C	269.34 µS/cm	0.06 mg/L	3.98 NTU	-11.0 mV	7.58 ft	150.00 ml/min
8/7/2024 3:33 PM	24:44	6.32 pH	22.74 °C	268.63 µS/cm	0.06 mg/L	3.75 NTU	-3.4 mV	7.58 ft	150.00 ml/min

Samples

Sample ID:	Description:
SCH-GWA-43	

Low-Flow Test Report:

Test Date / Time: 8/7/2024 2:02:50 PM

Project: SCH-GWA-44A

Operator Name: Jacob Stucky

Location Name: SCH-GWA-44A Latitude: 33.07669730860095 Longitude: -83.80105907105263 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 12.5 ft Total Depth: 22.5 ft Initial Depth to Water: 5.89 ft	Pump Type: Peristaltic Estimated Total Volume Pumped: 3000 ml Flow Cell Volume: 90 ml Final Flow Rate: 150 ml/min Final Draw Down: 0.51 ft	Instrument Used: Aqua TROLL 400 Serial Number: 989619
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.5	
8/7/2024 2:02 PM	00:00	6.71 pH	43.06 °C	158.77 µS/cm	2.98 mg/L	10.50 NTU	93.0 mV	5.89 ft	150.00 ml/min
8/7/2024 2:07 PM	05:00	6.51 pH	23.98 °C	187.13 µS/cm	0.18 mg/L	7.74 NTU	71.0 mV	6.40 ft	150.00 ml/min
8/7/2024 2:12 PM	10:00	6.50 pH	22.83 °C	189.99 µS/cm	0.15 mg/L	3.24 NTU	62.0 mV	6.40 ft	150.00 ml/min
8/7/2024 2:17 PM	15:00	6.49 pH	22.39 °C	190.91 µS/cm	0.14 mg/L	4.59 NTU	55.4 mV	6.40 ft	150.00 ml/min
8/7/2024 2:22 PM	20:00	6.49 pH	21.89 °C	191.28 µS/cm	0.14 mg/L	2.81 NTU	66.4 mV	6.40 ft	150.00 ml/min

Samples

Sample ID:	Description:
SCH-GWA-44A	

Low-Flow Test Report:

Test Date / Time: 8/8/2024 2:26:27 PM

Project: SCH-GWA-54

Operator Name: Jake Stucky

Location Name: SCH-GWA-54 Latitude: 33.07240749246727 Longitude: -83.80112344406899 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 40.7 ft Total Depth: 50.7 ft Initial Depth to Water: 27.49 ft	Pump Type: Peristaltic Estimated Total Volume Pumped: 6750 ml Flow Cell Volume: 90 ml Final Flow Rate: 150 ml/min Final Draw Down: 2.52 ft	Instrument Used: Aqua TROLL 400 Serial Number: 989619
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
8/8/2024 2:26 PM	00:00	6.99 pH	21.99 °C	128.36 µS/cm	7.10 mg/L	3.97 NTU	104.0 mV	27.49 ft	150.00 ml/min
8/8/2024 2:31 PM	05:00	6.91 pH	21.01 °C	131.99 µS/cm	7.43 mg/L	3.79 NTU	77.4 mV	29.65 ft	150.00 ml/min
8/8/2024 2:36 PM	10:00	6.84 pH	21.00 °C	133.29 µS/cm	7.91 mg/L	1.00 NTU	78.2 mV	29.93 ft	150.00 ml/min
8/8/2024 2:41 PM	15:00	6.79 pH	21.20 °C	132.82 µS/cm	6.44 mg/L	1.54 NTU	62.3 mV	30.01 ft	150.00 ml/min
8/8/2024 2:46 PM	20:00	6.26 pH	21.42 °C	136.49 µS/cm	1.09 mg/L	2.85 NTU	38.0 mV	30.01 ft	150.00 ml/min
8/8/2024 2:51 PM	25:00	6.25 pH	21.34 °C	139.34 µS/cm	0.76 mg/L	1.38 NTU	33.0 mV	30.01 ft	150.00 ml/min
8/8/2024 2:56 PM	30:00	6.22 pH	21.27 °C	118.81 µS/cm	0.49 mg/L	1.40 NTU	32.0 mV	30.01 ft	150.00 ml/min
8/8/2024 3:01 PM	35:00	6.22 pH	21.09 °C	140.53 µS/cm	0.41 mg/L	1.31 NTU	31.8 mV	30.01 ft	150.00 ml/min
8/8/2024 3:06 PM	40:00	6.24 pH	21.27 °C	139.80 µS/cm	0.41 mg/L	1.78 NTU	34.1 mV	30.01 ft	150.00 ml/min
8/8/2024 3:11 PM	45:00	6.23 pH	21.26 °C	142.17 µS/cm	0.43 mg/L	1.44 NTU	36.6 mV	30.01 ft	150.00 ml/min

Samples

Sample ID:	Description:
SHC-GWA-54	

Low-Flow Test Report:

Test Date / Time: 8/7/2024 3:31:00 PM
Project: PLANT SCHERER SAGW 2 (7)
Operator Name: D Bloomfield

Location Name: SCH-SWA-2	Pump Type: Peristaltic Tubing Type: LDPE Estimated Total Volume Pumped: 1000 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min	Instrument Used: Aqua TROLL 400 Serial Number: 966105
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 5	
8/7/2024 3:31 PM	00:00	7.59 pH	39.72 °C	585.58 µS/cm	5.23 mg/L	3.80 NTU	-1.8 mV	0.00 ft	200.00 ml/min
8/7/2024 3:36 PM	05:00	7.46 pH	27.64 °C	703.19 µS/cm	7.28 mg/L	3.29 NTU	0.4 mV	0.00 ft	200.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 8/7/2024 12:08:45 PM

Project: PLANT SCHERER SAGW 2 (5)

Operator Name: D Bloomfield

Location Name: SCH-SWA-3	Pump Type: Peristaltic Tubing Type: LDPE Estimated Total Volume Pumped: 1000 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min	Instrument Used: Aqua TROLL 400 Serial Number: 966105
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 5	
8/7/20 12:08 PM	00:00	7.77 pH	31.57 °C	233.81 µS/cm	6.46 mg/L	56.80 NTU	24.8 mV	0.00 ft	200.00 ml/min
8/7/2024 12:13 PM	05:00	7.51 pH	24.83 °C	252.38 µS/cm	7.85 mg/L	13.60 NTU	-5.4 mV	0.00 ft	200.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 8/7/2024 9:54:15 AM

Project: PLANT SCHERER SAGW 2

Operator Name: D Bloomfield

Location Name: SCH-SWC-4	Pump Type: Peristaltic Tubing Type: LDPE Estimated Total Volume Pumped: 1000 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0 ft	Instrument Used: Aqua TROLL 400 Serial Number: 966105
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 5	
8/7/2024 9:54 AM	00:00	7.35 pH	29.31 °C	520.60 µS/cm	6.76 mg/L	3.70 NTU	183.5 mV	0.00 ft	200.00 ml/min
8/7/2024 9:59 AM	05:00	7.31 pH	23.76 °C	366.15 µS/cm	7.12 mg/L	3.77 NTU	31.3 mV	0.00 ft	200.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 8/7/2024 11:01:33 AM

Project: PLANT SCHERER SAGW 2 (3)

Operator Name: D Bloomfield

Location Name: SCH-SWC-6	Pump Type: Peristaltic Tubing Type: LDPE Estimated Total Volume Pumped: 1000 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0 ft	Instrument Used: Aqua TROLL 400 Serial Number: 966105
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 5	
8/7/2024 11:01 AM	00:00	7.42 pH	25.14 °C	120.34 µS/cm	8.04 mg/L	446.00 NTU	41.2 mV	0.00 ft	200.00 ml/min
8/7/2024 11:06 AM	05:00	7.62 pH	24.53 °C	137.38 µS/cm	7.52 mg/L	549.00 NTU	51.9 mV	0.00 ft	200.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 8/7/2024 11:19:08 AM

Project: PLANT SCHERER SAGW 2 (4)

Operator Name: D Bloomfield

Location Name: SCH-SWC-7	Pump Type: Peristaltic Tubing Type: LDPE Estimated Total Volume Pumped: 1360 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min	Instrument Used: Aqua TROLL 400 Serial Number: 966105
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 5	
8/7/2024 11:19 AM	00:00	7.60 pH	25.80 °C	331.80 µS/cm	6.94 mg/L	15.20 NTU	73.5 mV	0.00 ft	200.00 ml/min
8/7/2024 11:20 AM	01:48	7.64 pH	25.04 °C	331.65 µS/cm	6.56 mg/L	13.30 NTU	60.7 mV	0.00 ft	200.00 ml/min
8/7/2024 11:25 AM	06:48	7.66 pH	24.77 °C	334.28 µS/cm	6.58 mg/L	6.99 NTU	54.5 mV	0.00 ft	200.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 8/7/2024 12:45:29 PM

Project: PLANT SCHERER SAGW 2 (6)

Operator Name: D Bloomfield

Location Name: SCH-SWC-8	Pump Type: Peristaltic Tubing Type: LDPE Estimated Total Volume Pumped: 1000 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min	Instrument Used: Aqua TROLL 400 Serial Number: 966105
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 5	
8/7/2024 12:45 PM	00:00	7.33 pH	28.17 °C	464.57 µS/cm	6.05 mg/L	4.39 NTU	21.1 mV	0.00 ft	200.00 ml/min
8/7/2024 12:50 PM	05:00	7.03 pH	24.87 °C	490.01 µS/cm	6.47 mg/L	3.77 NTU	15.4 mV	0.00 ft	200.00 ml/min

Samples

Sample ID:	Description:
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APPENDIX A

**Field Data Forms
November 2024**

Low-Flow Test Report:

Test Date / Time: 11/7/2024 11:13:14 AM

Project: SCS Scherer (4)

Operator Name: LND

Location Name: SCH-GWC-2 Latitude: 33.07806758213143 Longitude: -83.79154879607613 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 48.74 ft Total Depth: 58.74 ft Initial Depth to Water: 15.48 ft	Pump Type: QED bladder pump Tubing Type: LDPE Pump Intake From TOC: 53.74 ft Estimated Total Volume Pumped: 4800 ml Flow Cell Volume: 90 ml Final Flow Rate: 120 ml/min Final Draw Down: 1.2 ft	Instrument Used: Aqua TROLL 400 Serial Number: 1080293
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 10	+/- 10	+/- 0.3	
11/7/2024 11:13 AM	00:00	6.70 pH	21.33 °C	174.72 µS/cm	5.00 mg/L	7.61 NTU	116.5 mV	16.16 ft	120.00 ml/min
11/7/2024 11:18 AM	05:00	6.47 pH	20.02 °C	178.20 µS/cm	4.68 mg/L	3.06 NTU	142.2 mV	16.32 ft	120.00 ml/min
11/7/2024 11:23 AM	10:00	6.47 pH	19.78 °C	179.16 µS/cm	4.59 mg/L	2.28 NTU	107.4 mV	16.52 ft	120.00 ml/min
11/7/2024 11:28 AM	15:00	6.47 pH	19.74 °C	179.11 µS/cm	4.55 mg/L	2.21 NTU	106.7 mV	16.62 ft	120.00 ml/min
11/7/2024 11:33 AM	20:00	6.46 pH	19.68 °C	178.14 µS/cm	4.48 mg/L	1.69 NTU	140.2 mV	16.66 ft	120.00 ml/min
11/7/2024 11:38 AM	25:00	6.46 pH	19.70 °C	178.22 µS/cm	4.42 mg/L	1.71 NTU	140.9 mV	16.68 ft	120.00 ml/min
11/7/2024 11:43 AM	30:00	6.46 pH	19.68 °C	179.66 µS/cm	4.38 mg/L	1.45 NTU	107.0 mV	16.68 ft	120.00 ml/min
11/7/2024 11:48 AM	35:00	6.45 pH	19.78 °C	179.60 µS/cm	4.34 mg/L	1.42 NTU	106.4 mV	16.68 ft	120.00 ml/min
11/7/2024 11:53 AM	40:00	6.45 pH	19.72 °C	179.90 µS/cm	4.31 mg/L	1.23 NTU	104.9 mV	16.68 ft	120.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 11/7/2024 10:46:40 AM

Project: Plant Scherer

Operator Name: Daniel Howard

Location Name: SCH- GWC-3 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 42.42 ft Total Depth: 52.42 ft Initial Depth to Water: 38.09 ft	Pump Type: QED bladder pump Tubing Type: LDPE Pump Intake From TOC: 47.4 ft Estimated Total Volume Pumped: 41250 ml Flow Cell Volume: 90 ml Final Flow Rate: 150 ml/min Final Draw Down: 0.13 ft	Instrument Used: Aqua TROLL 400 Serial Number: 1080302
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Test Notes:

Sample time 1521

Weather Conditions:

Overcast

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
11/7/2024 10:46 AM	00:00	6.03 pH	20.17 °C	134.69 µS/cm	5.85 mg/L	83.40 NTU	193.8 mV	38.22 ft	150.00 ml/min
11/7/2024 10:51 AM	05:00	6.04 pH	20.12 °C	136.63 µS/cm	5.80 mg/L	58.80 NTU	214.0 mV	38.22 ft	150.00 ml/min
11/7/2024 10:56 AM	10:00	6.05 pH	20.08 °C	136.21 µS/cm	5.82 mg/L	63.70 NTU	211.5 mV	38.22 ft	150.00 ml/min
11/7/2024 11:01 AM	15:00	6.05 pH	20.12 °C	136.91 µS/cm	5.84 mg/L	52.20 NTU	270.9 mV	38.22 ft	150.00 ml/min
11/7/2024 11:06 AM	20:00	6.05 pH	20.19 °C	136.80 µS/cm	5.69 mg/L	50.10 NTU	268.6 mV	38.22 ft	150.00 ml/min
11/7/2024 11:11 AM	25:00	6.05 pH	20.16 °C	136.82 µS/cm	5.69 mg/L	40.20 NTU	268.4 mV	38.22 ft	150.00 ml/min
11/7/2024 11:16 AM	30:00	6.05 pH	20.26 °C	135.81 µS/cm	5.63 mg/L	45.80 NTU	206.9 mV	38.22 ft	150.00 ml/min
11/7/2024 11:21 AM	35:00	6.04 pH	20.14 °C	135.59 µS/cm	5.51 mg/L	40.60 NTU	205.9 mV	38.22 ft	150.00 ml/min
11/7/2024 11:26 AM	40:00	6.04 pH	20.12 °C	135.57 µS/cm	5.52 mg/L	38.80 NTU	205.9 mV	38.22 ft	150.00 ml/min
11/7/2024 11:31 AM	45:00	6.04 pH	20.12 °C	135.44 µS/cm	5.59 mg/L	37.00 NTU	205.7 mV	38.22 ft	150.00 ml/min
11/7/2024 11:36 AM	50:00	6.03 pH	20.12 °C	136.21 µS/cm	5.59 mg/L		265.6 mV	38.22 ft	150.00 ml/min
11/7/2024 11:41 AM	55:00	6.03 pH	20.12 °C	135.14 µS/cm	5.52 mg/L	36.70 NTU	205.0 mV	38.22 ft	150.00 ml/min
11/7/2024 11:46 AM	01:00:00	6.03 pH	20.17 °C	135.00 µS/cm	5.49 mg/L	31.40 NTU	203.9 mV	38.22 ft	150.00 ml/min

11/7/2024 11:51 AM	01:05:00	6.02 pH	20.16 °C	134.66 µS/cm	5.49 mg/L	30.40 NTU	204.6 mV	38.22 ft	150.00 ml/min
11/7/2024 11:56 AM	01:10:00	6.02 pH	20.18 °C	134.41 µS/cm	5.44 mg/L	25.80 NTU	204.4 mV	38.22 ft	150.00 ml/min
11/7/2024 12:01 PM	01:15:00	6.01 pH	20.19 °C	134.62 µS/cm	5.37 mg/L	25.90 NTU	204.3 mV	38.22 ft	150.00 ml/min
11/7/2024 12:06 PM	01:20:00	6.01 pH	20.21 °C	134.22 µS/cm	5.34 mg/L	24.10 NTU	204.5 mV	38.22 ft	150.00 ml/min
11/7/2024 12:11 PM	01:25:00	6.01 pH	20.23 °C	134.30 µS/cm	5.30 mg/L	22.50 NTU	203.8 mV	38.22 ft	150.00 ml/min
11/7/2024 12:16 PM	01:30:00	6.01 pH	20.17 °C	134.96 µS/cm	5.33 mg/L	21.20 NTU	264.3 mV	38.22 ft	150.00 ml/min
11/7/2024 12:21 PM	01:35:00	6.00 pH	20.18 °C	134.93 µS/cm	5.29 mg/L	21.60 NTU	265.2 mV	38.22 ft	150.00 ml/min
11/7/2024 12:26 PM	01:40:00	6.00 pH	20.24 °C	134.79 µS/cm	5.24 mg/L	19.80 NTU	263.4 mV	38.22 ft	150.00 ml/min
11/7/2024 12:31 PM	01:45:00	5.99 pH	20.27 °C	134.70 µS/cm	5.15 mg/L	18.10 NTU	263.5 mV	38.22 ft	150.00 ml/min
11/7/2024 12:36 PM	01:50:00	6.00 pH	20.31 °C	134.47 µS/cm	5.25 mg/L	17.80 NTU	263.8 mV	38.22 ft	150.00 ml/min
11/7/2024 12:41 PM	01:55:00	6.00 pH	20.65 °C	134.37 µS/cm	5.28 mg/L	17.90 NTU	262.4 mV	38.22 ft	150.00 ml/min
11/7/2024 12:46 PM	02:00:00	6.00 pH	20.65 °C	133.93 µS/cm	5.19 mg/L	16.20 NTU	261.8 mV	38.22 ft	150.00 ml/min
11/7/2024 12:51 PM	02:05:00	6.00 pH	20.57 °C	134.08 µS/cm	5.26 mg/L	14.50 NTU	261.8 mV	38.22 ft	150.00 ml/min
11/7/2024 12:56 PM	02:10:00	6.00 pH	20.50 °C	133.66 µS/cm	5.24 mg/L	13.40 NTU	261.6 mV	38.22 ft	150.00 ml/min
11/7/2024 1:01 PM	02:15:00	6.00 pH	20.48 °C	134.89 µS/cm	5.34 mg/L	13.90 NTU	261.4 mV	38.22 ft	150.00 ml/min
11/7/2024 1:06 PM	02:20:00	6.00 pH	20.48 °C	134.82 µS/cm	5.36 mg/L	14.00 NTU	261.1 mV	38.22 ft	150.00 ml/min
11/7/2024 1:11 PM	02:25:00	6.00 pH	20.62 °C	134.58 µS/cm	5.37 mg/L	12.60 NTU	261.1 mV	38.22 ft	150.00 ml/min
11/7/2024 1:16 PM	02:30:00	5.99 pH	20.63 °C	134.54 µS/cm	5.31 mg/L	12.20 NTU	260.9 mV	38.22 ft	150.00 ml/min
11/7/2024 1:21 PM	02:35:00	5.99 pH	20.51 °C	134.41 µS/cm	5.29 mg/L	11.80 NTU	260.7 mV	38.22 ft	150.00 ml/min
11/7/2024 1:26 PM	02:40:00	6.00 pH	20.38 °C	133.21 µS/cm	5.40 mg/L	11.20 NTU	201.4 mV	38.22 ft	150.00 ml/min
11/7/2024 1:31 PM	02:45:00	6.00 pH	20.35 °C	133.20 µS/cm	5.38 mg/L	10.70 NTU	200.9 mV	38.22 ft	150.00 ml/min
11/7/2024 1:36 PM	02:50:00	6.00 pH	20.34 °C	133.16 µS/cm	5.36 mg/L	11.40 NTU	200.9 mV	38.22 ft	150.00 ml/min
11/7/2024 1:41 PM	02:55:00	6.00 pH	20.49 °C	133.09 µS/cm	5.34 mg/L	10.40 NTU	200.9 mV	38.22 ft	150.00 ml/min
11/7/2024 1:46 PM	03:00:00	6.00 pH	20.41 °C	133.54 µS/cm	5.34 mg/L	10.30 NTU	260.1 mV	38.22 ft	150.00 ml/min
11/7/2024 1:51 PM	03:05:00	6.00 pH	20.33 °C	133.86 µS/cm	5.39 mg/L	10.30 NTU	260.3 mV	38.22 ft	150.00 ml/min
11/7/2024 1:56 PM	03:10:00	6.00 pH	20.30 °C	132.75 µS/cm	5.39 mg/L	9.25 NTU	201.0 mV	38.22 ft	150.00 ml/min
11/7/2024 2:01 PM	03:15:00	6.00 pH	20.34 °C	132.76 µS/cm	5.45 mg/L	8.90 NTU	201.0 mV	38.22 ft	150.00 ml/min
11/7/2024 2:06 PM	03:20:00	6.00 pH	20.25 °C	132.55 µS/cm	5.37 mg/L	8.84 NTU	200.5 mV	38.22 ft	150.00 ml/min
11/7/2024 2:11 PM	03:25:00	6.00 pH	20.21 °C	132.54 µS/cm	5.44 mg/L	8.04 NTU	199.6 mV	38.22 ft	150.00 ml/min

11/7/2024 2:16 PM	03:30:00	6.00 pH	20.16 °C	132.40 µS/cm	5.44 mg/L	7.94 NTU	200.7 mV	38.22 ft	150.00 ml/min
11/7/2024 2:21 PM	03:35:00	6.00 pH	20.16 °C	133.13 µS/cm	5.46 mg/L	7.80 NTU	259.5 mV	38.22 ft	150.00 ml/min
11/7/2024 2:26 PM	03:40:00	6.00 pH	20.17 °C	131.89 µS/cm	5.42 mg/L	7.57 NTU	199.6 mV	38.22 ft	150.00 ml/min
11/7/2024 2:31 PM	03:45:00	6.00 pH	20.21 °C	132.26 µS/cm	5.49 mg/L	6.90 NTU	200.0 mV	38.22 ft	150.00 ml/min
11/7/2024 2:36 PM	03:50:00	6.00 pH	20.27 °C	133.07 µS/cm	5.41 mg/L	6.84 NTU	259.5 mV	38.22 ft	150.00 ml/min
11/7/2024 2:41 PM	03:55:00	6.00 pH	20.35 °C	132.75 µS/cm	5.45 mg/L	6.50 NTU	259.7 mV	38.22 ft	150.00 ml/min
11/7/2024 2:46 PM	04:00:00	5.99 pH	20.48 °C	132.75 µS/cm	5.45 mg/L	6.11 NTU	259.8 mV	38.22 ft	150.00 ml/min
11/7/2024 2:51 PM	04:05:00	6.00 pH	20.31 °C	132.66 µS/cm	5.44 mg/L	6.08 NTU	259.3 mV	38.22 ft	150.00 ml/min
11/7/2024 2:56 PM	04:10:00	5.99 pH	20.17 °C	132.83 µS/cm	5.48 mg/L	5.52 NTU	259.9 mV	38.22 ft	150.00 ml/min
11/7/2024 3:01 PM	04:15:00	6.00 pH	20.06 °C	132.61 µS/cm	5.45 mg/L	5.26 NTU	259.2 mV	38.22 ft	150.00 ml/min
11/7/2024 3:06 PM	04:20:00	6.00 pH	20.06 °C	132.42 µS/cm	5.49 mg/L	5.13 NTU	259.4 mV	38.22 ft	150.00 ml/min
11/7/2024 3:11 PM	04:25:00	6.00 pH	20.08 °C	132.55 µS/cm	5.39 mg/L	5.05 NTU	258.9 mV	38.22 ft	150.00 ml/min
11/7/2024 3:16 PM	04:30:00	6.00 pH	20.08 °C	132.38 µS/cm	5.51 mg/L	4.58 NTU	259.2 mV	38.22 ft	150.00 ml/min
11/7/2024 3:21 PM	04:35:00	6.00 pH	20.09 °C	132.29 µS/cm	5.55 mg/L	4.79 NTU	260.2 mV	38.22 ft	150.00 ml/min

Samples

Sample ID:	Description:
SCH-GWC-3	

Low-Flow Test Report:

Test Date / Time: 11/6/2024 12:52:16 PM

Project: SCS Scherer (2)

Operator Name: LND

Location Name: SCH-GWC-4 Latitude: 33.076505321108804 Longitude: -83.79307254225368 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 33.41 ft Total Depth: 43.41 ft Initial Depth to Water: 34.13 ft	Pump Type: QED bladder pump Tubing Type: LDPE Pump Intake From TOC: 38.41 ft Estimated Total Volume Pumped: 20592.6401 mL Flow Cell Volume: 90 ml Final Flow Rate: 170 ml/min Final Draw Down: 0.55 ft	Instrument Used: Aqua TROLL 400 Serial Number: 1080293
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 10	+/- 10	+/- 0.3	
11/6/2024 12:52 PM	00:00	6.16 pH	18.86 °C	401.97 µS/cm	2.57 mg/L	0.23 NTU	187.6 mV	34.68 ft	170.00 ml/min
11/6/2024 12:57 PM	05:00	6.16 pH	18.88 °C	406.80 µS/cm	2.55 mg/L	0.19 NTU	168.3 mV	34.68 ft	170.00 ml/min
11/6/2024 1:02 PM	10:00	6.16 pH	18.82 °C	407.11 µS/cm	2.55 mg/L	0.14 NTU	123.3 mV	34.68 ft	170.00 ml/min
11/6/2024 1:07 PM	15:00	6.16 pH	18.83 °C	403.49 µS/cm	2.55 mg/L	0.16 NTU	156.5 mV	34.68 ft	170.00 ml/min
11/6/2024 1:12 PM	20:00	6.15 pH	18.86 °C	403.25 µS/cm	2.55 mg/L	0.13 NTU	120.4 mV	34.68 ft	170.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 11/6/2024 12:12:25 PM

Project: GPC Plant Scherer CCR

Operator Name: Terrell Parker

Location Name: SCH-GWC-6 Latitude: 33.0746325943927 Longitude: -83.79358174287135 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 38.5 ft Total Depth: 48.5 ft Initial Depth to Water: 40.74 ft	Pump Type: QED portable bladder Tubing Type: LDPE Pump Intake From TOC: 47.5 ft Estimated Total Volume Pumped: 13787.083 ml Flow Cell Volume: 90 ml Final Flow Rate: 175 ml/min Final Draw Down: 0.01 ft	Instrument Used: Aqua TROLL 400 Serial Number: 968202
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Test Notes:

DTW below top of pump (39.95'). Dedicated pump removed, sampled with portable bladder.

Weather Conditions:

Overcast, light rain 13:03

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 1	+/- 5 %	+/- 0.2	+/- 5	+/- 15	+/- 0.3	
11/6/2024 12:12 PM	00:00	6.33 pH	22.28 °C	219.60 µS/cm	6.74 mg/L	16.40 NTU	83.2 mV	40.75 ft	175.00 ml/min
11/6/2024 12:16 PM	03:47	6.35 pH	21.54 °C	217.16 µS/cm	6.73 mg/L	8.14 NTU	99.9 mV	40.75 ft	175.00 ml/min
11/6/2024 12:21 PM	08:47	6.42 pH	21.46 °C	207.52 µS/cm	6.72 mg/L	5.48 NTU	87.5 mV	40.75 ft	175.00 ml/min
11/6/2024 12:26 PM	13:47	6.42 pH	21.12 °C	204.79 µS/cm	6.72 mg/L	4.18 NTU	92.5 mV	40.75 ft	175.00 ml/min
11/6/2024 12:31 PM	18:47	6.42 pH	21.04 °C	201.54 µS/cm	6.67 mg/L	2.89 NTU	96.6 mV	40.75 ft	175.00 ml/min
11/6/2024 12:36 PM	23:47	6.41 pH	21.00 °C	201.06 µS/cm	6.62 mg/L	3.99 NTU	98.8 mV	40.75 ft	175.00 ml/min
11/6/2024 12:41 PM	28:47	6.42 pH	20.99 °C	200.35 µS/cm	6.64 mg/L	2.68 NTU	100.2 mV	40.75 ft	175.00 ml/min
11/6/2024 12:46 PM	33:47	6.42 pH	20.80 °C	200.03 µS/cm	6.64 mg/L	2.54 NTU	101.3 mV	40.75 ft	175.00 ml/min
11/6/2024 12:51 PM	38:47	6.41 pH	20.68 °C	199.94 µS/cm	6.65 mg/L	2.50 NTU	127.8 mV	40.75 ft	175.00 ml/min
11/6/2024 12:56 PM	43:47	6.40 pH	20.63 °C	201.41 µS/cm	6.62 mg/L	2.54 NTU	104.7 mV	40.75 ft	175.00 ml/min
11/6/2024 1:01 PM	48:47	6.41 pH	20.70 °C	200.58 µS/cm	6.60 mg/L	2.46 NTU	103.9 mV	40.75 ft	175.00 ml/min
11/6/2024 1:06 PM	53:47	6.41 pH	20.56 °C	200.34 µS/cm	6.64 mg/L	2.47 NTU	102.8 mV	40.75 ft	175.00 ml/min
11/6/2024 1:11 PM	58:47	6.40 pH	20.59 °C	198.98 µS/cm	6.62 mg/L	2.41 NTU	127.6 mV	40.75 ft	175.00 ml/min

11/6/2024 1:16 PM	01:03:47	6.41 pH	20.58 °C	199.28 µS/cm	6.60 mg/L	2.07 NTU	104.2 mV	40.75 ft	175.00 ml/min
11/6/2024 1:21 PM	01:08:47	6.40 pH	20.65 °C	198.59 µS/cm	6.59 mg/L	1.25 NTU	103.6 mV	40.75 ft	175.00 ml/min
11/6/2024 1:26 PM	01:13:47	6.40 pH	20.59 °C	198.79 µS/cm	6.62 mg/L	1.75 NTU	128.4 mV	40.75 ft	175.00 ml/min
11/6/2024 1:31 PM	01:18:47	6.40 pH	20.74 °C	197.27 µS/cm	6.61 mg/L	1.29 NTU	105.4 mV	40.75 ft	175.00 ml/min

Samples

Sample ID:	Description:
SCH-GWC-6	Boron, Sulfate EB-1 @ 11:38

Low-Flow Test Report:

Test Date / Time: 11/6/2024 3:06:18 PM

Project: GPC Plan Scherer CCR

Operator Name: Terrell Parker

Location Name: SCH-GWC-7 Latitude: 33.07379218287121 Longitude: -83.79427023239786 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 48.72 ft Total Depth: 58.72 ft Initial Depth to Water: 43.65 ft	Pump Type: QED Dedicated Bladder Tubing Type: LDPE Pump Intake From TOC: 53.72 ft Estimated Total Volume Pumped: 6 liter Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.39 ft	Instrument Used: Aqua TROLL 400 Serial Number: 968202
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Test Notes:

Weather Conditions:

Raining

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 1	+/- 5 %	+/- 0.2	+/- 5	+/- 15	+/- 0.3	
11/6/2024 3:06 PM	00:00	6.62 pH	21.61 °C	180.91 µS/cm	6.66 mg/L	0.20 NTU	110.2 mV	43.65 ft	200.00 ml/min
11/6/2024 3:11 PM	05:00	6.56 pH	20.38 °C	182.03 µS/cm	6.72 mg/L	0.58 NTU	122.6 mV	43.97 ft	200.00 ml/min
11/6/2024 3:16 PM	10:00	6.54 pH	20.30 °C	187.33 µS/cm	6.53 mg/L	0.59 NTU	97.7 mV	44.04 ft	200.00 ml/min
11/6/2024 3:21 PM	15:00	6.53 pH	20.42 °C	185.46 µS/cm	6.36 mg/L	0.49 NTU	117.9 mV	44.04 ft	200.00 ml/min
11/6/2024 3:26 PM	20:00	6.52 pH	20.43 °C	186.13 µS/cm	6.33 mg/L	0.44 NTU	96.4 mV	44.04 ft	200.00 ml/min
11/6/2024 3:31 PM	25:00	6.52 pH	20.32 °C	185.78 µS/cm	6.31 mg/L	0.55 NTU	94.2 mV	44.04 ft	200.00 ml/min
11/6/2024 3:36 PM	30:00	6.51 pH	20.29 °C	185.49 µS/cm	6.30 mg/L	0.58 NTU	94.0 mV	44.04 ft	200.00 ml/min

Samples

Sample ID:	Description:
SCH-GWC-7	Groundwater @ 15:40

Low-Flow Test Report:

Test Date / Time: 11/6/2024 2:55:42 PM

Project: SCS Scherer (3)

Operator Name: LND

Location Name: SCH-GWC-9 Latitude: 33.07293069086324 Longitude: -83.79579766661281 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 10.25 ft Total Depth: 20.25 ft Initial Depth to Water: 7.14 ft	Pump Type: QED Dedicated Bladder Tubing Type: LDPE Pump Intake from TOC: 15 ft Estimated Total Volume Pumped: 3750 ml Flow Cell Volume: 90 ml Final Flow Rate: 150 ml/min Final Draw Down: 0.22 ft	Instrument Used: Aqua TROLL 400 Serial Number: 1080293
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 10	+/- 10	+/- 0.3	
11/6/2024 2:55 PM	00:00	6.61 pH	20.60 °C	238.02 µS/cm	2.19 mg/L	1.14 NTU	168.6 mV	7.32 ft	150.00 ml/min
11/6/2024 3:00 PM	05:00	6.60 pH	20.63 °C	231.90 µS/cm	2.13 mg/L	1.39 NTU	140.7 mV	7.34 ft	150.00 ml/min
11/6/2024 3:05 PM	10:00	6.59 pH	20.61 °C	224.70 µS/cm	2.15 mg/L	1.08 NTU	100.9 mV	7.36 ft	150.00 ml/min
11/6/2024 3:10 PM	15:00	6.59 pH	20.58 °C	221.39 µS/cm	2.22 mg/L	1.20 NTU	98.3 mV	7.36 ft	150.00 ml/min
11/6/2024 3:15 PM	20:00	6.58 pH	20.57 °C	220.52 µS/cm	2.21 mg/L	1.08 NTU	127.9 mV	7.36 ft	150.00 ml/min
11/6/2024 3:20 PM	25:00	6.58 pH	20.57 °C	220.99 µS/cm	2.24 mg/L	1.09 NTU	99.3 mV	7.36 ft	150.00 ml/min

Samples

Sample ID:	Description:
SCH-GWC-9	SCH-CELL1-FD-1

Low-Flow Test Report:

Test Date / Time: 11/7/2024 9:31:06 AM

Project: GPC Plant Scherer

Operator Name: Terrell Parker

Location Name: SCH-GWA-45 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 26 ft Total Depth: 36 ft Initial Depth to Water: 20.22 ft	Pump Type: QED Dedicated Bladder Tubing Type: LDPE Pump Intake From TOC: 31 ft Estimated Total Volume Pumped: 5 liter Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.83 ft	Instrument Used: Aqua TROLL 400 Serial Number: 968202
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Test Notes:

Also collected field dup: SCH-PAC-FD-1

Weather Conditions:

Overcast

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 1	+/- 5 %	+/- 0.2	+/- 5	+/- 15	+/- 0.3	
11/7/2024 9:31 AM	00:00	6.29 pH	21.32 °C	426.09 µS/cm	1.05 mg/L	11.60 NTU	160.5 mV	20.22 ft	200.00 ml/min
11/7/2024 9:36 AM	05:00	6.20 pH	20.20 °C	438.15 µS/cm	0.61 mg/L	4.84 NTU	132.3 mV	21.05 ft	200.00 ml/min
11/7/2024 9:41 AM	10:00	6.19 pH	20.07 °C	438.37 µS/cm	0.42 mg/L	3.22 NTU	116.4 mV	21.05 ft	200.00 ml/min
11/7/2024 9:46 AM	15:00	6.18 pH	20.01 °C	438.10 µS/cm	0.40 mg/L	2.33 NTU	106.6 mV	21.05 ft	200.00 ml/min
11/7/2024 9:51 AM	20:00	6.19 pH	20.01 °C	436.64 µS/cm	0.37 mg/L	1.88 NTU	100.2 mV	21.05 ft	200.00 ml/min
11/7/2024 9:56 AM	25:00	6.19 pH	20.03 °C	435.11 µS/cm	0.34 mg/L	1.07 NTU	95.6 mV	21.05 ft	200.00 ml/min

Samples

Sample ID:	Description:
SCH-GWA-45	SCH-PAC-EB-1

Low-Flow Test Report:

Test Date / Time: 11/7/2024 11:10:12 AM

Project: GPC Plant Scherer

Operator Name: Terrell Parker

Location Name: SCH-GWC-53 Latitude: 33.07955352592569 Longitude: -83.80316049799677 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 22.8 ft Total Depth: 32.8 ft Initial Depth to Water: 12.97 ft	Pump Type: QED Dedicated Bladder Tubing Type: LDPE Pump Intake From TOC: 24.19 ft Estimated Total Volume Pumped: 3.75 liter Flow Cell Volume: 90 ml Final Flow Rate: 150 ml/min Final Draw Down: 0.28 ft	Instrument Used: Aqua TROLL 400 Serial Number: 968202
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Test Notes:

Collected field blank SCH-PAC-FB-1

Weather Conditions:

Overcast

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 1	+/- 5 %	+/- 0.2	+/- 5	+/- 15	+/- 0.3	
11/7/2024 11:10 AM	00:00	5.84 pH	21.02 °C	450.43 µS/cm	0.55 mg/L	0.25 NTU	122.0 mV	12.97 ft	150.00 ml/min
11/7/2024 11:15 AM	05:00	5.81 pH	19.85 °C	461.08 µS/cm	0.42 mg/L	0.35 NTU	130.5 mV	13.25 ft	150.00 ml/min
11/7/2024 11:20 AM	10:00	5.78 pH	20.01 °C	461.40 µS/cm	0.49 mg/L	0.47 NTU	103.1 mV	13.25 ft	150.00 ml/min
11/7/2024 11:25 AM	15:00	5.76 pH	19.98 °C	461.08 µS/cm	0.51 mg/L	0.40 NTU	98.7 mV	13.25 ft	150.00 ml/min
11/7/2024 11:30 AM	20:00	5.74 pH	20.07 °C	458.59 µS/cm	0.61 mg/L	0.37 NTU	118.7 mV	13.25 ft	150.00 ml/min
11/7/2024 11:35 AM	25:00	5.73 pH	20.10 °C	460.48 µS/cm	0.57 mg/L	0.36 NTU	98.0 mV	13.25 ft	150.00 ml/min

Samples

Sample ID:	Description:
SCH-GWC-53	Groundwater

APPENDIX A

**Instrument Calibration Forms
February 2024**

Site Name: Schrover

Field Instrumentation Calibration Form

Date: 2/20/24

Calibrated By: T. JOHNSON

Field Conditions: _____

Instrument	Manufacturer/ Model	Serial Number
Water Quality Meter	In-Situ Aquatroll	843593
Turbidity Meter	Hach 2100Q	21010201165

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4.490	2000244	5/24	Air
pH (SU)	4.00	21010201165	6/2024	Air
pH (SU)	7.00	23290139	4/2024	Air
pH (SU)	10.00	22116130	4/2024	Air
D.O. (%)	N/A	2000244	5/24	Air
ORP (mV)	228.0	21010201165	6/2024	Air

Calibration					
Time Start	Time Finish				
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4.490	4.3061	17.07	± 10% of standard	EPA 2023
pH (SU)	4.00	4.09	15.40	± 0.1	GWMP
pH (SU)	7.00	7.11	16.64	± 0.1	GWMP
pH (SU)	10.00	10.16	16.17	± 0.1	GWMP
D.O. (%)	N/A	96.58	4.15	± 10%	NA
ORP (mV)	228.0	246.8	7.03	± 10	EPA 2023

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	10	9.11	± 10% of standard	EPA 2023
	20	21.4		
	100	105		
	800	810		

Calibration Check					
Time Start	Time Finish				
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4.490	4.445.0	15.71	± 10% of standard	EPA 2023
pH (SU)	4.00	3.97	15.70	± 0.1	GWMP
pH (SU)	7.00	6.99	14.67	± 0.1	GWMP
pH (SU)	10.00	10.02	13.99	± 0.1	GWMP

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	10	8.34	± 10% of standard	EPA 2023
	20	20.1		
	100	110		
	800	815		

Notes:

Site Name: Schever
 Calibrated By: T. Johnson

Field Instrumentation Calibration Form

Date: 2/21/24
 Field Conditions: SUNNY

Instrument	Manufacturer/ Model	Serial Number
Water Quality Meter	In-Situ Aquatroll	843593
Turbidity Meter	Hach 2100Q	230400000154

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	2000074	5/24	AV ↓ ↓
pH (SU)	4.00	2000074	5/24	
pH (SU)	7.00	22290134	4/20/24	
pH (SU)	10.00	22110134	5/24	
D.O. (%)	N/A	2000074	5/24	
ORP (mV)	228.0	24002058	6/24	

Calibration					
Time Start	Time Finish				
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4605.6	8.5 / 4.76	± 10% of standard	EPA 2023
pH (SU)	4.00	4.04	5.01	± 0.1	GWMP
pH (SU)	7.00	7.01	6.93	± 0.1	GWMP
pH (SU)	10.00	10.14	7.94	± 0.1	GWMP
D.O. (%)	N/A	99.69	4.41	± 10%	NA
ORP (mV)	228.0	249.8	8.51	± 10	EPA 2023

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	10	10.1	± 10% of standard	EPA 2023
	20	20.1		
	100	97.8		
	800	789		

Calibration Check					
Time Start	Time Finish				
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4,616.2	17.90	± 10% of standard	EPA 2023
pH (SU)	4.00	4.11	15.87	± 0.1	GWMP
pH (SU)	7.00	7.07	16.73	± 0.1	GWMP
pH (SU)	10.00	10.08	15.82 / 15.14	± 0.1	GWMP

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	10	9.86	± 10% of standard	EPA 2023
	20	21.9		
	100	98.6		
	800	811		

Notes:

Site Name: Schenck

Field Instrumentation Calibration Form

Date: 2-22-24

Calibrated By: T. Johnson

Field Conditions: Cold/Sunny

Instrument	Manufacturer/ Model	Serial Number
Water Quality Meter	In-Situ Aquatroll	843593
Turbidity Meter	Hach 2100Q	23090P000159

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4.490	24000044	5/24	All ↓
pH (SU)	4.00	24000044	9/24	
pH (SU)	7.00	22200134	9/24	
pH (SU)	10.00	22110130	9/24	
D.O. (%)	N/A	24000044	5/24	
ORP (mV)	228.0	24002254	6/24	

Calibration					
Time Start	Time Finish				
<u>7:28</u>	<u>8:05</u>				
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4.490	4.376	8.00	± 10% of standard	EPA 2023
pH (SU)	4.00	3.73	7.96	± 0.1	GWMP
pH (SU)	7.00	6.41	9.44	± 0.1	GWMP
pH (SU)	10.00	10.14	10.56	± 0.1	GWMP
D.O. (%)	N/A	100.29	8.71	± 10%	NA
ORP (mV)	228.0	247.5	10.13	± 10	EPA 2023

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	10	10.1	± 10% of standard	EPA 2023
	20	18.4		
	100	100		
	800	809		

Calibration Check					
Time Start	Time Finish				
<u>12:05</u>	<u>12:15</u>				
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4.490	4.048	20.27	± 10% of standard	EPA 2023
pH (SU)	4.00	4.11	20.27	± 0.1	GWMP
pH (SU)	7.00	7.10	19.39	± 0.1	GWMP
pH (SU)	10.00	9.96	18.32	± 0.1	GWMP

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	10	9.78	± 10% of standard	EPA 2023
	20	18.7		
	100	102		
	800	808		

Notes:

Site Name: Schenck

Field Instrumentation Calibration Form

Date: 2-23-24

Field Conditions: 60°F - Rain

Calibrated By:

Instrument	Manufacturer/ Model	Serial Number
Water Quality Meter	In-Situ Aquatroll	843593
Turbidity Meter	Hach 2100Q	230800000159

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24000044	5/24	*IV ↓
pH (SU)	4.00	24000044	4/24	
pH (SU)	7.00	2240139	4/24	
pH (SU)	10.00	22110130	4/24	
D.O. (%)	N/A	24000044	5/24	
ORP (mV)	228.0	24002255	0/24	

Calibration						
Time Start	Time Finish					
0727	0751					
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference	
Specific Conductance (µS/cm)	4,490	4,481.0	17.93	± 10% of standard	EPA 2023	
pH (SU)	4.00	4.12	18.08	± 0.1	GWMP	
pH (SU)	7.00	7.03	17.90	± 0.1	GWMP	
pH (SU)	10.00	10.04	18.01	± 0.1	GWMP	
D.O. (%)	N/A	100.53	17.40	± 10%	NA	
ORP (mV)	228.0	234.8	17.84	± 10	EPA 2023	

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	10	10.1	± 10% of standard	EPA 2023
	20	19.0		
	100	91.5		
	800	81		

Calibration Check						
Time Start	Time Finish					
1058	1014					
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference	
Specific Conductance (µS/cm)	4,490	4,504.9	17.14	± 10% of standard	EPA 2023	
pH (SU)	4.00	4.09	17.68	± 0.1	GWMP	
pH (SU)	7.00	7.02	17.09	± 0.1	GWMP	
pH (SU)	10.00	10.00	16.92	± 0.1	GWMP	

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	10	10.1	± 10% of standard	EPA 2023
	20	20.4		
	100	100		
	800	831		

Notes:

Site Name: Schever
 Calibrated By: T Johnson

Field Instrumentation Calibration Form

Date: 2/26/24
 Field Conditions: Sunny

Instrument	Manufacturer/ Model	Serial Number
Water Quality Meter	In-Situ Aquatroll	843593
Turbidity Meter	Hach 2100Q	230801000159

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24000044	5/24	Aiv ↓
pH (SU)	4.00	24000044	6/24	
pH (SU)	7.00	22290139	4/24	
pH (SU)	10.00	22110150	4/24	
D.O. (%)	N/A	24000044	6/24	
ORP (mV)	228.0	24002254	6/24	

Calibration						
Time Start		Time Finish				
9:10		9:55				
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference	
Specific Conductance (µS/cm)	4,490	4,416.2	14.08	± 10% of standard	EPA 2023	
pH (SU)	4.00	4.00 (4.02)	14.07	± 0.1	GWMP	
pH (SU)	7.00	7.01	14.26	± 0.1	GWMP	
pH (SU)	10.00	10.09	14.28	± 0.1	GWMP	
D.O. (%)	N/A	45.80	15.43	± 10%	NA	
ORP (mV)	228.0	228.0	14.31	± 10	EPA 2023	

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	10	20.7	± 10% of standard	EPA 2023
	20	20.7		
	100	102		
	800	765		

Calibration Check						
Time Start		Time Finish				
13:05		13:21				
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference	
Specific Conductance (µS/cm)	4,490	4,386.8	14.84	± 10% of standard	EPA 2023	
pH (SU)	4.00	4.89	14.82	± 0.1	GWMP	
pH (SU)	7.00	7.02	14.3	± 0.1	GWMP	
pH (SU)	10.00	10.02	14.62	± 0.1	GWMP	

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	10	9.99	± 10% of standard	EPA 2023
	20	20.4		
	100	101		
	800	107		

Notes:
 PH 4 → 4.02
 PH 7 → 7.01
 PH 10 → 10.09

[Handwritten signature]

Site Name: Shorey
 Calibrated By: T. Johnson

Field Instrumentation Calibration Form

Date: 2/27/24

Field Conditions: cloudy

Instrument	Manufacturer/ Model	Serial Number
Water Quality Meter	In-Situ Aquatroll	8435943
Turbidity Meter	Hach 2100Q	230800000154

Calibration Standard Information					
Parameter	Standard	Lot #	Date of Expiration	Brand	
Specific Conductance (µS/cm)	4,490	2400044	5/24		AY ↓
pH (SU)	4.00	2400044	5/24		
pH (SU)	7.00	2224039	4/24		
pH (SU)	10.00	2211030	4/24		
D.O. (%)	N/A	2400091	5/24		
ORP (mV)	228.0	24002254	6/24		

Calibration					
Time Start	Time Finish				
<u>7:20</u>	<u>7:50</u>				
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4473.7	16.83	± 10% of standard	EPA 2023
pH (SU)	4.00	4.05	16.99	± 0.1	GWMP
pH (SU)	7.00	7.01	17.32	± 0.1	GWMP
pH (SU)	10.00	10.05	17.68	± 0.1	GWMP
D.O. (%)	N/A	101.92	17.18	± 10%	NA
ORP (mV)	228.0	221.7	17.63	± 10	EPA 2023

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	10	10.0	± 10% of standard	EPA 2023
	20	20.0		
	100	102		
	800	800		

Calibration Check					
Time Start	Time Finish				
<u>14:05</u>	<u>14:22</u>				
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4,541.8	20.04	± 10% of standard	EPA 2023
pH (SU)	4.00	4.07	20.13	± 0.1	GWMP
pH (SU)	7.00	7.06	19.76	± 0.1	GWMP
pH (SU)	10.00	10.00	19.32	± 0.1	GWMP

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	10	10.1	± 10% of standard	EPA 2023
	20	20.7		
	100	97.6		
	800	746		

Notes:

PH 4 - 4.03 @ 16.99
 PH 7 - 7.01 17.32
 PH 10 - 10.05 17.68

NTU - 20.0
 T ~~130~~ 102
 800

~~Recalibrated Turbidity @ 14:05~~
 value to (Note at menu)

101
 20
 100
 800

Recalibrated Conductivity @
~~4,491.3~~ 14:12
 4,491.3
 Temp @ 20.08

Site Name: Schevey

Field Instrumentation Calibration Form

Date: 2/28/24

Calibrated By: T. JOHNSON

Field Conditions: Overcast

Instrument	Manufacturer/ Model	Serial Number
Water Quality Meter	In-Situ Aquatroll	943593
Turbidity Meter	Hach 2100Q	23080D000159

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	2400044	5/24	A.V ↓ V
pH (SU)	4.00	2400044	5/24	
pH (SU)	7.00	22290139	4/24	
pH (SU)	10.00	22110130	4/24	
D.O. (%)	N/A	2400044	5/24	
ORP (mV)	228.0	24002258	6/24	

Calibration					
Time Start	Time Finish				
<u>0715</u>	<u>1:50</u>				
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4,491.7	18.15	± 10% of standard	EPA 2023
pH (SU)	4.00	4.08	18.88	± 0.1	GWMP
pH (SU)	7.00	7.05	18.97	± 0.1	GWMP
pH (SU)	10.00	10.04	18.52	± 0.1	GWMP
D.O. (%)	N/A	99.47	18.52	± 10%	NA
ORP (mV)	228.0	223.5	19.29	± 10	EPA 2023

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	10	10.1	± 10% of standard	EPA 2023
	20	20.0		
	100	106		
	800	768		

Calibration Check					
Time Start	Time Finish				
<u>1319</u>	<u>1:50</u>				
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4,432.9	23.34	± 10% of standard	EPA 2023
pH (SU)	4.00	4.03	23.76	± 0.1	GWMP
pH (SU)	7.00	7.00	22.41	± 0.1	GWMP
pH (SU)	10.00	9.96	21.27	± 0.1	GWMP

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	10	10.3	± 10% of standard	EPA 2023
	20	20.4		
	100	96.7		
	800	854		

Notes:

NTU
20.0
106
~~433~~

Site Name: Scherer
 Calibrated By: T. JOHNSON

Field Instrumentation Calibration Form

Date: 2/29/24
 Field Conditions: COB

Instrument	Manufacturer/ Model	Serial Number
Water Quality Meter	In-Situ Aquatroll	843595
Turbidity Meter	Hach 2100Q	23080000159

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4.490	2400044	5/24	Aix ↓
pH (SU)	4.00	2100044	5/24	
pH (SU)	7.00	2100139	4/24	
pH (SU)	10.00	22110130	4/24	
D.O. (%)	N/A	2400044	5/24	
ORP (mV)	228.0	24002258	4/24	

Calibration					
Time Start		Time Finish			
715		740			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4.490	4.494.0	11.51	± 10% of standard	EPA 2023
pH (SU)	4.00	3.95	11.85	± 0.1	GWMP
pH (SU)	7.00	6.97	12.44	± 0.1	GWMP
pH (SU)	10.00	10.04	13.13	± 0.1	GWMP
D.O. (%)	N/A	99.04	12.97	± 10%	NA
ORP (mV)	228.0	229.1	13.30	± 10	EPA 2023

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	10	10.7		
	20	20.7		
	100	94.5		
	800	740		
			± 10% of standard	EPA 2023

Calibration Check					
Time Start		Time Finish			
1340		1350			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4.490	4.421.6	17.41	± 10% of standard	EPA 2023
pH (SU)	4.00	4.03	17.19	± 0.1	GWMP
pH (SU)	7.00	7.03	16.23	± 0.1	GWMP
pH (SU)	10.00	10.00	15.01	± 0.1	GWMP

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	10	11.7		
	20	21.4		
	100	101		
	800	854		
			± 10% of standard	EPA 2023

Notes:

Site Name: Schenck
 Calibrated By: Johnson

Field Instrumentation Calibration Form

Date: 3/1/24
 Field Conditions: Rainy, Cold

Instrument	Manufacturer/ Model	Serial Number
Water Quality Meter	In-Situ Aquatroll	843593
Turbidity Meter	Hach 2100Q	23080000159

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	240044	6/24	A1Y ↓
pH (SU)	4.00	2470044	5/24	
pH (SU)	7.00	2290130	4/24	
pH (SU)	10.00	23110150	4/24	
D.O. (%)	N/A	2400044	5/24	
ORP (mV)	228.0	24002352	4/24	

Calibration					
Time Start	Time Finish				
7:20	8:00				
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4,473.8	10.2	± 10% of standard	EPA 2023
pH (SU)	4.00	4.04	10.36	± 0.1	GWMP
pH (SU)	7.00	7.02	11.12	± 0.1	GWMP
pH (SU)	10.00	10.06	11.7	± 0.1	GWMP
D.O. (%)	N/A	101.24	11.72	± 10%	NA
ORP (mV)	228.0	231.9	11.1	± 10	EPA 2023

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	10	10.5		
	20	20.5		
	100	104		
	800	742		

Calibration Check					
Time Start	Time Finish				
9:50	10:15				
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4,435.2	10.00	± 10% of standard	EPA 2023
pH (SU)	4.00	4.58	10.01	± 0.1	GWMP
pH (SU)	7.00	7.01	4.46	± 0.1	GWMP
pH (SU)	10.00	10.22	9.44	± 0.1	GWMP

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	10	10.5		
	20	20.5		
	100	104		
	800	742		

Notes:

~~#1~~ ~~20.2~~ 14.3 #2 10.5
~~20~~ ~~20.2~~ 20.7 19.4
 100 104
~~800~~ 20. 109 742
 10 13.5 83.2

Relat PH @ 09:57
 4.00 = 4.11 8.20
 7.00 = 7.05 8.41
 10.00 = 10.10 8.65

11/20

Site Name: Schur
Johnson

Field Instrumentation Calibration Form

Date: 3/14/24
 Field Conditions: 61° cloudy

Instrument	Manufacturer/ Model	Serial Number
Water Quality Meter	In-Situ Aquatroll	<u>443593</u>
Turbidity Meter	Hach 2100Q	230800000775 <u>159</u>

231000000775 ^{TJ} 159

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	<u>2400044</u>	<u>5/24</u>	↓
pH (SU)	4.00	<u>2400044</u>	<u>4/24</u>	
pH (SU)	7.00	<u>2400044</u>	<u>4/24</u>	
pH (SU)	10.00	<u>22110130</u>	<u>4/24</u>	
D.O. (%)	N/A	<u>2400044</u>	<u>5/24</u>	
ORP (mV)	228.0	<u>2400044</u>	<u>4/24</u>	

Calibration					
Time Start	Time Finish				
<u>930</u>	<u>1031</u>				
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	<u>4481.1</u>	<u>15.61</u>	± 10% of standard	EPA 2023
pH (SU)	4.00	<u>3.93</u>	<u>15.45</u>	± 0.1	GWMP
pH (SU)	7.00	<u>7.01</u>	<u>15.41</u>	± 0.1	GWMP
pH (SU)	10.00	<u>10.09</u>	<u>15.43</u>	± 0.1	GWMP
D.O. (%)	N/A	<u>99.70</u>	<u>15.46</u>	± 10%	NA
ORP (mV)	228.0	<u>226.8</u>	<u>15.43</u>	± 10	EPA 2023

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	10	<u>10.2</u>		
	20	<u>18.8</u>		
	100	<u>109</u>		
	800	<u>872</u>		

Calibration Check					
Time Start	Time Finish				
<u>1320</u>	<u>1330</u>				
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	<u>4499.9</u>	<u>18.70</u>	± 10% of standard	EPA 2023
pH (SU)	4.00	<u>4.05</u>	<u>18.54</u>	± 0.1	GWMP
pH (SU)	7.00	<u>7.05</u>	<u>18.40</u>	± 0.1	GWMP
pH (SU)	10.00	<u>10.0</u>		± 0.1	GWMP

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	10	<u>9.81</u>		
	20	<u>20.9</u>		
	100	<u>103</u>		
	800	<u>810</u>		

Notes:

PH4 3.67 4.03 3.93
 PH7 6.92 7.05 7.01
 PH10 10.07 10.12 10.09

Relat specific conductance
4492.4

NTU 10 7.18 7.80
 20 20.4 18.0
 100 95.6 110
 800 877 800 794

Site Name: Scherer

Field Instrumentation Calibration Form

Date: 2/22/24

Calibrated By: P. Wan

Field Conditions: clear, cold

Instrument	Manufacturer/ Model	Serial Number
Water Quality Meter	In-Situ Aquatroll	1080297
Turbidity Meter	Hach 2100Q	231000000368

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24005593	11/2024	AST
pH (SU)	4.00	11	11	"
pH (SU)	7.00	24005597	"	"
pH (SU)	10.00	24004996	"	"
D.O. (%)	N/A			
ORP (mV)	228.0	24006403	"	"

Calibration					
Time Start <u>0735</u>		Time Finish <u>0752</u>			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4452.4	16.50	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	16.78	± 0.1	GWMP
pH (SU)	7.00	7.04	16.59	± 0.1	GWMP
pH (SU)	10.00	10.09	16.73	± 0.1	GWMP
D.O. (%)	N/A	100.20	16.10	± 10%	NA
ORP (mV)	228.0	226.5	16.82	± 10	EPA 2023

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	10	10.3		
	20	19.9		
	100	101		
	800	790		

Calibration Check					
Time Start <u>1250</u>		Time Finish <u>1300</u>			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4410.2	24.59	± 10% of standard	EPA 2023
pH (SU)	4.00	4.05	24.59	± 0.1	GWMP
pH (SU)	7.00	7.03	23.08	± 0.1	GWMP
pH (SU)	10.00	10.00	22.42	± 0.1	GWMP

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	10	10.6		
	20	20.6		
	100	98.5		
	800	770		

Notes:

4.00
16.38
7.04
16.59
10.09
16.73

Site Name: Scheler

Field Instrumentation Calibration Form

Date: 2/23/24

Calibrated By: P. Wain

Field Conditions: Rainy 60°F

Instrument	Manufacturer/ Model	Serial Number
Water Quality Meter	In-Situ Aquatroll	1080247
Turbidity Meter	Hach 2100Q	23100000368

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24005593	11/2024	APR
pH (SU)	4.00	"	"	"
pH (SU)	7.00	24003597	"	"
pH (SU)	10.00	24004996	"	"
D.O. (%)	N/A			
ORP (mV)	228.0	24006403	"	"

Calibration					
Time Start		Time Finish			
0719		0735			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4535.1	18.45	± 10% of standard	EPA 2023
pH (SU)	4.00	4.03	18.44	± 0.1	GWMP
pH (SU)	7.00	7.01	18.88	± 0.1	GWMP
pH (SU)	10.00	10.07	19.18	± 0.1	GWMP
D.O. (%)	N/A	100.05	18.82	± 10%	NA
ORP (mV)	228.0	223.4	19.27	± 10	EPA 2023

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	10	10.5		
	20	19.9		
	100	96.1		
	800	309		
			± 10% of standard	EPA 2023

Calibration Check					
Time Start		Time Finish			
1100		1110			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4399.0	20.12	± 10% of standard	EPA 2023
pH (SU)	4.00	4.10	20.12	± 0.1	GWMP
pH (SU)	7.00	7.02	21.58	± 0.1	GWMP
pH (SU)	10.00	10.01	22.53	± 0.1	GWMP

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	10	10.6		
	20	20.4		
	100	102		
	800	361		
			± 10% of standard	EPA 2023

Notes:

4.03
18.44
7.01
18.88
10.07
19.18

Site Name: Scherer

Field Instrumentation Calibration Form

Date: 2/26/24

Calibrated By: P. Wani

Field Conditions: Clear 50°F

Instrument	Manufacturer/ Model	Serial Number
Water Quality Meter	In-Situ Aquatroll	1080297
Turbidity Meter	Hach 2100Q	231000000368

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24005503	11/2024	AIR
pH (SU)	4.00	//	//	AIR
pH (SU)	7.00	24003597	//	AIR
pH (SU)	10.00	24004986	//	AIR
D.O. (%)	N/A			
ORP (mV)	228.0	24006903	//	AIR

Calibration					
Time Start		Time Finish			
0915		0930			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4596.8	9.43	± 10% of standard	EPA 2023
pH (SU)	4.00	4.03	11.48	± 0.1	GWMP
pH (SU)	7.00	7.06	11.52	± 0.1	GWMP
pH (SU)	10.00	10.09	11.62	± 0.1	GWMP
D.O. (%)	N/A	100.98	12.04	± 10%	NA
ORP (mV)	228.0	227.6	11.65	± 10	EPA 2023

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	10	9.61		
	20	20.6		
	100	101		
	800	799		
			± 10% of standard	EPA 2023

Calibration Check					
Time Start		Time Finish			
1305		1310			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4509.3	22.71	± 10% of standard	EPA 2023
pH (SU)	4.00	4.07	22.71	± 0.1	GWMP
pH (SU)	7.00	6.97	21.23	± 0.1	GWMP
pH (SU)	10.00	10.00	21.12	± 0.1	GWMP

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	10	10.0		
	20	19.6		
	100	103		
	800	785		
			± 10% of standard	EPA 2023

Notes:

4.05 7.05 10.4
 4.48 10.13 10.67

 4.06 7.06 10.13
 10.73 10.91 11.27

 4.04 7.06 10.13
 11.20 11.27 11.56

 4.03 7.06 10.09
 11.48 11.52 11.62

Site Name: Scherer

Field Instrumentation Calibration Form

Date: 2/28/24

Calibrated By: P. Wani

Field Conditions: Clear 50°F

Instrument	Manufacturer/ Model	Serial Number
Water Quality Meter	In-Situ Aquatroll	1080297
Turbidity Meter	Hach 2100Q	731000000368

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	240056a3	11/2024	ALC
pH (SU)	4.00	11	"	"
pH (SU)	7.00	24003597	"	"
pH (SU)	10.00	24004496	"	"
D.O. (%)	N/A			
ORP (mV)	228.0	211006903	"	"

Calibration					
Time Start		Time Finish			
0725					
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4409.3	17.27	± 10% of standard	EPA 2023
pH (SU)	4.00	3.94	17.29	± 0.1	GWMP
pH (SU)	7.00	7.01	18.01	± 0.1	GWMP
pH (SU)	10.00	10.05	18.42	± 0.1	GWMP
D.O. (%)	N/A	99.06	18.51	± 10%	NA
ORP (mV)	228.0	228.0	18.64	± 10	EPA 2023

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	10	10.0		
	20	19.3		
	100	104		
	800	791		
		± 10% of standard	EPA 2023	

Calibration Check					
Time Start		Time Finish			
1200					
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4452.4	19.51	± 10% of standard	EPA 2023
pH (SU)	4.00	4.07	19.51	± 0.1	GWMP
pH (SU)	7.00	6.94	19.24	± 0.1	GWMP
pH (SU)	10.00	10.04	19.23	± 0.1	GWMP

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	10	10.5		
	20	20.4		
	100	97.3		
	800	825		
		± 10% of standard	EPA 2023	

Notes:

3.94
17.29
7.01
18.01
10.05
18.42

Site Name: Scheerer

Field Instrumentation Calibration Form

Date: 2/28/21

Calibrated By: P. W. C. H. I.

Field Conditions: Cloudy 60°F

Instrument	Manufacturer/ Model	Serial Number
Water Quality Meter	In-Situ Aquatrol	1080297
Turbidity Meter	Hach 2100Q	23100000368

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24005593	11/2024	AIQ
pH (SU)	4.00	"	"	"
pH (SU)	7.00	24003597	"	"
pH (SU)	10.00	24004996	"	"
D.O. (%)	N/A	"	"	"
ORP (mV)	228.0	24006903	"	"

Calibration					
Time Start <u>0720</u>		Time Finish <u>0740</u>			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4463.5	16.44	± 10% of standard	EPA 2023
pH (SU)	4.00	4.02	16.47	± 0.1	GWMP
pH (SU)	7.00	7.02	16.74	± 0.1	GWMP
pH (SU)	10.00	10.05	16.96	± 0.1	GWMP
D.O. (%)	N/A	99.99	17.32	± 10%	NA
ORP (mV)	228.0	230.1	17.08	± 10	EPA 2023

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	10	10.1		
	20	20.2		
	100	100.98.3		
	800	809.801		
			± 10% of standard	EPA 2023

Calibration Check					
Time Start <u>1134</u>		Time Finish <u>1145</u>			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4374.5	22.22	± 10% of standard	EPA 2023
pH (SU)	4.00	4.08	22.22	± 0.1	GWMP
pH (SU)	7.00	7.02	20.25	± 0.1	GWMP
pH (SU)	10.00	9.94	20.16	± 0.1	GWMP

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	10	10.4		
	20	20.3		
	100	98.5		
	800	764		
			± 10% of standard	EPA 2023

Notes:

Site Name: Scherer

Field Instrumentation Calibration Form

Date: 2/29/24

Calibrated By: Dwan

Field Conditions: Cloudy

Instrument	Manufacturer/ Model	Serial Number
Water Quality Meter	In-Situ Aquatroll	30801a7
Turbidity Meter	Hach 2100Q	231000000368

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24005593	11/2024	HIR
pH (SU)	4.00	"	"	"
pH (SU)	7.00	24003597	"	"
pH (SU)	10.00	24004996	"	"
D.O. (%)	N/A			
ORP (mV)	228.0	24006403	"	"

Calibration					
Time Start	0710	Time Finish	0735		
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4172.2	17.05	± 10% of standard	EPA 2023
pH (SU)	4.00	4.03	16.99	± 0.1	GWMP
pH (SU)	7.00	6.99	17.48	± 0.1	GWMP
pH (SU)	10.00	9.99	17.81	± 0.1	GWMP
D.O. (%)	N/A	99.15	16.68	± 10%	NA
ORP (mV)	228.0	225.6	17.84	± 10	EPA 2023

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	10	9.97		
	20	19.9		
	100	98.8		
	800	791		

Calibration Check					
Time Start	1320	Time Finish	1326		
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4535.7	17.88	± 10% of standard	EPA 2023
pH (SU)	4.00	4.08	14.88	± 0.1	GWMP
pH (SU)	7.00	7.05	14.76	± 0.1	GWMP
pH (SU)	10.00	10.06	14.71	± 0.1	GWMP

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	10	10.5		
	20	20.6		
	100	101		
	800	794		

Notes:

16.99 17.48 17.81
 4.03 6.99 9.99

Site Name: Severer

Field Instrumentation Calibration Form

Date: 3/1/24

Calibrated By: D. John

Field Conditions: Rainy

Instrument	Manufacturer/ Model	Serial Number
Water Quality Meter	In-Situ Aquatroll	1030297
Turbidity Meter	Hach 2100Q	231000000368

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24005543	11/2024	A30
pH (SU)	4.00	"	"	"
pH (SU)	7.00	24003597	"	"
pH (SU)	10.00	24004946	"	"
D.O. (%)	N/A			
ORP (mV)	228.0	24006903	"	"

Calibration					
Time Start	Time Finish				
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4440.4	17.57	± 10% of standard	EPA 2023
pH (SU)	4.00	4.02	17.54	± 0.1	GWMP
pH (SU)	7.00	7.02	17.74	± 0.1	GWMP
pH (SU)	10.00	10.03	17.97	± 0.1	GWMP
D.O. (%)	N/A	100.44	17.13	± 10%	NA
ORP (mV)	228.0	227.5	17.02	± 10	EPA 2023

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	10	9.40		
	20	19.9		
	100	100		
	800	836		

Calibration Check					
Time Start	Time Finish				
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4438.5	17.24	± 10% of standard	EPA 2023
pH (SU)	4.00	4.08		± 0.1	GWMP
pH (SU)	7.00	7.06	10.63	± 0.1	GWMP
pH (SU)	10.00	10.09	10.94	± 0.1	GWMP

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	10	10.1		
	20	21.3		
	100	103		
	800	769		

Notes:

Site Name: SCHERER

Field Instrumentation Calibration Form

Date: 02/24/24

Calibrated By: M. MANN

Field Conditions: 31°/650 F CLR

Instrument	Manufacturer/ Model	Serial Number
Water Quality Meter	IN-SETV AQUATECH	083553
Turbidity Meter	HACH 2100Q	72090000344

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24002244	05/2024	AIR
pH (SU)	4.00	24000044	05/2024	AIR
pH (SU)	7.00	22290139	04/2024	AIR
pH (SU)	10.00	22110130	04/2024	AIR
D.O. (%)	N/A	-	-	-
ORP (mV)	228.0	24002258	06/2024	AIR

Calibration					
Time Start	0945	Time Finish	1010		
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4360.7	7.33	± 10% of standard	EPA 2023
pH (SU)	4.00	3.94	6.61	± 0.1	GWMP
pH (SU)	7.00	6.91	8.66	± 0.1	GWMP
pH (SU)	10.00	9.93	8.52	± 0.1	GWMP
D.O. (%)	N/A	105.90	9.34	± 10%	NA
ORP (mV)	228.0	227.7	8.14	± 10	EPA 2023

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	10	9.78		
	20	20.6		
	100	102		
	300	830		
			± 10% of standard	EPA 2023

Calibration Check					
Time Start	1415	Time Finish	1420		
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4238.1	10.11	± 10% of standard	EPA 2023
pH (SU)	4.00	3.92	18.11	± 0.1	GWMP
pH (SU)	7.00	6.93	16.47	± 0.1	GWMP
pH (SU)	10.00	10.00	15.63	± 0.1	GWMP

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	10	10.1		
	20	19.8		
	100	98.1		
	300	758		
			± 10% of standard	EPA 2023

Notes:

Site Name: SCHERER

Field Instrumentation Calibration Form

Date: 02/21/24

Calibrated By: MDM

Field Conditions: 46°F Sunny

Instrument	Manufacturer/ Model	Serial Number
Water Quality Meter	FN-5ITU AQUAPAR	883553
Turbidity Meter	HACH 2100 Q	22090000344

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24000844	05/2024	AIR
pH (SU)	4.00	24000444	05/2024	AIR
pH (SU)	7.00	22290139	04/2024	AIR
pH (SU)	10.00	22110130	04/2024	AIR
D.O. (%)	N/A			-
ORP (mV)	228.0	24002758	06/2024	AIR

Calibration					
Time Start	0940		Time Finish	0955	
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4444.2	11.70	± 10% of standard	EPA 2023
pH (SU)	4.00	4.03	11.86	± 0.1	GWMP
pH (SU)	7.00	6.92	12.08	± 0.1	GWMP
pH (SU)	10.00	10.03	11.99	± 0.1	GWMP
D.O. (%)	N/A	102.48	12.88	± 10%	NA
ORP (mV)	228.0	220.4	12.07	± 10	EPA 2023

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	10	9.84		
	20	19.8		
	100	49.7		
	200	78.6		
			± 10% of standard	EPA 2023

Calibration Check					
Time Start	1405		Time Finish	1415	
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4276.8	21.01	± 10% of standard	EPA 2023
pH (SU)	4.00	4.08	20.85	± 0.1	GWMP
pH (SU)	7.00	6.96	19.63	± 0.1	GWMP
pH (SU)	10.00	9.92	19.09	± 0.1	GWMP

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	10	10.6		
	20	20.8		
	100	101		
	200	77.8		
			± 10% of standard	EPA 2023

Notes:

Site Name: SCHERER
M. MANN

Field Instrumentation Calibration Form

Date: 02/22/24

Field Conditions: 39°F SUNNY

Calibrated By:

Instrument	Manufacturer/ Model	Serial Number
Water Quality Meter	IN-SITU ANALYTICAL	883553
Turbidity Meter	HANNA 2100 Q	22090700344

Calibration Standard Information				
Parameter	Standard	Lot#	Date of Expiration	Brand
Specific Conductance (µS/cm)	4.490	24000144	05/2024	AIR
pH (SU)	4.00	24000144	05/2024	AIR
pH (SU)	7.00	22240139	04/2024	AIR
pH (SU)	10.00	22189130	04/2024	AIR
D.O. (%)	N/A	-	-	-
ORP (mV)	228.0	24002258	06/2024	AIR

Calibration					
Time Start	Time Finish				
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4.490	4363.8	11.94	± 10% of standard	EPA 2023
pH (SU)	4.00	4.01	11.94	± 0.1	GWMP
pH (SU)	7.00	7.01	11.85	± 0.1	GWMP
pH (SU)	10.00	9.43	11.85	± 0.1	GWMP
D.O. (%)	N/A	99.85	11.79	± 10%	NA
ORP (mV)	228.0	228.3	11.62	± 10	EPA 2023

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	10	9.84		
	20	20.2		
	100	101		
	600	821		

Calibration Check					
Time Start	Time Finish				
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4.490	4387.4	20.89	± 10% of standard	EPA 2023
pH (SU)	4.00	4.06	20.57	± 0.1	GWMP
pH (SU)	7.00	7.02	19.37	± 0.1	GWMP
pH (SU)	10.00	9.97	19.22	± 0.1	GWMP

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	10	10.2		
	20	20.5		
	100	99.4		
	600	792		

Notes:

Site Name: SCHEFFER

Field Instrumentation Calibration Form

Date: 02/23/24

Calibrated By: MDM

Field Conditions: 5101 RAEN

Instrument	Manufacturer/ Model	Serial Number
Water Quality Meter	IN-SETU AQUATELLA	883553
Turbidity Meter	HACH 2100 Q	22090000348

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24000044	05/2024	AER
pH (SU)	4.00	24000044	05/2024	↓
pH (SU)	7.00	22290139	04/2024	
pH (SU)	10.00	22110130	04/2024	
D.O. (%)	N/A			
ORP (mV)	228.0	24002258	06/2024	

Calibration					
Time Start	Time Finish				
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4432.5	15.95	± 10% of standard	EPA 2023
pH (SU)	4.00	4.02	16.02	± 0.1	GWMP
pH (SU)	7.00	6.95	16.07	± 0.1	GWMP
pH (SU)	10.00	9.95	16.11	± 0.1	GWMP
D.O. (%)	N/A	22.1 99.96	16.30 16.24	± 10%	NA
ORP (mV)	228.0	220.1	16.30	± 10	EPA 2023

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	to 20	19.6		
	20 100	98.9		
	100 800	7.73		
	800 10	7.73 9.71	± 10% of standard	EPA 2023

Calibration Check					
Time Start	Time Finish				
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4280.1	22.05	± 10% of standard	EPA 2023
pH (SU)	4.00	4.05	22.22	± 0.1	GWMP
pH (SU)	7.00	7.02	21.09	± 0.1	GWMP
pH (SU)	10.00	9.91	20.86	± 0.1	GWMP

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	10	10.7		
	20	7.9		
	100	101		
	800	7.93	± 10% of standard	EPA 2023

Notes:

Site Name: SCURER

Field Instrumentation Calibration Form

Date: 02/26/24

Calibrated By: M. MANN

Field Conditions: 40°/63°F

Instrument	Manufacturer/ Model	Serial Number
Water Quality Meter	<u>HI-SSTU AQUATRA</u>	<u>88353</u>
Turbidity Meter	<u>HACH 2100 Q</u>	<u>22090000344</u>

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	<u>24000044</u>	<u>05/24</u>	
pH (SU)	4.00	<u>24000044</u>	<u>05/24</u>	
pH (SU)	7.00	<u>22290139</u>	<u>04/24</u>	
pH (SU)	10.00	<u>22110130</u>	<u>04/24</u>	
D.O. (%)	N/A	-	-	
ORP (mV)	228.0	<u>240007258</u>	<u>06/24</u>	

Calibration					
Time Start	9:50		Time Finish	10:15	
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	<u>4572.1</u>	<u>13.83</u>	± 10% of standard	EPA 2023
pH (SU)	4.00	<u>4.03</u>	<u>14.45</u>	± 0.1	GWMP
pH (SU)	7.00	<u>7.09</u>	<u>14.32</u>	± 0.1	GWMP
pH (SU)	10.00	<u>10.02</u>	<u>14.36</u>	± 0.1	GWMP
D.O. (%)	N/A	<u>92.58</u>	<u>14.26</u>	± 10%	NA
ORP (mV)	228.0	<u>14.40</u>	<u>228.6</u>	± 10	EPA 2023

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	10	<u>9.90</u>		
	20	<u>20.1</u>		
	100	<u>97.9</u>		
	300	<u>79.9</u>		

Calibration Check					
Time Start	15:30		Time Finish	15:40	
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	<u>4517.7</u>	<u>25.33</u>	± 10% of standard	EPA 2023
pH (SU)	4.00	<u>4.01</u>	<u>25.33</u>	± 0.1	GWMP
pH (SU)	7.00	<u>6.90</u>	<u>24.92</u>	± 0.1	GWMP
pH (SU)	10.00	<u>9.90</u>	<u>24.01</u>	± 0.1	GWMP

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	10	<u>10.5</u>		
	20	<u>20.5</u>		
	100	<u>102</u>		
	300	<u>78.0</u>		

Notes:

Site Name: PLANT SCHERER

Field Instrumentation Calibration Form

Date: 02/27/24

Calibrated By: M. MANN

Field Conditions: 540/730F

Instrument	Manufacturer/ Model	Serial Number
Water Quality Meter	In-Situ Aquatroll	883553
Turbidity Meter	Hach 2100Q	22090000344

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24000044	05/24	AIR
pH (SU)	4.00	24000044	05/24	↓
pH (SU)	7.00	22290134	04/24	
pH (SU)	10.00	22110130	04/24	
D.O. (%)	N/A	-	-	
ORP (mV)	228.0	24000258	06/24	

Calibration					
Time Start	Time Finish				
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4463.1	16.83	± 10% of standard	EPA 2023
pH (SU)	4.00	4.03	17.18	± 0.1	GWMP
pH (SU)	7.00	7.08	17.15	± 0.1	GWMP
pH (SU)	10.00	10.02	17.01	± 0.1	GWMP
D.O. (%)	N/A	99.49	17.09	± 10%	NA
ORP (mV)	228.0	222.4	17.10	± 10	EPA 2023

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	10	10.0		
	20	20.0		
	100	112		
	800	771		

Calibration Check					
Time Start	Time Finish				
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4578.8	20.34	± 10% of standard	EPA 2023
pH (SU)	4.00	4.09	20.34	± 0.1	GWMP
pH (SU)	7.00	7.08	20.46	± 0.1	GWMP
pH (SU)	10.00	10.04	20.40	± 0.1	GWMP

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	10	11.0		
	20	20.8		
	100	92.0		
	800	115		

Notes:

Site Name: SCRERER

Field Instrumentation Calibration Form

Date: 02/28/24

Calibrated By: M. MANN

Field Conditions: 46°/78° cloudy

Instrument	Manufacturer/ Model	Serial Number
Water Quality Meter	In-Situ Aquatroll	883533
Turbidity Meter	Hach 2100Q	27090000344

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4.490	24000044	05/24	AFR
pH (SU)	4.00	24000044	05/24	
pH (SU)	7.00	22240134	04/24	
pH (SU)	10.00	22110130	04/24	
D.O. (%)	N/A	-	-	
ORP (mV)	228.0	24002258	06/24	

Calibration					
Time Start	Time Finish				
0840					
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4.490	4583.6	17.68	± 10% of standard	EPA 2023
pH (SU)	4.00	4.06	17.68	± 0.1	GWMP
pH (SU)	7.00	6.94	17.73	± 0.1	GWMP
pH (SU)	10.00	9.93	17.84	± 0.1	GWMP
D.O. (%)	N/A	101.97	18.03	± 10%	NA
ORP (mV)	228.0	225.8	17.86	± 10	EPA 2023

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	10 20	19.9		
	20 100	91.7		
	100 800	830		
	800 10	10.0		

Calibration Check					
Time Start	Time Finish				
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4.490	4516.7	20.28	± 10% of standard	EPA 2023
pH (SU)	4.00	4.08	20.29	± 0.1	GWMP
pH (SU)	7.00	6.96	20.11	± 0.1	GWMP
pH (SU)	10.00	10.02	19.89	± 0.1	GWMP

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	10	10.4		
	20	20.1		
	100	95.7		
	800	732		

Notes:

Site Name: SCHERER

Field Instrumentation Calibration Form

Date: 02/29/24

Calibrated By: M. MANN

Field Conditions: _____

Instrument	Manufacturer/ Model	Serial Number
Water Quality Meter	In-Situ Aquatroll	883553
Turbidity Meter	Hach 2100Q	22090000349

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24000044	05/24	APR
pH (SU)	4.00	24000044	05/24	↓
pH (SU)	7.00	22290139	04/24	
pH (SU)	10.00	22110130	04/24	
D.O. (%)	N/A	-	-	
ORP (mV)	228.0	24002258	06/24	

Calibration					
Time Start	1335	Time Finish	1350		
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4369.7	14.40	± 10% of standard	EPA 2023
pH (SU)	4.00	3.87	14.42	± 0.1	GWMP
pH (SU)	7.00	6.96	14.43	± 0.1	GWMP
pH (SU)	10.00	10.01	14.42	± 0.1	GWMP
D.O. (%)	N/A	97.53	14.71	± 10%	NA
ORP (mV)	228.0	231.9	14.45	± 10	EPA 2023

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	10	9.80	± 10% of standard	EPA 2023
	20	20.3		
	100	101		
	800	798		

Calibration Check					
Time Start	1600	Time Finish	1605		
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4433.3	17.88	± 10% of standard	EPA 2023
pH (SU)	4.00	4.02	17.89	± 0.1	GWMP
pH (SU)	7.00	6.98	17.92	± 0.1	GWMP
pH (SU)	10.00	9.93	18.13	± 0.1	GWMP

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	10	10.2	± 10% of standard	EPA 2023
	20	19.8		
	100	104		
	800	798		

Notes:

Site Name: SCHEERER

Field Instrumentation Calibration Form

Date: 03/09/24

Calibrated By: MDM

Field Conditions: 43°/49° F RAJA

Instrument	Manufacturer/ Model	Serial Number
Water Quality Meter	In-Situ Aquatroll	8838 883553
Turbidity Meter	Hach 2100Q	22090000344

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24000044	05/24	
pH (SU)	4.00	24000044	03/24	
pH (SU)	7.00	22240139	04/24	
pH (SU)	10.00	22110130	04/24	
D.O. (%)	N/A	-	-	
ORP (mV)	228.0	24002258	06/24	

Calibration					
Time Start	Time Finish				
0720	1105				
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4446.8	16.29	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	14.25	± 0.1	GWMP
pH (SU)	7.00	6.96	14.08	± 0.1	GWMP
pH (SU)	10.00	9.94	13.49	± 0.1	GWMP
D.O. (%)	N/A	101.26	13.79	± 10%	NA
ORP (mV)	228.0	228.5	13.90	± 10	EPA 2023

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	10	10.1		
	20	20.6		
	100	103		
	800	823		
		± 10% of standard	EPA 2023	

Calibration Check					
Time Start	Time Finish				
1100	1105				
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4378.2	10.09	± 10% of standard	EPA 2023
pH (SU)	4.00	4.06	10.09	± 0.1	GWMP
pH (SU)	7.00	7.07	10.21	± 0.1	GWMP
pH (SU)	10.00	10.02	10.34	± 0.1	GWMP

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	10	10.7		
	20	20.2		
	100	103		
	800	814		
		± 10% of standard	EPA 2023	

Notes:

Site Name: SHERIFF

Field Instrumentation Calibration Form

Date: 03/09/24

Calibrated By: M. MANN

Field Conditions: 550 / 70°

Instrument	Manufacturer/ Model	Serial Number
Water Quality Meter	In-Situ Aquatroll	883553
Turbidity Meter	Hach 2100Q	22090700344

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	2400044	05/24	ATI
pH (SU)	4.00	2400044	05/24	
pH (SU)	7.00	2229013	04/24	
pH (SU)	10.00	2210130	04/24	
D.O. (%)	N/A	-	-	
ORP (mV)	228.0	2400256	06/24	

Calibration					
Time Start	Time Finish				
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4492.1	15.30	± 10% of standard	EPA 2023
pH (SU)	4.00	3.98	15.97	± 0.1	GWMP
pH (SU)	7.00	6.91	16.31	± 0.1	GWMP
pH (SU)	10.00	10.494	16.42	± 0.1	GWMP
D.O. (%)	N/A	99.04	16.31	± 10%	NA
ORP (mV)	228.0	223.5	16.16	± 10	EPA 2023

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	10	9.70	± 10% of standard	EPA 2023
	20	20.2		
	100	95.9		
	800	774		

Calibration Check					
Time Start	Time Finish				
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4323.8	20.00	± 10% of standard	EPA 2023
pH (SU)	4.00	4.08	20.04	± 0.1	GWMP
pH (SU)	7.00	6.93	19.87	± 0.1	GWMP
pH (SU)	10.00	9.94	19.72	± 0.1	GWMP

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	10	10.3	± 10% of standard	EPA 2023
	20	19.8		
	100	102		
	800	800		

Notes:

Site Name: SCHERER

Field Instrumentation Calibration Form

Date: 2/26/24

Calibrated By: M. WACHOB

Field Conditions: _____

Instrument	Manufacturer/ Model	Serial Number
Water Quality Meter	AQUA TRAIL 400	850735
Turbidity Meter	HACH 2100B	23100D000377

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4.490	24000044	05/24	AIR
pH (SU)	4.00	24000044	05/24	Air
pH (SU)	7.00	22290139	04/24	Air
pH (SU)	10.00	22110130	04/24	Air
D.O. (%)	N/A			
ORP (mV)	228.0	24002268	06/24	Air

Calibration					
Time Start	Time Finish				
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4.490	4.527.3	13.77	± 10% of standard	EPA 2023
pH (SU)	4.00	4.08	14.08	± 0.1	GWMP
pH (SU)	7.00	7.03	13.94	± 0.1	GWMP
pH (SU)	10.00	10.08	13.95	± 0.1	GWMP
D.O. (%)	N/A	102.66	13.14	± 10%	NA
ORP (mV)	228.0	228	13.57	± 10	EPA 2023

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	10	10.2		
	20	19.4		
	100	99.0		
	800	798		
			± 10% of standard	EPA 2023

Calibration Check					
Time Start	Time Finish				
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4.490	4260.3	22.10	± 10% of standard	EPA 2023
pH (SU)	4.00	4.08	22.10	± 0.1	GWMP
pH (SU)	7.00	7.05	18.99	± 0.1	GWMP
pH (SU)	10.00	10.06	17.94	± 0.1	GWMP

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	10	10.4		
	20	20.4		
	100	98.4		
	800	768		
			± 10% of standard	EPA 2023

Notes:

4	7	10
3.76 pH	6.81 pH	9.94 pH
13.78 °C	13.85 °C	14.13 °C
4.08 pH	7.04 pH	10.08
14.08 °C	13.94 °C	13.95 °C
4.00	7.03	10.10
13.85 °C	13.67 °C	13.77 °C

Site Name: SCHERER

Field Instrumentation Calibration Form

Date: 2/27/24

Calibrated By: M. WACHOB

Field Conditions: _____

Instrument	Manufacturer/ Model	Serial Number
Water Quality Meter	Aqua Troll 400	850735
Turbidity Meter	Hach	23100808373

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24000044	05/24	AIR
pH (SU)	4.00	24000044	05/24	↓
pH (SU)	7.00	2290139	04/24	
pH (SU)	10.00	22110130	04/24	
D.O. (%)	N/A			
ORP (mV)	228.0	24002258	06/24	

Calibration					
Time Start	Time Finish				
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4.01 4550.0	17.01	± 10% of standard	EPA 2023
pH (SU)	4.00	4.01	17.1	± 0.1	GWMP
pH (SU)	7.00	6.92	17.23	± 0.1	GWMP
pH (SU)	10.00	9.99	17.34	± 0.1	GWMP
D.O. (%)	N/A	100.64	16.74	± 10%	NA
ORP (mV)	228.0	222.6	16.95	± 10	EPA 2023

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	10	10.3		
	20	19.9		
	100	99.9		
	800	784		

Calibration Check					
Time Start	Time Finish				
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4482	18.17	± 10% of standard	EPA 2023
pH (SU)	4.00	4.10	18.21	± 0.1	GWMP
pH (SU)	7.00	6.99	18.17	± 0.1	GWMP
pH (SU)	10.00	10.03	18.12	± 0.1	GWMP

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	10	10.1		
	20	19.5		
	100	99.0		
	800	787		

Notes:

4.01	6.92	9.99	100.64	4.13	7.11	10.12
17.1	17.23	17.34	16.74	18.43	18.34	18.18
	20.4	100	791			
10.3	19.9	99.9	704	4.10	6.99	10.03
				18.21	18.17	18.12
4.09						
19.32						
10.1	19.5	99.0	787			

Site Name: SCHERER

Field Instrumentation Calibration Form

Date: 2/28/24

Calibrated By: M. WACH 013

Field Conditions: _____

Instrument	Manufacturer/ Model	Serial Number
Water Quality Meter	<u>Aqua Troll 400</u>	<u>850735</u>
Turbidity Meter	<u>hech</u>	<u>23100000378</u>

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4.490	<u>2400044</u>	<u>05/24</u>	<u>AIR</u>
pH (SU)	4.00	<u>2400044</u>	<u>05/24</u>	↓
pH (SU)	7.00	<u>2290139</u>	<u>04/24</u>	
pH (SU)	10.00	<u>2210130</u>	<u>04/24</u>	
D.O. (%)	N/A			
ORP (mV)	228.0	<u>2400258</u>	<u>06/24</u>	

Calibration					
Time Start	Time Finish				
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4.490	<u>4.096</u>	<u>17.81</u>	± 10% of standard	EPA 2023
pH (SU)	4.00	<u>3.98</u>	<u>17.65</u>	± 0.1	GWMP
pH (SU)	7.00	<u>6.94</u>	<u>17.80</u>	± 0.1	GWMP
pH (SU)	10.00	<u>10.00</u>	<u>17.81</u>	± 0.1	GWMP
D.O. (%)	N/A	<u>98.48</u>	<u>17.79</u>	± 10%	NA
ORP (mV)	228.0	<u>225.9</u>	<u>17.81</u>	± 10	EPA 2023

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	<u>10</u>	<u>9.96</u>		
	<u>20</u>	<u>20.2</u>		
	<u>100</u>	<u>99.7</u>		
	<u>800</u>	<u>804</u>		
		± 10% of standard	EPA 2023	

Calibration Check					
Time Start	Time Finish				
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4.490	<u>4350.3</u>	<u>22.40</u>	± 10% of standard	EPA 2023
pH (SU)	4.00	<u>4.06</u>	<u>22.40</u>	± 0.1	GWMP
pH (SU)	7.00	<u>7.07</u>	<u>22.36</u>	± 0.1	GWMP
pH (SU)	10.00	<u>10.01</u>	<u>22.01</u>	± 0.1	GWMP

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	<u>10</u>	<u>9.98</u>		
	<u>20</u>	<u>19.80</u>		
	<u>100</u>	<u>97.9</u>		
	<u>800</u>	<u>795</u>		
		± 10% of standard	EPA 2023	

Notes: 3.98 3.98 6.94 10.00 225.9 4,096 98.48%
17.48 17.65 17.80 17.81 17.81 17.81 17.79

10 20 100 800
9.96 20.2 99.7 804

10 20 100 800
9.98 19.8 97.9 795

4.09 10.07
21.86 21.64

4.06 7.07 10.01
22.40 22.36 22.01

Site Name: SCHERER

Field Instrumentation Calibration Form

Date: 3-4-24

Calibrated By: J. BANKURAO

Field Conditions: Cloudy 55°F

Instrument	Manufacturer/ Model	Serial Number
Water Quality Meter	In-Situ Aquatroll	9800712
Turbidity Meter	Hach 2100Q	23100000368

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4.490	24002044	5/2024	AUTOCAL SOLUTIONS
pH (SU)	4.00	24002044	5/2024	AUTOCAL SOLUTIONS
pH (SU)	7.00	22290137	4/2024	AUTOCAL SOLUTIONS
pH (SU)	10.00	22110130	4/2021	AUTOCAL SOLUTIONS
D.O. (%)	N/A	-	-	-
ORP (mV)	228.0	24002258	6/2024	AUTOCAL SOLUTIONS

Calibration					
Time Start	Time Finish				
9:28	9:42				
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4.490	4.557	15.43	± 10% of standard	EPA 2023
pH (SU)	4.00	4.08	15.43	± 0.1	GWMP
pH (SU)	7.00	7.09	15.43	± 0.1	GWMP
pH (SU)	10.00	10.21	15.46	± 0.1	GWMP
D.O. (%)	N/A	101.4	15.43	± 10%	NA
ORP (mV)	228.0	236	15.47	± 10	EPA 2023

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	10	10.2	± 10% of standard	EPA 2023
	20	20.1		
	100	101		
	800	768		

Calibration Check					
Time Start	Time Finish				
13:23					
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4.490	4.381.2	18.52	± 10% of standard	EPA 2023
pH (SU)	4.00	4.07	18.52	± 0.1	GWMP
pH (SU)	7.00	7.08	18.24	± 0.1	GWMP
pH (SU)	10.00	10.06	18.85	± 0.1	GWMP

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	10	10.5	± 10% of standard	EPA 2023
	20	20.2		
	100	101		
	800	790		

Notes:

Site Name: SCHERER

Field Instrumentation Calibration Form

Date: 2/29/24

Calibrated By: M. WACHOB

Field Conditions: _____

Instrument	Manufacturer/ Model	Serial Number
Water Quality Meter	<u>Aqua Troll 400</u>	<u>830 737</u>
Turbidity Meter	<u>Hach</u>	<u>23400000 373</u>

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	<u>2400044</u>	<u>05/24</u>	<u>AIR</u>
pH (SU)	4.00	<u>2480044</u>	<u>05/24</u>	↓
pH (SU)	7.00	<u>2220139</u>	<u>04/24</u>	
pH (SU)	10.00	<u>22110130</u>	<u>04/24</u>	
D.O. (%)	N/A			
ORP (mV)	228.0	<u>24002258</u>	<u>06/24</u>	

Calibration					
Time Start	Time Finish				
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	<u>4371.8</u>	<u>16.11</u>	± 10% of standard	EPA 2023
pH (SU)	4.00	<u>3.99</u>	<u>16.00</u>	± 0.1	GWMP
pH (SU)	7.00	<u>6.99</u>	<u>16.02</u>	± 0.1	GWMP
pH (SU)	10.00	<u>10.01</u>	<u>16.02</u>	± 0.1	GWMP
D.O. (%)	N/A	<u>99.67</u>	<u>14.68</u>	± 10%	NA
ORP (mV)	228.0	<u>237.6</u>	<u>15.93</u>	± 10	EPA 2023

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	10	<u>10.0</u>		
	20	<u>19.5</u>		
	100	<u>100.0</u>		
	800	<u>795.0</u>		
		± 10% of standard	EPA 2023	

Calibration Check					
Time Start	Time Finish				
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	<u>4557.4462.6</u>	<u>16.96</u>	± 10% of standard	EPA 2023
pH (SU)	4.00	<u>4.02</u>	<u>16.23</u>	± 0.1	GWMP
pH (SU)	7.00	<u>7.09</u>	<u>16.47</u>	± 0.1	GWMP
pH (SU)	10.00	<u>10.01</u>	<u>16.02</u>	± 0.1	GWMP

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	10	<u>10.9</u>		
	20	<u>19.9</u>		
	100	<u>101.0</u>		
	800	<u>810.0</u>		
		± 10% of standard	EPA 2023	

Notes: 3.99 6.99 10.01 4371.8 ~~2380~~ 237.6 99.67
 16.00 16.02 16.02 16.11 ~~16.85~~ 15.93 14.68

9.82 20.4 102 808
 10.0 19.5 100 795

4.02 7.01 9.87
 16.75 16.37 15.75 X
 10.9 19.9 101 810 ✓

4.02 7.09 10.01
 16.23 16.47 16.02

APPENDIX A

**Instrument Calibration Forms
May 2024**

Site Name: Plant Scherer
D. Bloomfield

Field Instrumentation Calibration Form

Date: 5/6/27

Field Conditions: Sunny, 75°

Instrument	Manufacturer/ Model	Serial Number
Water Quality Meter	<u>Aquachem</u>	<u>966021</u>
Turbidity Meter	<u>HACH</u>	

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	<u>24005593</u>	<u>12/24</u>	<u>AIR</u>
pH (SU)	4.00	<u>"</u>	<u>"</u>	<u>"</u>
pH (SU)	7.00	<u>24004572</u>	<u>12/24</u>	<u>AIR</u>
pH (SU)	10.00	<u>2400455</u>	<u>12/24</u>	<u>AIR</u>
D.O. (%)	N/A	<u>24005573</u>	<u>12/24</u>	<u>AIR</u>
ORP (mV)	228.0	<u>24006803</u>	<u>11/24</u>	<u>AIR</u>

Calibration					
Time Start	Time Finish				
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	<u>6344.6</u>	<u>24.9</u>	± 10% of standard	EPA 2023
pH (SU)	4.00	<u>4.06</u>	<u>24.95</u>	± 0.1	GWMP
pH (SU)	7.00	<u>6.91</u>	<u>24.62</u>	± 0.1	GWMP
pH (SU)	10.00	<u>9.75</u>	<u>24.95</u>	± 0.1	GWMP
D.O. (%)	N/A	<u>90.00</u>	<u>23.82</u>	± 10%	NA
ORP (mV)	228.0	<u>211.7</u>	<u>24.35</u>	± 10	EPA 2023

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	<u>20</u>	<u>15.8</u>		
	<u>100</u>	<u>99.1</u>		
	<u>900</u>	<u>723</u>		
	<u>10</u>	<u>9.91</u>		
		± 10% of standard	EPA 2023	

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

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

Notes

5/7/24

Site Name: Plant Scherer Field Instrumentation Calibration Form

Date: 5/10/24

Calibrated By: D. Bloomfield

Field Conditions: Sunny 70°F

Instrument	Manufacturer/ Model	Serial Number
Water Quality Meter	<u>AquaMet</u>	<u>1082822</u>
Turbidity Meter	<u>TRAK</u>	<u>231000000368</u>

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

refer previous

Calibration					
Time Start	Time Finish				
<u>0736</u>	<u>0745</u>				
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	<u>4266.5</u>	<u>23.12</u>	± 10% of standard	EPA 2023
pH (SU)	4.00	<u>4.01</u>	<u>23.12</u>	± 0.1	GWMP
pH (SU)	7.00	<u>7.01</u>	<u>23.02</u>	± 0.1	GWMP
pH (SU)	10.00	<u>10.02</u>	<u>23.01</u>	± 0.1	GWMP
D.O. (%)	N/A	<u>100.21</u>	<u>22.70</u>	± 10%	NA
ORP (mV)	228.0	<u>229.4</u>	<u>23.00</u>	± 10	EPA 2023

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	<u>20</u>	<u>20.1</u>	± 10% of standard	EPA 2023
	<u>100</u>	<u>101</u>		
	<u>800</u>	<u>806</u>		
	<u>10</u>	<u>9.61</u>		

Calibration Check					
Time Start	Time Finish				
<u>1318</u>	<u>1324</u>				
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	<u>4393.2</u>	<u>33.30</u>	± 10% of standard	EPA 2023
pH (SU)	4.00	<u>4.08</u>	<u>33.33</u>	± 0.1	GWMP
pH (SU)	7.00	<u>6.98</u>	<u>31.64</u>	± 0.1	GWMP
pH (SU)	10.00	<u>9.96</u>	<u>30.60</u>	± 0.1	GWMP

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	<u>20</u>	<u>20.2</u>	± 10% of standard	EPA 2023
	<u>100</u>	<u>101</u>		
	<u>800</u>	<u>796</u>		
	<u>10</u>	<u>9.89</u>		

Notes:

Site Name: Plant Scherer

Field Instrumentation Calibration Form

Date: 5/8/24

Calibrated By: D. Bloomfield

Field Conditions: Sunny 85°F

Instrument	Manufacturer/ Model	Serial Number
Water Quality Meter		
Turbidity Meter		

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

Calibration					
Time Start	Time Finish				
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	<u>4503.1</u>	<u>24.12</u>	± 10% of standard	EPA 2023
pH (SU)	4.00	<u>3.97</u>	<u>24.12</u>	± 0.1	GWMP
pH (SU)	7.00	<u>7.02</u>	<u>24.18</u>	± 0.1	GWMP
pH (SU)	10.00	<u>10.50</u>	<u>24.18</u>	± 0.1	GWMP
D.O. (%)	N/A	<u>90.75</u>	<u>23.68</u>	± 10%	NA
ORP (mV)	228.0	<u>225</u>	<u>23.97</u>	± 10	EPA 2023

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	<u>20</u>	<u>19.9</u>	± 10% of standard	EPA 2023
	<u>100</u>	<u>99.9</u>		
	<u>800</u>	<u>816</u>		
	<u>10</u>	<u>9.97</u>		

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

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

Notes

Daily Calibration Log

Project
Field Staff

Instrument Calibration

Date: 5-23-24 Time: 7:10

Parameter	Units	Standard	SmarTROLL SN 727053	SmarTROLL SN _____	SmarTROLL SN _____	SmarTROLL SN _____
DO	% saturation	100	105.76 / 8.94 mg/l			
Conductivity	us/cm	4490	4490			
pH	S.U.	4.00	4.00			
pH	S.U.	7.00	7.02			
pH	S.U.	10.00	10.05			
ORP	mV	228.00				

Turbidity	Units	Standard	Hach SN 2299000997	Hach SN _____	Hach SN _____	Hach SN _____
	NTU	20	20.2			
	NTU	100	99.3			
	NTU	200	79.3			
Var. NTU		10	9.45			

Date: Time:

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

Turbidity	Units	Standard	Hach SN _____	Hach SN _____	Hach SN _____	Hach SN _____
	NTU					
	NTU					
	NTU					

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

APPENDIX A

**Instrument Calibration Forms
July-August 2024**

Site Name: Scherer

Field Instrumentation Calibration Form

Date: 8/8/24

Calibrated By: J. Stucky

Field Conditions: Sunny

Instrument	Manufacturer/ Model	Serial Number
Water Quality Meter	<u>AMT 1011</u>	<u>489619</u>
Turbidity Meter	<u>HACH</u>	<u>220900000337</u>

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4.490	<u>24005593</u>	<u>12/24</u>	<u>AIR</u>
pH (SU)	4.00	"	↓	↓
pH (SU)	7.00	<u>24004511</u>		
pH (SU)	10.00	<u>24000065</u>		
D.O. (%)	N/A			
ORP (mV)	228.0	<u>24006903</u>		

Calibration					
Time Start <u>0740</u>		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4.490	<u>4630.6</u>	<u>27.95</u>	± 10% of standard	EPA 2023
pH (SU)	4.00	<u>4.15</u>	<u>27.07</u>	± 0.1	GWMP
pH (SU)	7.00	<u>6.98</u>	<u>28.90</u>	± 0.1	GWMP
pH (SU)	10.00	<u>9.40</u>	<u>29.33</u>	± 0.1	GWMP
D.O. (%)	N/A	<u>97.95</u>	<u>29.23</u>	± 10%	NA
ORP (mV)	228.0	<u>224.9</u>	<u>29.45</u>	± 10	EPA 2023

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	<u>10</u>	<u>4.81</u>		
	<u>20</u>	<u>21.2</u>		
	<u>100</u>	<u>102</u>		
	<u>800</u>	<u>806</u>		
		± 10% of standard	EPA 2023	

Calibration Check					
Time Start <u>1620</u>		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4.490	<u>4543.1</u>	<u>43.88</u>	± 10% of standard	EPA 2023
pH (SU)	4.00	<u>3.43</u>	<u>44.63</u>	± 0.1	GWMP
pH (SU)	7.00	<u>6.48</u>	<u>41.93</u>	± 0.1	GWMP
pH (SU)	10.00	<u>9.89</u>	<u>40.28</u>	± 0.1	GWMP

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	<u>10</u>	<u>4.75</u>		
	<u>20</u>	<u>20.9</u>		
	<u>100</u>	<u>107</u>		
	<u>800</u>	<u>814</u>		
		± 10% of standard	EPA 2023	

Notes:

WU

Site Name: Schenner

Field Instrumentation Calibration Form

Date: 8/6/24

Calibrated By: J Stucky

Field Conditions: Cloudy

Instrument	Manufacturer/ Model	Serial Number
Water Quality Meter	<u>IN 570</u>	<u>989619</u>
Turbidity Meter	<u>Hach</u>	<u>2209 2209 537</u>

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4.490	<u>240,5593</u>	<u>12/24</u>	<u>AIR</u>
pH (SU)	4.00			
pH (SU)	7.00	<u>24004517</u>		
pH (SU)	10.00	<u>24000085</u>		
D.O. (%)	N/A			
ORP (mV)	228.0	<u>24006403</u>		

Calibration					
Time Start <u>7:21</u>		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4.490	<u>4405</u>	<u>26.17</u>	± 10% of standard	EPA 2023
pH (SU)	4.00	<u>4.05</u>	<u>26.43</u>	± 0.1	GWMP
pH (SU)	7.00	<u>7.09</u>	<u>26.77</u>	± 0.1	GWMP
pH (SU)	10.00	<u>10.04</u>	<u>26.88</u>	± 0.1	GWMP
D.O. (%)	N/A	<u>100</u>	<u>19.2</u>	± 10%	NA
ORP (mV)	228.0	<u>219.4</u>	<u>26.77</u>	± 10	EPA 2023

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	<u>10</u>	<u>9.61</u>		
	<u>20</u>	<u>19.9</u>		
	<u>100</u>	<u>101</u>		
	<u>800</u>	<u>806</u>		
			± 10% of standard	EPA 2023

Calibration Check					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4.490	<u>4500</u>	<u>26.44</u>	± 10% of standard	EPA 2023
pH (SU)	4.00	<u>4.04</u>	<u>27.02</u>	± 0.1	GWMP
pH (SU)	7.00	<u>7.06</u>	<u>27.13</u>	± 0.1	GWMP
pH (SU)	10.00	<u>10.04</u>	<u>27.10</u>	± 0.1	GWMP

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	<u>10</u>	<u>9.91</u>		
	<u>20</u>	<u>20.08</u>		
	<u>100</u>	<u>99.81</u>		
	<u>800</u>	<u>794</u>		
			± 10% of standard	EPA 2023

Notes:

Site Name: Scherer

Field Instrumentation Calibration Form

Date: 8/7/24

Calibrated By: J. Stuck

Field Conditions: clear

Instrument	Manufacturer/ Model	Serial Number
Water Quality Meter		
Turbidity Meter	Hach	22090000337

Calibration Standard Information					
Parameter	Standard	Lot #	Date of Expiration	Brand	
Specific Conductance (µS/cm)	4.490	24005593	12/24	Aurora	AIR
pH (SU)	4.00	1			
pH (SU)	7.00	24004517	12/24		
pH (SU)	10.00	24000085	12/24		
D.O. (%)	N/A				
ORP (mV)	228.0	240-6903	12/24		

Calibration					
Time Start	Time Finish				
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4.490	4.618	26.94	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	26.96	± 0.1	GWMP
pH (SU)	7.00	6.93	27.38	± 0.1	GWMP
pH (SU)	10.00	9.94	27.87	± 0.1	GWMP
D.O. (%)	N/A	109.4	27.93	± 10%	NA
ORP (mV)	228.0	225.7	28.12	± 10	EPA 2023

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	10	4.62		
	20	7.98		
	100	102		
	300	787		
			± 10% of standard	EPA 2023

Calibration Check					
Time Start	Time Finish				
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4.490	1607.9	39.07	± 10% of standard	EPA 2023
pH (SU)	4.00	3.82	39.23	± 0.1	GWMP
pH (SU)	7.00	6.99	39.81	± 0.1	GWMP
pH (SU)	10.00	9.84	36.82	± 0.1	GWMP

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	10	10.4		
	20	20.8		
	100	96.3		
	300	291		
			± 10% of standard	EPA 2023

Notes:

Site Name: Plant Scherer
 Calibrated By: Daniel Howard

Field Instrumentation Calibration Form

Date: 8/8/24

Field Conditions: Sunny

Instrument	Manufacturer/ Model	Serial Number
Water Quality Meter	In Situ AquaTroll400	1080306
Turbidity Meter	Hach 2100 Q	22090010235

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24025593	12/24	
pH (SU)	4.00	24025593	12/24	
pH (SU)	7.00	2400397	11/24	
pH (SU)	10.00	2402085	12/24	
D.O. (%)	N/A	N/A	N/A	
ORP (mV)	228.0	24006903	12/24	

Calibration					
Time Start		Time Finish			
0500		0530			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4490	25.81	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	25.95	± 0.1	GWMP
pH (SU)	7.00	7.00	26.41	± 0.1	GWMP
pH (SU)	10.00	10.00	26.44	± 0.1	GWMP
D.O. (%)	N/A	7.04	25.22	± 10%	NA
ORP (mV)	228.0	227.3	26.43	± 10	EPA 2023

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	20	19.5		
100	102			
300	796			
ck 10	9.80			

Calibration Check					
Time Start		Time Finish			
1300		1315			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4485	32.09	± 10% of standard	EPA 2023
pH (SU)	4.00	4.04	32.09	± 0.1	GWMP
pH (SU)	7.00	7.01	32.00	± 0.1	GWMP
pH (SU)	10.00	9.94	31.92	± 0.1	GWMP

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	20	19.5		
100	98.2			
300	788			
ck 10	10.8			

Notes:

Site Name: Plant Scherer
 Calibrated By: Daniel Howard

Field Instrumentation Calibration Form

Date: 8/7/24

Field Conditions: Sunny

Instrument	Manufacturer/ Model	Serial Number
Water Quality Meter	In Situ AquaTroll 400	1030306
Turbidity Meter	Hach 2100 Q	220900235

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4.490	24005593	12/24	ATI Instru
pH (SU)	4.00	24005593	12/24	↓
pH (SU)	7.00	24003597	11/24	
pH (SU)	10.00	24000885	12/24	
D.O. (%)	N/A	N/A	N/A	
ORP (mV)	228.0	24006903	12/24	ATI Instru

Calibration					
Time Start		Time Finish			
0507		0530			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4.490	4.490	25.77	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	25.72	± 0.1	GWMP
pH (SU)	7.00	7.00	26.13	± 0.1	GWMP
pH (SU)	10.00	10.00	26.24	± 0.1	GWMP
D.O. (%)	N/A	6.97	25.20	± 10%	NA
ORP (mV)	228.0	227.5	26.26	± 10	EPA 2023

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	20	20.1		
	100	97.5		
	300	80.5		
	ck 10	9.49		
			± 10% of standard	EPA 2023

Calibration Check					
Time Start		Time Finish			
01245 1420		1255 04/435			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4.490	4.409	33.27	± 10% of standard	EPA 2023
pH (SU)	4.00	4.06	33.22	± 0.1	GWMP
pH (SU)	7.00	7.03	32.97	± 0.1	GWMP
pH (SU)	10.00	9.96	32.97	± 0.1	GWMP

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	20	19.7		
	100	102		
	300	798		
	ck 10	9.97		
			± 10% of standard	EPA 2023

Notes:

Site Name: Plant Scherer
 Calibrated By: Daniel Howard

Field Instrumentation Calibration Form

Date: 8/6/24
 Field Conditions: Partly cloudy

Instrument	Manufacturer/ Model	Serial Number
Water Quality Meter <u>Insta</u>	<u>AquaTrak 400</u>	<u>1080306</u>
Turbidity Meter	<u>Hach 2100 Q</u>	<u>22090H00239</u>

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4.490	<u>24005593</u>	<u>12/24</u>	<u>ATL Instru</u>
pH (SU)	4.00	<u>24005593</u>	<u>12/24</u>	↓
pH (SU)	7.00	<u>24003597</u>	<u>12/24</u>	↓
pH (SU)	10.00	<u>2400085</u>	<u>12/24</u>	↓
D.O. (%)	N/A	<u>NA</u>	<u>NA</u>	<u>NA</u>
ORP (mV)	228.0	<u>24006903</u>	<u>12/24</u>	<u>ATL Instru</u>

Calibration					
Time Start <u>0510</u>		Time Finish <u>0540</u>			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4.490	<u>4.490</u>	<u>25.52</u>	± 10% of standard	EPA 2023
pH (SU)	4.00	<u>4.00</u>	<u>23.57</u>	± 0.1	GWMP
pH (SU)	7.00	<u>7.00</u>	<u>25.71</u>	± 0.1	GWMP
pH (SU)	10.00	<u>10.00</u>	<u>25.87</u>	± 0.1	GWMP
D.O. (%)	N/A	<u>7.18</u>	<u>24.69</u>	± 10%	NA
ORP (mV)	228.0			± 10	EPA 2023

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	<u>20</u>	<u>19.9</u>		
	<u>100</u>	<u>99.0</u>		
	<u>800</u>	<u>801</u>		
	<u>ck 10</u>	<u>9.75</u>		
		± 10% of standard	EPA 2023	

Calibration Check					
Time Start <u>1250</u>		Time Finish <u>1300</u>			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4.490	<u>4.459</u>	<u>26.01</u>	± 10% of standard	EPA 2023
pH (SU)	4.00	<u>4.05</u>	<u>26.33</u>	± 0.1	GWMP
pH (SU)	7.00	<u>7.03</u>	<u>26.45</u>	± 0.1	GWMP
pH (SU)	10.00	<u>9.99</u>	<u>26.55</u>	± 0.1	GWMP

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	<u>20</u>	<u>20.6</u>		
	<u>100</u>	<u>99.9</u>		
	<u>800</u>	<u>802</u>		
	<u>ck 10</u>	<u>9.75</u>		
		± 10% of standard	EPA 2023	

Notes:

Site Name: Plant Scherer
 Calibrated By: Daniel Howard

Field Instrumentation Calibration Form

Date: 8/5/24

Field Conditions: Partly Sunny

Instrument	Manufacturer/ Model	Serial Number
Water Quality Meter <u>In Situ</u>	<u>Aqua Troll 400</u>	<u>1080306</u>
Turbidity Meter	<u>Hach 2100 Q</u>	<u>22090006235</u>

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4.490	<u>24005593</u>	<u>12/24</u>	<u>ATI Instru</u>
pH (SU)	4.00	<u>24005593</u>	<u>12/24</u>	
pH (SU)	7.00	<u>24003597</u>	<u>11/24</u>	
pH (SU)	10.00	<u>24000085</u>	<u>12/24</u>	
D.O. (%)	N/A	<u>NA</u>	<u>NA</u>	<u>NA</u>
ORP (mV)	228.0	<u>24000003</u>	<u>12/24</u>	<u>ATI Instru</u>

Calibration					
Time Start	Time Finish				
<u>080510 1010</u>	<u>080540 1040</u>				
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4.490	<u>4.468</u>	<u>29.57</u>	± 10% of standard	EPA 2023
pH (SU)	4.00	<u>4.01</u>	<u>29.90</u>	± 0.1	GWMP
pH (SU)	7.00	<u>6.99</u>	<u>29.72</u>	± 0.1	GWMP
pH (SU)	10.00	<u>9.95</u>	<u>29.56</u>	± 0.1	GWMP
D.O. (%)	N/A	<u>6.76</u>	<u>28.39</u>	± 10%	NA
ORP (mV)	228.0	<u>219.2</u>	<u>29.36</u>	± 10	EPA 2023

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	<u>20</u>	<u>049.7200</u>		
	<u>100</u>	<u>249.5101</u>		
	<u>800</u>	<u>792</u>		
	<u>ck 10</u>	<u>9.69</u>		

Calibration Check					
Time Start	Time Finish				
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4.490	<u>4.537</u>	<u>31.56</u>	± 10% of standard	EPA 2023
pH (SU)	4.00	<u>4.01</u>	<u>31.59</u>	± 0.1	GWMP
pH (SU)	7.00	<u>6.98</u>	<u>31.58</u>	± 0.1	GWMP
pH (SU)	10.00	<u>9.93</u>	<u>31.72</u>	± 0.1	GWMP

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	<u>20</u>	<u>20.2</u>		
	<u>100</u>	<u>100</u>		
	<u>800</u>	<u>786</u>		
	<u>ck 10</u>	<u>10.1</u>		

Notes:

Site Name: Plant Scherer
 Calibrated By: Daniel Howard

Field Instrumentation Calibration Form

Date: 8/2/24
 Field Conditions: Partly Sunny

Instrument	Manufacturer/ Model	Serial Number
Water Quality Meter	<u>Insta Aqua Troll 140</u>	<u>1080306</u>
Turbidity Meter	<u>Hach 2100 A</u>	<u>2309000235</u>

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4.490	<u>24005593</u>	<u>12/24</u>	<u>ATI Instrument</u>
pH (SU)	4.00	<u>24005593</u>	<u>12/24</u>	
pH (SU)	7.00	<u>24003597</u>	<u>11/24</u>	
pH (SU)	10.00	<u>24000085</u>	<u>12/24</u>	↓
D.O. (%)	N/A	<u>NA</u>	<u>NA</u>	<u>NA</u>
ORP (mV)	228.0	<u>24006903</u>	<u>12/24</u>	<u>ATI Instrument</u>

Calibration					
Time Start		Time Finish			
<u>0510</u>		<u>0540</u>			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4.490	<u>4.490</u>	<u>24.90</u>	± 10% of standard	EPA 2023
pH (SU)	4.00	<u>4.00</u>	<u>24.95</u>	± 0.1	GWMP
pH (SU)	7.00	<u>7.00</u>	<u>25.22</u>	± 0.1	GWMP
pH (SU)	10.00	<u>10.00</u>	<u>25.36</u>	± 0.1	GWMP
D.O. (%)	N/A	<u>7.16</u>	<u>24.23</u>	± 10%	NA
ORP (mV)	228.0	<u>228.1</u>	<u>25.49</u>	± 10	EPA 2023

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	<u>20</u>	<u>19.7</u>		
	<u>100</u>	<u>99.8</u>		
	<u>800</u>	<u>80.7</u>		
	<u>10</u>	<u>9.57</u>		
		± 10% of standard	EPA 2023	

Calibration Check					
Time Start		Time Finish			
<u>1120</u>		<u>1130</u>			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4.490	<u>4.361</u>	<u>27.97</u>	± 10% of standard	EPA 2023
pH (SU)	4.00	<u>4.82</u>	<u>27.98</u>	± 0.1	GWMP
pH (SU)	7.00	<u>7.00</u>	<u>27.92</u>	± 0.1	GWMP
pH (SU)	10.00	<u>9.96</u>	<u>27.86</u>	± 0.1	GWMP

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	<u>20</u>	<u>20.1</u>		
	<u>100</u>	<u>102</u>		
	<u>800</u>	<u>799</u>		
	<u>10</u>	<u>10.2</u>		
		± 10% of standard	EPA 2023	

Notes:

Site Name: Plant Scherer
 Calibrated By: Daniel Howard

Field Instrumentation Calibration Form

Date: 8/1/24
 Field Conditions: Sunny

Instrument	Manufacturer/ Model	Serial Number
Water Quality Meter	Insite AquaTroll	1080306
Turbidity Meter	Hach 2100A	2209020235

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4.490	24005593	12/24	A+I Instrument
pH (SU)	4.00	24005593	12/24	↓ NA
pH (SU)	7.00	24003597	11/24	
pH (SU)	10.00	2400085	12/24	
D.O. (%)	N/A	NA	NA	
ORP (mV)	228.0	24006903	12/24	A+I Instrument

Calibration					
Time Start	Time Finish				
<u>0510</u>	<u>0546</u>				
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4.490	<u>4.490</u>	<u>23.34</u>	± 10% of standard	EPA 2023
pH (SU)	4.00	<u>4.06</u>	<u>23.69</u>	± 0.1	GWMP
pH (SU)	7.00	<u>7.00</u>	<u>24.64</u>	± 0.1	GWMP
pH (SU)	10.00	<u>10.00</u>	<u>25.07</u>	± 0.1	GWMP
D.O. (%)	N/A	<u>7.57</u>	<u>21.96</u>	± 10%	NA
ORP (mV)	228.0	<u>229.4</u>	<u>24.90</u>	± 10	EPA 2023

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	<u>20</u>	<u>20.0</u>		
	<u>100</u>	<u>101</u>		
	<u>800</u>	<u>814</u>		
	<u>ck 10</u>	<u>9.46</u>		
		± 10% of standard	EPA 2023	

Calibration Check					
Time Start	Time Finish				
<u>1325</u>	<u>1335</u>				
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4.490	<u>4.296</u>	<u>28.47</u>	± 10% of standard	EPA 2023
pH (SU)	4.00	<u>4.07</u>	<u>28.42</u>	± 0.1	GWMP
pH (SU)	7.00	<u>7.04</u>	<u>28.02</u>	± 0.1	GWMP
pH (SU)	10.00	<u>9.97</u>	<u>28.12</u>	± 0.1	GWMP

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	<u>20</u>	<u>20.9</u>		
	<u>100</u>	<u>102</u>		
	<u>800</u>	<u>788</u>		
	<u>ck 10</u>	<u>10.6</u>		
		± 10% of standard	EPA 2023	

Notes:

Site Name: Plant Scherer

Field Instrumentation Calibration Form

Date: 7/31/24

Calibrated By: Daniel Howard

Field Conditions: Overcast

Instrument	Manufacturer/ Model	Serial Number
Water Quality Meter	<u>In Situ Aqua Troll 100</u>	<u>1080306</u>
Turbidity Meter	<u>Hach 2100 G</u>	<u>22090000235</u>

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4.490	<u>24005593</u>	<u>12/24</u>	<u>A+I Instrument</u>
pH (SU)	4.00	<u>24005593</u>	<u>12/24</u>	<u>"</u>
pH (SU)	7.00	<u>24003597</u>	<u>11/24</u>	<u>"</u>
pH (SU)	10.00	<u>2400085</u>	<u>12/24</u>	<u>↓</u>
D.O. (%)	N/A	<u>N/A</u>	<u>N/A</u>	<u>NA</u>
ORP (mV)	228.0	<u>24006903</u>	<u>12/24</u>	<u>A+I Instrument</u>

Calibration					
Time Start	Time Finish				
<u>01:43:0500</u>	<u>0530</u>				
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4.490	<u>4490</u>	<u>27.03</u>	± 10% of standard	EPA 2023
pH (SU)	4.00	<u>4.00</u>	<u>27.23</u>	± 0.1	GWMP
pH (SU)	7.00	<u>6.99</u>	<u>27.79</u>	± 0.1	GWMP
pH (SU)	10.00	<u>9.95</u>	<u>27.90</u>	± 0.1	GWMP
D.O. (%)	N/A	<u>7.25</u>	<u>24.23</u>	± 10%	NA
ORP (mV)	228.0	<u>219.3</u>	<u>27.63</u>	± 10	EPA 2023

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	<u>20</u>	<u>19.7</u>		
	<u>100</u>	<u>93.8</u>		
	<u>800</u>	<u>766</u>		
	<u>ck 10</u>	<u>9.57</u>		
± 10% of standard			EPA 2023	

Calibration Check					
Time Start	Time Finish				
<u>1315</u>	<u>1325</u>				
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4.490	<u>4376</u>	<u>29.83</u>	± 10% of standard	EPA 2023
pH (SU)	4.00	<u>4.03</u>	<u>29.91</u>	± 0.1	GWMP
pH (SU)	7.00	<u>7.02</u>	<u>29.39</u>	± 0.1	GWMP
pH (SU)	10.00	<u>9.98</u>	<u>29.19</u>	± 0.1	GWMP

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	<u>20</u>	<u>19.7</u>		
	<u>100</u>	<u>93.8</u>		
	<u>800</u>	<u>791</u>		
	<u>ck 10</u>	<u>9.54</u>		
± 10% of standard			EPA 2023	

Notes:

Site Name: PLANT SCHERER

Field Instrumentation Calibration Form

Date: 07/31/24

Calibrated By: M. MANN

Field Conditions: 72°/91° F SUNNY

Instrument	Manufacturer/ Model	Serial Number	
Water Quality Meter	JW-53TV	1080302	AQUATROLL
Turbidity Meter	HACH 2100 Q	11080C011931	

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4.490	24005593	12/2024	ATK
pH (SU)	4.00	24005593	12/2024	↓
pH (SU)	7.00	24005593	12/2024	
pH (SU)	10.00	24000085	12/2024	
D.O. (%)	N/A	-	-	
ORP (mV)	228.0	24006403	12/2024	

Calibration					
Time Start		Time Finish			
9:10		9:40			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4.490	4576.7	22.75	± 10% of standard	EPA 2023
pH (SU)	4.00	4.05	26.39	± 0.1	GWMP
pH (SU)	7.00	7.07	28.72	± 0.1	GWMP
pH (SU)	10.00	9.99	28.86	± 0.1	GWMP
D.O. (%)	N/A	108.82	26.98	± 10%	NA
ORP (mV)	228.0	222.2	28.40	± 10	EPA 2023

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	20	18.6		
	100	102		
	800	773		
	10	10.9		

Calibration Check					
Time Start		Time Finish			
1350		1400			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4.490	4327.0	30.84	± 10% of standard	EPA 2023
pH (SU)	4.00	4.10	30.84	± 0.1	GWMP
pH (SU)	7.00	7.08	31.50	± 0.1	GWMP
pH (SU)	10.00	10.10	31.20	± 0.1	GWMP

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	20	21.3		
	100	98.7		
	800	746		
	10	10.9		

Notes:

Site Name: SCHERER

Field Instrumentation Calibration Form

Date: 08/01/24

Calibrated By: M. MANN

Field Conditions: 72°/95° SUNNY

Instrument	Manufacturer/ Model	Serial Number
Water Quality Meter	<u>HANNA AQUATRAC</u>	<u>1080302</u>
Turbidity Meter	<u>HACH 2100Q</u>	<u>1008001981</u>

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4.490	<u>24005593</u>	<u>12/2024</u>	<u>AIR</u>
pH (SU)	4.00	<u>24005593</u>	↓	↓
pH (SU)	7.00	<u>24004517</u>	↓	↓
pH (SU)	10.00	<u>24000085</u>	↓	↓
D.O. (%)	N/A	<u>-</u>	↓	↓
ORP (mV)	228.0	<u>24000903</u>	↓	↓

Calibration					
Time Start	Time Finish				
<u>0910</u>	<u>0930</u>				
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4.490	<u>4393.5</u>	<u>25.01</u>	± 10% of standard	EPA 2023
pH (SU)	4.00	<u>4.01</u>	<u>25.01</u>	± 0.1	GWMP
pH (SU)	7.00	<u>6.96</u>	<u>25.96</u>	± 0.1	GWMP
pH (SU)	10.00	<u>10.00</u>	<u>26.17</u>	± 0.1	GWMP
D.O. (%)	N/A	<u>101.58</u>	<u>25.82</u>	± 10%	NA
ORP (mV)	228.0	<u>226.2</u>	<u>26.73</u>	± 10	EPA 2023

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	<u>20</u>	<u>21.3</u>		
	<u>100</u>	<u>106</u>		
	<u>200</u>	<u>115</u>		
	<u>10</u>	<u>9.87</u>		

Calibration Check					
Time Start	Time Finish				
<u>1300</u>					
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4.490	<u>4306.4</u>	<u>37.79</u>	± 10% of standard	EPA 2023
pH (SU)	4.00	<u>4.00</u>	<u>37.79</u>	± 0.1	GWMP
pH (SU)	7.00	<u>7.07</u>	<u>34.96</u>	± 0.1	GWMP
pH (SU)	10.00	<u>10.09</u>	<u>34.34</u>	± 0.1	GWMP

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	<u>10</u>	<u>10.9</u>		
	<u>20</u>	<u>20.9</u>		
	<u>100</u>	<u>111</u>		
	<u>200</u>	<u>127</u>		

Notes:

Site Name: SCHEKER
 Calibrated By: M. MANN

Field Instrumentation Calibration Form

Date: 08/02/24
 Field Conditions: 76°/96° OF SUNNY

Instrument	Manufacturer/ Model	Serial Number
Water Quality Meter <u>YRB</u>	<u>HACH 2100</u>	<u>11090101931</u>
Turbidity Meter <u>WQ</u>	<u>AQUATROLL</u>	<u>1080302</u>

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4.490	<u>2400593</u>	<u>12/2024</u>	<u>AIR</u>
pH (SU)	4.00	"	"	"
pH (SU)	7.00	<u>24004517</u>	↓	↓
pH (SU)	10.00	<u>2400045</u>	↓	↓
D.O. (%)	N/A			
ORP (mV)	228.0	<u>24006903</u>	↓	↓

Calibration					
Time Start	Time Finish				
<u>0830</u>	<u>0900</u>				
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4.490	<u>4490.4</u>	<u>27.88</u>	± 10% of standard	EPA 2023
pH (SU)	4.00	<u>4.07</u>	<u>29.88</u>	± 0.1	GWMP
pH (SU)	7.00	<u>7.05</u>	<u>30.25</u>	± 0.1	GWMP
pH (SU)	10.00	<u>10.1</u>	<u>30.26</u>	± 0.1	GWMP
D.O. (%)	N/A	<u>97.36</u>	<u>24.47</u>	± 10%	NA
ORP (mV)	228.0	<u>219.8</u>	<u>30.09</u>	± 10	EPA 2023

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	<u>10</u>	<u>10.1</u>		
	<u>20</u>	<u>21.4</u>		
	<u>100</u>	<u>118</u>		
	<u>800</u>	<u>826</u>		
			± 10% of standard	EPA 2023

Calibration Check					
Time Start	Time Finish				
<u>1300</u>	<u>1310</u>				
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4.490	<u>4476.5</u>	<u>35.22</u>	± 10% of standard	EPA 2023
pH (SU)	4.00	<u>4.02</u>	<u>35.21</u>	± 0.1	GWMP
pH (SU)	7.00	<u>7.02</u>	<u>34.96</u>	± 0.1	GWMP
pH (SU)	10.00	<u>10.08</u>	<u>35.01</u>	± 0.1	GWMP

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	<u>10</u>	<u>9.59</u>		
	<u>20</u>	<u>21.1</u>		
	<u>100</u>	<u>108</u>		
	<u>800</u>	<u>774</u>		
			± 10% of standard	EPA 2023

Notes:

Site Name: SCHERER
 Calibrated By: M. MANN

Field Instrumentation Calibration Form

Date: 08/05/24
 Field Conditions: 73°/83° CLOUDY
RAIN PM

Instrument	Manufacturer/ Model	Serial Number
Water Quality Meter	<u>FUSION ADVANCE</u>	<u>1090302</u>
Turbidity Meter	<u>HACH 2000</u>	<u>108001931</u>

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4.490	<u>24005593</u>	<u>12/2024</u>	<u>ADP</u>
pH (SU)	4.00	<u>" "</u>		
pH (SU)	7.00	<u>24002517</u>		
pH (SU)	10.00	<u>24000085</u>		
D.O. (%)	N/A			
ORP (mV)	228.0	<u>24006403</u>		

Calibration					
Time Start	Time Finish				
<u>1015</u>	<u>1035</u>				
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4.490	<u>4500</u>	<u>28.7</u>	± 10% of standard	EPA 2023
pH (SU)	4.00	<u>3.98</u>	<u>28.7</u>	± 0.1	GWMP
pH (SU)	7.00	<u>6.93</u>	<u>28.8</u>	± 0.1	GWMP
pH (SU)	10.00	<u>9.96</u>	<u>28.9</u>	± 0.1	GWMP
D.O. (%)	N/A	<u>102.90</u>	<u>29.99</u>	± 10%	NA
ORP (mV)	228.0	<u>229.5</u>	<u>28.9</u>	± 10	EPA 2023

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	<u>10</u>	<u>10.5</u>		
	<u>20</u>	<u>20.4</u>		
	<u>100</u>	<u>96.8</u>		
	<u>800</u>	<u>773</u>		

Calibration Check					
Time Start	Time Finish				
<u>1535</u>	<u>1545</u>				
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4.490	<u>4507.2</u>	<u>35.48</u>	± 10% of standard	EPA 2023
pH (SU)	4.00	<u>4.02</u>	<u>34.22</u>	± 0.1	GWMP
pH (SU)	7.00	<u>7.0698</u>	<u>33.88</u>	± 0.1	GWMP
pH (SU)	10.00	<u>10.991</u>	<u>33.57</u>	± 0.1	GWMP

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	<u>10</u>	<u>10.9</u>		
	<u>20</u>	<u>21.0</u>		
	<u>100</u>	<u>101</u>		
	<u>800</u>	<u>793</u>		

Notes:

Site Name: **PLANT SCHERER**

Field Instrumentation Calibration Form

Date: **08/06/24**

Calibrated By: **M. MANN**

Field Conditions: **73°/86° CLOUDS**

Instrument	Manufacturer/ Model	Serial Number
Water Quality Meter	IN-SEN AQUATEL	108080C
Turbidity Meter	HACH 2100Q	11080C011931

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24005593	12/2024	ATR
pH (SU)	4.00	"	↓	↓
pH (SU)	7.00	24004517	↓	↓
pH (SU)	10.00	24000005	↓	↓
D.O. (%)	N/A			
ORP (mV)	228.0	24006003	↓	

Calibration					
Time Start	Time Finish				
0840	0905				
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4448.9	25.40	± 10% of standard	EPA 2023
pH (SU)	4.00	3.94 / 4.00	25.56	± 0.1	GWMP
pH (SU)	7.00	6.83 / 7.00	25.69	± 0.1	GWMP
pH (SU)	10.00	9.82 / 10.00	25.62	± 0.1	GWMP
D.O. (%)	N/A	46.74	29.45	± 10%	NA
ORP (mV)	228.0	227.9	25.78	± 10	EPA 2023

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	10	10.5		
	20	20.3		
	100	98.0		
	800	798		

Calibration Check					
Time Start	Time Finish				
1500	1505				
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4468.3	35.21	± 10% of standard	EPA 2023
pH (SU)	4.00	4.01	35.28	± 0.1	GWMP
pH (SU)	7.00	6.96	35.33	± 0.1	GWMP
pH (SU)	10.00	9.99	34.97	± 0.1	GWMP

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	10	10.7		
	20	21.8		
	100	97.3		
	800	768		

Notes:

Site Name: SCHERER

Field Instrumentation Calibration Form

Date: 8/8/24

Calibrated By: MARK MANN

Field Conditions: 83°/95° F SUN

Instrument	Manufacturer/ Model	Serial Number
Water Quality Meter	JAN-SEN AQUAROLL	1080302
Turbidity Meter	HACH 2100B	11080C01431

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4.490	24005593	12/2024	ASR
pH (SU)	4.00	" "	↓	↓
pH (SU)	7.00	24004513	↓	↓
pH (SU)	10.00	24000085	↓	↓
D.O. (%)	N/A			
ORP (mV)	228.0	24006405		

Calibration					
Time Start	Time Finish				
<u>0840</u>	<u>0910</u>				
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4.490	<u>4570.7</u>	<u>30.00</u>	± 10% of standard	EPA 2023
pH (SU)	4.00	<u>4.04</u>	<u>30.01</u>	± 0.1	GWMP
pH (SU)	7.00	<u>7.00</u>	<u>30.38</u>	± 0.1	GWMP
pH (SU)	10.00	<u>9.96</u>	<u>30.54</u>	± 0.1	GWMP
D.O. (%)	N/A	<u>102.21</u>	<u>30.04</u>	± 10%	NA
ORP (mV)	228.0	<u>216.8</u>	<u>30.24</u>	± 10	EPA 2023

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	10	<u>9.91</u>		
	20	<u>20.4</u>		
	100	<u>108</u>		
	900	<u>812</u>		
			± 10% of standard	EPA 2023

Calibration Check					
Time Start	Time Finish				
<u>1230</u>	<u>1240</u>				
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4.490	<u>4495.7</u>	<u>35.16</u>	± 10% of standard	EPA 2023
pH (SU)	4.00	<u>3.97</u>	<u>35.15</u>	± 0.1	GWMP
pH (SU)	7.00	<u>7.02</u>	<u>34.83</u>	± 0.1	GWMP
pH (SU)	10.00	<u>9.98</u>	<u>34.22</u>	± 0.1	GWMP

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	10	<u>9.87</u>		
	20	<u>19.7</u>		
	100	<u>103</u>		
	900	<u>794</u>		
			± 10% of standard	EPA 2023

Notes:

Site Name: SCS Plant Scherer

Field Instrumentation Calibration Form

Date: 07/31/2024

Calibrated By: LND.

Field Conditions: Sunny, clear

Instrument	Manufacturer/ Model	Serial Number
Water Quality Meter	<u>Asymtek 400</u>	<u>1080307</u>
Turbidity Meter	<u>HACH 2100 Q</u>	<u>203080 000159</u>

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4.490	<u>24005593</u>	<u>12/2024</u>	
pH (SU)	4.00	<u>24005593</u>	<u>12/2024</u>	
pH (SU)	7.00	<u>24004517</u>	<u>12/2024</u>	
pH (SU)	10.00			
D.O. (%)	N/A			
ORP (mV)	228.0	<u>24004903</u>	<u>12/2024</u>	

Calibration					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4.490	<u>4973.6 µS/cm</u>	<u>27.96</u>	± 10% of standard	EPA 2023
pH (SU)	4.00	<u>4.07 / 4.00</u>	<u>27.83</u>	± 0.1	GWMP
pH (SU)	7.00	<u>7.03 / 7.00</u>	<u>27.37</u>	± 0.1	GWMP
pH (SU)	10.00	<u>10.04 / 10.00</u>	<u>27.34</u>	± 0.1	GWMP
D.O. (%)	N/A	<u>8.05 mg/L</u>	<u>25.34</u>	± 10%	NA
ORP (mV)	228.0	<u>218.5 mV</u>	<u>27.15</u>	± 10	EPA 2023

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	<u>10.0 NTU</u>	<u>10.1 NTU</u>		
	<u>20</u>	<u>20.3</u>		
	<u>100</u>	<u>97.8</u>		
	<u>200</u>	<u>81.2</u>		
			± 10% of standard	EPA 2023

Calibration Check					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4.490	<u>4330.5</u>	<u>30.82</u>	± 10% of standard	EPA 2023
pH (SU)	4.00	<u>4.09</u>	<u>30.83</u>	± 0.1	GWMP
pH (SU)	7.00	<u>7.07</u>	<u>31.22</u>	± 0.1	GWMP
pH (SU)	10.00	<u>9.98</u>	<u>31.37</u>	± 0.1	GWMP

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	<u>10</u>	<u>10.4</u>		
	<u>20</u>	<u>20.2</u>		
	<u>100</u>	<u>107</u>		
	<u>200</u>	<u>784</u>		
			± 10% of standard	EPA 2023

Notes:

Site Name: SCS Plant Scherer

Field Instrumentation Calibration Form

Date: 08/01/2024

Calibrated By: LMD

Field Conditions: Sunny, clear

Instrument	Manufacturer/ Model	Serial Number
Water Quality Meter	<u>HANNA 400</u>	<u>1090300</u>
Turbidity Meter	<u>HACH 2100 Q</u>	<u>2220800000159</u>

Calibration Standard Information					
Parameter	Standard	Lot #	Date of Expiration	Brand	
Specific Conductance (µS/cm)	4.490	<u>24005543</u>	<u>12/2024</u>		
pH (SU)	4.00	<u>2400543</u>	<u>12/2024</u>		
pH (SU)	7.00	<u>24004517</u>	<u>12/2024</u>		
pH (SU)	10.00	<u>2400085</u>	<u>12/2024</u>		
D.O. (%)	N/A				
ORP (mV)	228.0	<u>24006903</u>	<u>12/2024</u>		

Calibration					
Time Start	Time Finish				
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4.490	<u>4458.3</u>	<u>24.05</u>	± 10% of standard	EPA 2023
pH (SU)	4.00	<u>2.97/4.00</u>	<u>25.86</u>	± 0.1	GWMP
pH (SU)	7.00	<u>6.89/7.00</u>	<u>26.26</u>	± 0.1	GWMP
pH (SU)	10.00	<u>9.97/10.00</u>	<u>26.33</u>	± 0.1	GWMP
D.O. (%)	<u>8.06</u> N/A	<u>7.45</u>	<u>26.18</u>	± 10%	NA
ORP (mV)	228.0	<u>227.6</u>	<u>26.30</u>	± 10	EPA 2023

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	10	<u>2.45</u>		
	20	<u>4.8</u>		
	100	<u>24.6</u>		
	800	<u>201</u>		
		± 10% of standard	EPA 2023	

Calibration Check					
Time Start	Time Finish				
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4.490	<u>4488.7</u>	<u>31.32</u>	± 10% of standard	EPA 2023
pH (SU)	4.00	<u>3.97</u>	<u>31.31</u>	± 0.1	GWMP
pH (SU)	7.00	<u>6.98</u>	<u>30.99</u>	± 0.1	GWMP
pH (SU)	10.00	<u>10.01</u>	<u>30.54</u>	± 0.1	GWMP

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	10	<u>10.0</u>		
	20	<u>19.1</u>		
	100	<u>107</u>		
	800	<u>787</u>		
		± 10% of standard	EPA 2023	

Notes:

Site Name: SCS Plant Scherer

Field Instrumentation Calibration Form

Date: 08/02/2024

Field Conditions: Sunny, Clear

Calibrated By:

Instrument	Manufacturer/ Model	Serial Number
Water Quality Meter	<u>Aquatic 400</u>	<u>1080300</u>
Turbidity Meter	<u>HACH 200Q</u>	<u>2030800000159</u>

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	<u>2400593</u>	<u>12/2024</u>	
pH (SU)	4.00	<u>24005593</u>	↓	
pH (SU)	7.00	<u>24004517</u>		
pH (SU)	10.00	<u>2400095</u>		
D.O. (%)	N/A			
ORP (mV)	228.0	<u>24006903</u>		

Calibration					
Time Start	Time Finish				
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	<u>4503.5</u>	<u>28.46</u>	± 10% of standard	EPA 2023
pH (SU)	4.00	<u>4.02</u>	<u>28.61</u>	± 0.1	GWMP
pH (SU)	7.00	<u>7.00</u>	<u>28.91</u>	± 0.1	GWMP
pH (SU)	10.00	<u>10.02</u>	<u>28.40</u>	± 0.1	GWMP
D.O. (%)	N/A	<u>7.80</u>	<u>26.23</u> <u>26.83</u>	± 10%	NA
ORP (mV)	228.0	<u>221.0</u>	<u>28.19</u>	± 10	EPA 2023

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	<u>10</u>			
	<u>20</u>	<u>20.5</u>		
	<u>100</u>	<u>102</u>		
	<u>800</u>	<u>811</u>		
		± 10% of standard	EPA 2023	

Calibration Check					
Time Start	Time Finish				
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	<u>4483.2</u>	<u>30.22</u>	± 10% of standard	EPA 2023
pH (SU)	4.00	<u>4.09</u>	<u>30.23</u>	± 0.1	GWMP
pH (SU)	7.00	<u>7.07</u>	<u>30.65</u>	± 0.1	GWMP
pH (SU)	10.00	<u>10.09</u>	<u>31.27</u>	± 0.1	GWMP

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	<u>10</u>	<u>10.1</u>		
	<u>20</u>	<u>20.5</u>		
	<u>100</u>	<u>100.2</u>		
	<u>800</u>	<u>792</u>		
		± 10% of standard	EPA 2023	

Notes:

Site Name: SCP Plant Scherer

Field Instrumentation Calibration Form

Date: 08/05/2024

Calibrated By: LND

Field Conditions: cloudy

Instrument	Manufacturer/ Model	Serial Number
Water Quality Meter	<u>Applina 400</u>	<u>1080300</u>
Turbidity Meter	<u>HACH 2100D</u>	<u>23080 D000159</u>

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	<u>24005593</u>	<u>12/2024</u>	
pH (SU)	4.00	<u>24005593</u>	↓	
pH (SU)	7.00	<u>24005593</u>		
pH (SU)	10.00	<u>2400085</u>		
D.O. (%)	N/A			
ORP (mV)	228.0	<u>24006403</u>		

Calibration					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	<u>4453.4</u>	<u>27.29</u>	± 10% of standard	EPA 2023
pH (SU)	4.00	<u>4.05</u>	<u>27.94</u>	± 0.1	GWMP
pH (SU)	7.00	<u>7.02</u>	<u>27.65</u>	± 0.1	GWMP
pH (SU)	10.00	<u>9.98</u>	<u>27.70</u>	± 0.1	GWMP
D.O. (%)	N/A	<u>8.16</u>	<u>25.8</u>	± 10%	NA
ORP (mV)	228.0	<u>225.5</u>	<u>27.57</u>	± 10	EPA 2023

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	<u>10</u>	<u>10.0</u>		
	<u>20</u>	<u>20.2</u>		
	<u>100</u>	<u>100</u>		
	<u>500</u>	<u>498</u>		
± 10% of standard			EPA 2023	

Calibration Check					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	<u>4388.7</u>	<u>30.99</u>	± 10% of standard	EPA 2023
pH (SU)	4.00	<u>4.02</u>	<u>30.99</u>	± 0.1	GWMP
pH (SU)	7.00	<u>7.03</u>	<u>31.22</u>	± 0.1	GWMP
pH (SU)	10.00	<u>10.01</u>	<u>30.77</u>	± 0.1	GWMP

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

Notes:

Site Name: SCS Plant Scherer

Field Instrumentation Calibration Form

Date: 08/06/2024

Field Conditions: cloudy

Calibrated By:

Instrument	Manufacturer/ Model	Serial Number
Water Quality Meter	<u>Equahl 400</u>	<u>1090300</u>
Turbidity Meter	<u>HACH 2100Q</u>	<u>230800000159</u>

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4.490	<u>24005593</u>	<u>12/2024</u>	
pH (SU)	4.00	<u>24005593</u>		
pH (SU)	7.00	<u>24004577</u>		
pH (SU)	10.00	<u>2400085</u>		
D.O. (%)	N/A			
ORP (mV)	228.0	<u>24006403</u>		

Calibration					
Time Start	Time Finish				
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4.490	<u>4.7811</u>	<u>24.93</u>	± 10% of standard	EPA 2023
pH (SU)	4.00	<u>4.02</u>	<u>25.10</u>	± 0.1	GWMP
pH (SU)	7.00	<u>7.02</u>	<u>25.41</u>	± 0.1	GWMP
pH (SU)	10.00	<u>9.97</u>	<u>25.41</u>	± 0.1	GWMP
D.O. (%)	N/A	<u>2.18</u>	<u>24.04</u>	± 10%	NA
ORP (mV)	228.0	<u>229.0</u>	<u>25.28</u>	± 10	EPA 2023

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	<u>10</u>	<u>9.98</u>		
	<u>20</u>	<u>20.0</u>		
	<u>400</u>	<u>101</u>		
	<u>800</u>	<u>800</u>	± 10% of standard	EPA 2023

Calibration Check					
Time Start	Time Finish				
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4.490	<u>4.453.1</u>	<u>30.78</u>	± 10% of standard	EPA 2023
pH (SU)	4.00	<u>3.99</u>	<u>30.79</u>	± 0.1	GWMP
pH (SU)	7.00	<u>7.00</u>	<u>31.22</u>	± 0.1	GWMP
pH (SU)	10.00	<u>10.00</u>	<u>31.67</u>	± 0.1	GWMP

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

Notes

Site Name: SCS Plant Scherer Field Instrumentation Calibration Form

Date: 08/07/24

Calibrated By:

Field Conditions: Sunny
clear

Instrument	Manufacturer/ Model	Serial Number
Water Quality Meter	<u>Hydrol 400</u>	<u>1080300</u>
Turbidity Meter	<u>HACH 24200</u>	<u>230800000159</u>

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4.490	<u>2400593</u>	<u>12/2024</u>	
pH (SU)	4.00	<u>2400593</u>		
pH (SU)	7.00	<u>2400457</u>		
pH (SU)	10.00	<u>2400095</u>		
D.O. (%)	N/A			
ORP (mV)	228.0	<u>24006903</u>		

Calibration					
Time Start	Time Finish				
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4.490	<u>4.4031</u>	<u>26.23</u>	± 10% of standard	EPA 2023
pH (SU)	4.00	<u>4.00</u>	<u>26.70</u>	± 0.1	GWMP
pH (SU)	7.00	<u>6.98</u>	<u>27.10</u>	± 0.1	GWMP
pH (SU)	10.00	<u>9.99</u>	<u>27.35</u>	± 0.1	GWMP
D.O. (%)	N/A	<u>8.10</u>	<u>24.96</u>	± 10%	NA
ORP (mV)	228.0	<u>225.0</u>	<u>27.30</u>	± 10	EPA 2023

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	<u>10</u>	<u>9.23</u>	± 10% of standard	EPA 2023
	<u>20</u>	<u>20.4</u>		
	<u>100</u>	<u>99.7</u>		
	<u>800</u>	<u>804</u>		

Calibration Check					
Time Start	Time Finish				
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4.490	<u>4481.1</u>	<u>30.82</u>	± 10% of standard	EPA 2023
pH (SU)	4.00	<u>3.99</u>	<u>30.82</u>	± 0.1	GWMP
pH (SU)	7.00	<u>7.07</u>	<u>31.11</u>	± 0.1	GWMP
pH (SU)	10.00	<u>10.10</u>	<u>31.22</u>	± 0.1	GWMP

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	<u>10</u>	<u>10.4</u>	± 10% of standard	EPA 2023
	<u>20</u>	<u>21.2</u>		
	<u>100</u>	<u>98.8</u>		
	<u>800</u>	<u>797</u>		

Notes:

Site Name: SCS plant Schonen Field Instrumentation Calibration Form

Date: 08/08/24

Calibrated By:

Field Conditions: any
clear

Instrument	Manufacturer/ Model	Serial Number
Water Quality Meter	<u>denudat 410</u>	<u>11280300</u>
Turbidity Meter	<u>Hi-M 2100</u>	<u>2800D000157</u>

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	<u>24006903</u>	<u>12/2024</u>	
pH (SU)	4.00	<u>24005213</u>		
pH (SU)	7.00	<u>24005117</u>		
pH (SU)	10.00	<u>240085</u>		
D.O. (%)	N/A			
ORP (mV)	228.0	<u>24006903</u>		

Calibration					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	<u>4537.2</u>	<u>28.92</u>	± 10% of standard	EPA 2023
pH (SU)	<u>4.01</u> 4.00	<u>4.97</u> 4.97	<u>28.92</u> 29.37	± 0.1	GWMP
pH (SU)	7.00	<u>7.00</u>	<u>29.96</u>	± 0.1	GWMP
pH (SU)	10.00	<u>9.99</u>	<u>30.10</u>	± 0.1	GWMP
D.O. (%)	N/A	<u>7.91</u>	<u>20.05</u>	± 10%	NA
ORP (mV)	228.0	<u>220.3</u>	<u>20.10</u> 20.83	± 10	EPA 2023

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	<u>10</u>	<u>9.27</u>	± 10% of standard	EPA 2023
	<u>20</u>	<u>19.16</u>		
	<u>50</u>	<u>49.5</u>		
	<u>100</u>	<u>91.8</u>		
<u>200</u>	<u>183.6</u>			

Calibration Check					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	<u>4418.6</u>	<u>30.22</u>	± 10% of standard	EPA 2023
pH (SU)	4.00	<u>4.01</u>	<u>30.22</u>	± 0.1	GWMP
pH (SU)	7.00	<u>7.05</u>	<u>31.01</u>	± 0.1	GWMP
pH (SU)	10.00	<u>9.98</u>	<u>30.93</u>	± 0.1	GWMP

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	<u>10</u>	<u>10.2</u>	± 10% of standard	EPA 2023
	<u>20</u>	<u>21.1</u>		
	<u>100</u>	<u>107</u>		
	<u>200</u>	<u>212</u>		
<u>300</u>	<u>318</u>			

Notes:

Site Name: SCS plant Schepker Field Instrumentation Calibration Form

Date: 08/09/24

Field Conditions: Sunny clear

Calibrated By:

Instrument	Manufacturer/ Model	Serial Number
Water Quality Meter	<u>quadrach 900</u>	<u>1080300</u>
Turbidity Meter	<u>HACH 2100</u>	<u>23080000159</u>

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4.490	<u>24005513</u>	<u>12/2024</u>	
pH (SU)	4.00	<u>24005513</u>		
pH (SU)	7.00	<u>24005513</u>		
pH (SU)	10.00	<u>2400015</u>		
D.O. (%)	N/A			
ORP (mV)	228.0	<u>24006903</u>		

Calibration					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4.490	<u>4.916</u>	<u>28.45</u>	± 10% of standard	EPA 2023
pH (SU)	4.00	<u>4.03</u>	<u>29.50</u>	± 0.1	GWMP
pH (SU)	7.00	<u>7.00</u>	<u>30.16</u>	± 0.1	GWMP
pH (SU)	10.00	<u>9.94</u>	<u>30.58</u>	± 0.1	GWMP
D.O. (%)	N/A	<u>8.01</u>	<u>28.25</u>	± 10%	NA
ORP (mV)	228.0	<u>222.1</u>	<u>30.26</u>	± 10	EPA 2023

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	<u>50</u>	<u>0.25</u>		
<u>100</u>	<u>0.2</u>			
<u>100</u>	<u>1.00</u>			
<u>800</u>	<u>7.77</u>			

Calibration Check					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4.490			± 10% of standard	EPA 2023
pH (SU)	4.00			± 0.1	GWMP
pH (SU)	7.00			± 0.1	GWMP
pH (SU)	10.00			± 0.1	GWMP

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference

Notes:

Site Name: GP-Plant Scherer

Field Instrumentation Calibration Form

Date: 8-8-2024

Calibrated By: Terrell Parker

Field Conditions: Hotel Room

Instrument	Manufacturer/ Model	Serial Number
Water Quality Meter	Australl 400	1080307
Turbidity Meter	Hach 2100Q	14020C034447

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24005593	12/2024	AIR Provided
pH (SU)	4.00	24005592	12/2024	
pH (SU)	7.00	24005517	12/2024	
pH (SU)	10.00	24000085	12/2024	
D.O. (%)	N/A			
ORP (mV)	228.0	24002803	12/2024	AIR Provided

Calibration					
Time Start 05:16		Time Finish 05:42			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4485.9	21.51	± 10% of standard	EPA 2023
pH (SU)	4.00	4.01/101.3mV	21.94	± 0.1	GWMP
pH (SU)	7.00	7.01/-9.7mV	23.35	± 0.1	GWMP
pH (SU)	10.00	10.02/102.8mV	23.50	± 0.1	GWMP
D.O. (%)	N/A	8.85	20.02	± 10%	NA
ORP (mV)	228.0	230.7023759	23.4mV = 3.66	± 10	EPA 2023

offset = 0.00 mV
Cell Cont. = 0.994
TDS Conv. = 0.65

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	20	19.0	± 10% of standard	EPA 2023
	100	99.3		
	800	799		
	10			

→ slope: 1.061204 offset = 0.00 mg/L Read: 981.82 mbar DO Theory = 8.80 mg/L
 $\frac{8.85 \text{ mg/L}}{8.80 \text{ mg/L}} = 1.01$
 $\times 100\% = 101\%$

Calibration Check					
Time Start 16:47		Time Finish 16:59			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4570.1 ✓	35.84	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00 ✓	35.84	± 0.1	GWMP
pH (SU)	7.00	7.05 ✓	35.79	± 0.1	GWMP
pH (SU)	10.00	9.91 ✓	34.60/37.22	± 0.1	GWMP

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	20	20.1 ✓	± 10% of standard	EPA 2023
	100	98.5 ✓		
	800	792 ✓		
	10	9.37 ✓		

Notes:

Site Name: GA-Scherer

Field Instrumentation Calibration Form

Date: 8-7-2024

Calibrated By: Terrill Parker

Field Conditions: Hotel Room

Instrument	Manufacturer/ Model	Serial Number
Water Quality Meter	<u>Amstar 11400</u>	<u>080307</u>
Turbidity Meter	<u>Hach 21000</u>	<u>V480003447</u>

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	<u>24005593</u>	<u>12/2024</u>	<u>AIR Supplied</u>
pH (SU)	4.00	<u>24005593</u>	<u>12/2024</u>	
pH (SU)	7.00	<u>24004517</u>	<u>12/2024</u>	
pH (SU)	10.00	<u>34000085</u>	<u>12/2024</u>	
D.O. (%)	N/A			<u>N/A</u>
ORP (mV)	228.0	<u>24006903</u>	<u>12/2024</u>	<u>AIR/Supplied</u>

Calibration					
Time Start <u>05:47</u>		Time Finish <u>06:17</u>			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	<u>4,522.7</u>	<u>22.57</u>	± 10% of standard	EPA 2023
pH (SU)	4.00	<u>4.00/102.5mV</u>	<u>22.97</u>	± 0.1	GWMP
pH (SU)	7.00	<u>7.00/92.3mV</u>	<u>22.54</u>	± 0.1	GWMP
pH (SU)	10.00	<u>9.99/42.0mV</u>	<u>23.85</u>	± 0.1	GWMP
D.O. (%)	N/A	<u>8.47</u>	<u>21.80</u>	± 10%	NA
ORP (mV)	228.0 / <u>230.6</u>	<u>232.1 mV</u>	<u>23.85</u>	± 10	EPA 2023

→ Slope: 1.068436 Offset: -0.00111 Span: 984.62 mbar DO Temp =
 offset: 0.00 mV
 cell const: 0.943
 TDS const: 0.65
 offset: 11.8 mV
 @ 23.89°C

Standard	Calibration Value	Acceptance Criteria	Reference
<u>200</u>	<u>20.6</u> ✓	± 10% of standard	EPA 2023
<u>100</u>	<u>10.2</u> ✓		
<u>800</u>	<u>80.8</u> ✓		
<u>10</u>	<u>9.44</u> ✓		

Calibration Check					
Time Start <u>17:41</u>		Time Finish <u>17:58</u>			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	<u>4,522.3</u> ✓	<u>35.72</u>	± 10% of standard	EPA 2023
pH (SU)	4.00	<u>4.06</u> ✓	<u>35.73</u>	± 0.1	GWMP
pH (SU)	7.00	<u>7.03</u> ✓	<u>34.34</u>	± 0.1	GWMP
pH (SU)	10.00	<u>9.93</u> ✓	<u>32.34</u>	± 0.1	GWMP

Standard	Calibration Value	Acceptance Criteria	Reference
<u>20</u>	<u>18.8</u> ✓	± 10% of standard	EPA 2023
<u>100</u>	<u>97.9</u> ✓		
<u>800</u>	<u>782</u> ✓		
<u>10</u>	<u>9.04</u> ✓		

Notes:

Site Name: GP-Scherer

Field Instrumentation Calibration Form

Date: 8-6-2024

Calibrated By:

Field Conditions: outdoors -80°F
Cloudy

Instrument	Manufacturer/Model	Serial Number
Water Quality Meter	<u>Mettler 885</u>	<u>1480307</u>
Turbidity Meter	<u>Hach 2100 T</u>	<u>140200034447</u>

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4.490	<u>24005592</u>	<u>12/2024</u>	<u>AIR Supplied</u>
pH (SU)	4.00	<u>24005593</u>	<u>12/2024</u>	
pH (SU)	7.00	<u>24004513</u>	<u>12/2024</u>	
pH (SU)	10.00	<u>24000085</u>	<u>12/2024</u>	
D.O. (%)	N/A			
ORP (mV)	228.0	<u>24006903</u>	<u>12/2024</u>	<u>AIR Supplied</u>

Calibration					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4.490	<u>4.4762</u>	<u>29.10</u>	± 10% of standard	EPA 2023
pH (SU)	4.00	<u>4.06</u>	<u>29.14</u>	± 0.1	GWMP
pH (SU)	7.00	<u>7.07</u>	<u>28.35</u>	± 0.1	GWMP
pH (SU)	10.00	<u>9.99</u>	<u>28.16</u>	± 0.1	GWMP
D.O. (%)	N/A	<u>3.43</u>	<u>29.85</u>	± 10%	NA
ORP (mV)	228.0	<u>222.0</u>	<u>28.08</u>	± 10	EPA 2023

offset: 0.00 mg/L
Sollansf: 1.003
TDS conv. 0.6

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	20	<u>20.0</u>	<u>Lot # A3201 Exp. 12/2024</u>	
100	<u>99.0</u>	<u>Lot # A3256 Exp. 12/2024</u>	± 10% of standard	
800	<u>800</u>	<u>Lot # A3251 Exp. 12/2024</u>		
10	<u>9.20</u>	<u>Lot # A3242 Exp. 11/2024</u>		

offset: 13.3um
theory: 7.44 mg/L
7.43 mg/L
7.44 mg/L 99.9
Actual

Calibration Check					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4.490	<u>4.5318</u>	<u>32.51</u>	± 10% of standard	EPA 2023
pH (SU)	4.00	<u>4.05</u>	<u>32.53</u>	± 0.1	GWMP
pH (SU)	7.00	<u>7.03</u>	<u>31.59</u>	± 0.1	GWMP
pH (SU)	10.00	<u>9.92</u>	<u>31.13</u>	± 0.1	GWMP

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	20	<u>20.5</u>		
100	<u>101</u>		± 10% of standard	
800	<u>793</u>			
10	<u>9.37</u>			

Notes:

→ 224.7 mV after cal & in live readings.

Site Name: GP-Seherer

Field Instrumentation Calibration Form

Date: 8-2-2024

Calibrated By: Terrell Parker

Field Conditions: Hotel Room

Instrument	Manufacturer/ Model	Serial Number
Water Quality Meter	<u>17-Situtekquad/1400</u>	<u>1080307 V1.28</u>
Turbidity Meter	<u>Hach 2100R</u>	<u>120800021447</u>

ST: 05:42
Finish: 06:11

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4.490	<u>24005593</u>	<u>12/2024</u>	<u>AIR PROVIDED</u>
pH (SU)	4.00	<u>24005593</u>	<u>12/2024</u>	
pH (SU)	7.00	<u>24004517</u>	<u>12/2024</u>	
pH (SU)	10.00	<u>24000065</u>	<u>12/2024</u>	
D.O. (%)	N/A			<u>N/A</u>
ORP (mV)	228.0	<u>24006903</u>	<u>12/2024</u>	<u>AIR PROVIDED</u>

AIR PROVIDED } ANALYST Sd.

Calibration					
Time Start <u>05:42</u>		Time Finish <u>06:11</u>			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4.490	<u>4.467.0</u>	<u>22.62</u>	± 10% of standard ✓	EPA 2023
pH (SU)	4.00	<u>4.01165</u>	<u>22.71</u>	± 0.1 ✓	GWMP
pH (SU)	7.00	<u>6.99/-2.0mV</u>	<u>22.88</u>	± 0.1 ✓	GWMP
pH (SU)	10.00	<u>10.00/-17.8mV</u>	<u>23.15</u>	± 0.1 ✓	GWMP
D.O. (%)	<u>100.25 mdist</u>	<u>N/A</u>	<u>AIR</u>	± 10% ✓	NA
ORP (mV)	<u>228.0</u>	<u>221.3</u>	<u>22.37</u>	± 10 ✓	EPA 2023

OFFSET: 0.00µ
Calib. at: 0.905
Ref Temp: 25°C
TDS Cor: 0.05

ERT. D.O. (%) 100.25 mdist N/A AIR
228.0 / 221.3 220.3 mV 22.37
20: 99% ✓ 100: 101% ✓ 800: 101% ✓ 10: 94.5% ✓
offset: 0.00µ
Calib. at: 0.905
Ref Temp: 25°C
TDS Cor: 0.05
offset: 10.2mV
DO Theory: 8.67mg/L
8.70 mg/L DO
8.67mg/L DO
X 100% = 100.3%
Recovery: 2

Calibration Check					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4.490	<u>4.480.3</u>	<u>29.73</u>	± 10% of standard ✓	EPA 2023
pH (SU)	4.00	<u>4.07</u>	<u>29.73</u>	± 0.1 ✓	GWMP
pH (SU)	7.00	<u>7.03</u>	<u>28.40</u>	± 0.1 ✓	GWMP
pH (SU)	10.00	<u>9.95</u>	<u>28.44</u>	± 0.1 ✓	GWMP

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	<u>20</u>	<u>20.1</u>	✓	EPA 2023
	<u>100</u>	<u>98.3</u>	✓	
	<u>800</u>	<u>786</u>	✓	
	<u>10</u>	<u>9.14</u>	✓	
		± 10% of standard		

Notes:

Site Name: GP Scherer

Field Instrumentation Calibration Form

Date: 8-1-2024

Calibrated By: Terrell Parker

Field Conditions: Hotel Room
ST 05:30

Instrument	Manufacturer/ Model	Serial Number
Water Quality Meter	<u>AQUA47100/400</u>	<u>1080207</u>
Turbidity Meter	<u>Hach 2000</u>	<u>14080503447</u>

V1.28

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4.490	<u>24005593</u>	<u>12/2024</u>	<u>AIR PROVIDED</u>
pH (SU)	4.00	<u>24005593</u>	<u>12/2024</u>	↓
pH (SU)	7.00	<u>24004513</u>	<u>12/2024</u>	↓
pH (SU)	10.00	<u>24000085</u>	<u>12/2024</u>	↓
D.O. (%)	N/A			N/A
ORP (mV)	<u>228.0/231.1</u>	<u>240006903</u>	<u>12/2024</u>	<u>AIR PROVIDED</u>

} AUTO Cal. Solution

23.47°C

Calibration					
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4.490	<u>23.8 4.468.2</u>	<u>23.05</u>	± 10% of standard	EPA 2023
pH (SU)	4.00	<u>4.02/166.2mV</u>	<u>23.17</u>	± 0.17	GWMP
pH (SU)	7.00	<u>7.031/-7.5mV</u>	<u>23.07</u>	± 0.1	GWMP
pH (SU)	10.00	<u>10.091/-39.8mV</u>	<u>23.35</u>	± 0.1	GWMP
D.O. (%)	N/A	<u>99.4% moist</u>	<u>22.207</u>	± 10%	NA
ORP (mV)	228.0	<u>231.9 mV</u>	<u>23.47</u>	± 10	EPA 2023

offset 0.00 mV/mV
cell const: 0.994
TDS Conv: 0.65

offset + 9.2 mV
8.58 mg/L = 0.995
8.62 mg/L x 100% = 99.5%
9.6v

STIME: 06:00
TIME FINISH: 06:10
Turbidity (NTU)
20: 102.5%
100: 99%
500: 102%
10: 93.1%

Calibration Check					
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4.490	<u>4.709.1</u>	<u>24.24</u>	± 10% of standard	EPA 2023
pH (SU)	4.00	<u>4.06</u>	<u>24.92</u>	± 0.1	GWMP
pH (SU)	7.00	<u>7.03</u>	<u>24.52</u>	± 0.1	GWMP
pH (SU)	10.00	<u>9.93</u>	<u>24.72</u>	± 0.1	GWMP

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	20	<u>19.6</u>	± 10% of standard ✓	EPA 2023
	100	<u>99.4</u>		
	800	<u>789</u>		
	10	<u>9.23</u>		

Notes

Site Name: GP-Plant Scherer Field Instrumentation Calibration Form

Date: 7-31-24

Calibrated By: Terrell Parker

Field Conditions: PARTLY Cloudy
86°F
@ 14:36

Instrument	Manufacturer/ Model	Serial Number
Water Quality Meter		
Turbidity Meter		

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24005593	12/2024	AIR PROVIDED
pH (SU)	4.00	24005593	12/2024	
pH (SU)	7.00	24004517	12/2024	
pH (SU)	10.00	24000085	12/2024	
D.O. (%)	N/A			N/A
ORP (mV)	228.0	24006903	12/2024	AIR PROVIDED

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

LISA did initial Cal on 7-31-24 a.m.

ST: 14:27 Turbidity (NTU) End 14:36	Standard	Calibration Value	Acceptance Criteria	Reference
	20	19.5	LOT# A3201 EXP. 12/2024	} by T. PARKER
	100	93.7	LOT# A3254 EXP. 12/2024	
	800	76.5	LOT# A3251 EXP. 12/2024	
	10	9.32	LOT# A3212 EXP. 11/2024	

Calibration Check					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4,658.1 ✓	32.15°C	± 10% of standard ✓	EPA 2023
pH (SU)	4.00	4.05 ✓	32.05°C	± 0.1 ✓	GWMP
pH (SU)	7.00	7.03 ✓	31.72°C	± 0.1 ✓	GWMP
pH (SU)	10.00	10.01 ✓	32.00°C	± 0.1 ✓	GWMP

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	20	19.6 ✓	± 10% of standard	EPA 2023
	100	93.6 ✓		
	800	78.1 ✓		
	10.0	9.42 ✓		

Notes:

Site Name: Plant Scherer

Field Instrumentation Calibration Form

Date: 7/31/24

Calibrated By: DCB

Field Conditions: Sunny 90°F

Instrument	Manufacturer/ Model	Serial Number
Water Quality Meter	<u>liquaTAL</u>	<u>966105</u>
Turbidity Meter	<u>HACH</u>	<u>220607000342</u>

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	<u>2408599</u>	<u>12/24</u>	<u>MR</u>
pH (SU)	4.00	"		
pH (SU)	7.00	<u>2408525</u>		
pH (SU)	10.00	<u>2408525</u>		
D.O. (%)	N/A			
ORP (mV)	228.0	<u>2408525</u>		

Calibration					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	<u>4668.3</u>	<u>26.2</u>	± 10% of standard	EPA 2023
pH (SU)	4.00	<u>7.06</u>	<u>26.2</u>	± 0.1	GWMP
pH (SU)	7.00	<u>7.02</u>	<u>26.3</u>	± 0.1	GWMP
pH (SU)	10.00	<u>9.25</u>	<u>26.54</u>	± 0.1	GWMP
D.O. (%)	N/A	<u>99.15</u>	<u>26.53</u>	± 10%	NA
ORP (mV)	228.0	<u>220</u>	<u>25.52</u>	± 10	EPA 2023

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	<u>20</u>	<u>19.7</u>		
	<u>100</u>	<u>99.0</u>		
	<u>200</u>	<u>192</u>		
	<u>10</u>	<u>10.2</u>		
		± 10% of standard	EPA 2023	

Calibration Check					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	<u>4472.2</u>	<u>26.45</u>	± 10% of standard	EPA 2023
pH (SU)	4.00	<u>4.01</u>	<u>26.48</u>	± 0.1	GWMP
pH (SU)	7.00	<u>7.01</u>	<u>27.98</u>	± 0.1	GWMP
pH (SU)	10.00	<u>10.00</u>	<u>27.94</u>	± 0.1	GWMP

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	<u>20</u>	<u>19.9</u>		
	<u>100</u>	<u>100</u>		
	<u>200</u>	<u>196</u>		
	<u>10</u>	<u>10.2</u>		
		± 10% of standard	EPA 2023	

Notes:

Site Name Plant Survey

Field Instrumentation Calibration Form

Date: 8/6/24

Calibrated By: D-EB

Field Conditions: Sunny, 90°F

Instrument	Manufacturer/ Model	Serial Number
Water Quality Meter	<u>TRU</u>	<u>950074</u> <u>906105</u>
Turbidity Meter	<u>HACH</u>	<u>23060000342</u>

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4.490	<u>24005594</u>	<u>12/24</u>	<u>HAN</u>
pH (SU)	4.00	"		
pH (SU)	7.00	<u>24004575</u>		
pH (SU)	10.00	<u>24008575</u>		
D.O. (%)	N/A			
ORP (mV)	228.0	<u>24006805</u>		

Calibration					
Time Start <u>1240</u>		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4.490	<u>4242.2</u>	<u>30.15</u>	± 10% of standard	EPA 2023
pH (SU)	4.00	<u>4.03</u>	<u>30.29</u>	± 0.1	GWMP
pH (SU)	7.00	<u>7.00</u>	<u>29.94</u>	± 0.1	GWMP
pH (SU)	10.00	<u>9.98</u>	<u>29.86</u>	± 0.1	GWMP
D.O. (%)	N/A	<u>99.80</u>	<u>29.18</u>	± 10%	NA
ORP (mV)	228.0	<u>222.3</u>	<u>29.25</u>	± 10	EPA 2023

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	<u>200</u>	<u>20.1</u>		
	<u>100</u>	<u>99.4</u>		
	<u>800</u>	<u>803</u>		
	<u>10</u>	<u>9.72</u>		

Calibration Check					
Time Start <u>1700</u>		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4.490	<u>4745.5</u>	<u>32.25</u>	± 10% of standard	EPA 2023
pH (SU)	4.00	<u>4.01</u>	<u>32.26</u>	± 0.1	GWMP
pH (SU)	7.00	<u>7.00</u>	<u>31.10</u>	± 0.1	GWMP
pH (SU)	10.00	<u>10.01</u>	<u>30.50</u>	± 0.1	GWMP

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	<u>20</u>	<u>20.2</u>		
	<u>100</u>	<u>101</u>		
	<u>800</u>	<u>807</u>		
	<u>10</u>	<u>9.98</u>		

Notes:

Site Name: Plant Scherer
 Calibrated By: D. Bloomfield

Field Instrumentation Calibration Form

Date: 8/9/24

Field Conditions: Sunny, 95°

Instrument	Manufacturer/ Model	Serial Number
Water Quality Meter	<u>Aquadell</u>	<u>40610</u>
Turbidity Meter	<u>Mettler</u>	<u>2306000002002</u>

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

same as previous

Calibration					
Time Start	Time Finish				
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	<u>4489.5</u>	<u>26.44</u>	± 10% of standard	EPA 2023
pH (SU)	4.00	<u>4.05</u>	<u>26.50</u>	± 0.1	GWMP
pH (SU)	7.00	<u>7.00</u>	<u>26.74</u>	± 0.1	GWMP
pH (SU)	10.00	<u>9.99</u>	<u>26.97</u>	± 0.1	GWMP
D.O. (%)	N/A	<u>100.66</u>	<u>26.97</u>	± 10%	NA
ORP (mV)	228.0	<u>225.4</u>	<u>27.05</u>	± 10	EPA 2023

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	<u>2</u>	<u>2.5</u>		
<u>100</u>	<u>99.9</u>			
<u>800</u>	<u>797</u>			
<u>10</u>	<u>9.94</u>			

Calibration Check					
Time Start	Time Finish				
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	<u>4494.2</u>	<u>28.50</u>	± 10% of standard	EPA 2023
pH (SU)	4.00	<u>4.00</u>	<u>28.53</u>	± 0.1	GWMP
pH (SU)	7.00	<u>7.00</u>	<u>27.98</u>	± 0.1	GWMP
pH (SU)	10.00	<u>10.01</u>	<u>28.11</u>	± 0.1	GWMP

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	<u>20</u>	<u>20.2</u>		
<u>100</u>	<u>103</u>			
<u>800</u>	<u>802</u>			
<u>10</u>	<u>9.99</u>			

Notes:

Site Name: Plant Saver

Field Instrumentation Calibration Form

Date: 8/16/24

Calibrated By: D. Blomfield

Field Conditions: Sunny, 70°F

SAME as previous

Instrument	Manufacturer/ Model	Serial Number
Water Quality Meter		
Turbidity Meter		

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

Calibration					
Time Start	Time Finish				
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4510.2	24.77	± 10% of standard	EPA 2023
pH (SU)	4.00	3.98	24.90	± 0.1	GWMP
pH (SU)	7.00	6.98	25.10	± 0.1	GWMP
pH (SU)	10.00	9.96	25.32	± 0.1	GWMP
D.O. (%)	N/A	99.41	25.37	± 10%	NA
ORP (mV)	228.0	223.0	25.43	± 10	EPA 2023

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	20	20.1		
	100	101		
	800	807		
	10	9.92		

Calibration Check					
Time Start	Time Finish				
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4592.2	30.04	± 10% of standard	EPA 2023
pH (SU)	4.00	4.03	30.07	± 0.1	GWMP
pH (SU)	7.00	7.00	30.84	± 0.1	GWMP
pH (SU)	10.00	9.96	30.01	± 0.1	GWMP

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	20	19.9		
	100	102		
	800	804		
	10	9.93		

Notes:

APPENDIX A

**Instrument Calibration Forms
November 2024**

Site Name: Plant Scherer

Field Instrumentation Calibration Form

Date: 11/7/24

Calibrated By: Daniel Howard

Field Conditions: _____

Instrument	Manufacturer/ Model	Serial Number
Water Quality Meter	<u>In Situ Aqua Troll 400</u>	<u>1080302</u>
Turbidity Meter	<u>Hech 2100 Q</u>	<u>2306000344</u>

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4.490	<u>24010943</u>	<u>5/25</u>	<u>Atlanta In Situ</u>
pH (SU)	4.00	<u>24010943</u>	<u>5/25</u>	↓
pH (SU)	7.00	<u>24008527</u>	<u>6/25</u>	
pH (SU)	10.00	<u>24004996</u>	<u>6/25</u>	
D.O. (%)	N/A			
ORP (mV)	228.0	<u>24011792</u>	<u>6/25</u>	

Calibration					
Time Start		Time Finish			
<u>0505</u>		<u>0526</u>			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4.490	<u>4.490</u>	<u>23.51</u>	± 10% of standard	EPA 2023
pH (SU)	4.00	<u>4.00</u>	<u>23.47</u>	± 0.1	GWMP
pH (SU)	7.00	<u>7.00</u>	<u>23.43</u>	± 0.1	GWMP
pH (SU)	10.00	<u>10.00</u>	<u>23.66</u>	± 0.1	GWMP
D.O. (%)	N/A	<u>8.27</u>	<u>23.92</u>	± 10%	NA
ORP (mV)	228.0	<u>228.8</u>	<u>23.79</u>	± 10	EPA 2023

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	<u>20</u>	<u>21.5</u>		
	<u>100</u>	<u>99.8</u>		
	<u>300</u>	<u>301</u>		
	<u>CK 10</u>	<u>9.32</u>		
			± 10% of standard	EPA 2023

Calibration Check					
Time Start		Time Finish			
<u>1615</u>		<u>1630</u>			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4.490	<u>4.495</u>	<u>23.74</u>	± 10% of standard	EPA 2023
pH (SU)	4.00	<u>3.99</u>	<u>23.74</u>	± 0.1	GWMP
pH (SU)	7.00	<u>6.99</u>	<u>23.61</u>	± 0.1	GWMP
pH (SU)	10.00	<u>9.96</u>	<u>23.39</u>	± 0.1	GWMP

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	<u>20</u>	<u>19.7</u>		
	<u>100</u>	<u>99.1</u>		
	<u>300</u>	<u>280</u>		
	<u>CK 10</u>	<u>9.24</u>		
			± 10% of standard	EPA 2023

Notes:

Site Name GP Plant, Gherer

Field Instrumentation Calibration Form

Date 11-7-2024 05:26

Calibrated By Terrell Parker

Field Conditions Drizzle outside
Cal in hotel Room

Instrument	Manufacturer/ Model	Serial Number
Water Quality Meter	<u>1911574</u>	<u>968202</u>
Turbidity Meter	<u>HACH 2100</u>	<u>231100000008</u>

008 CAL DUE 9/2025

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

OFFSET: 0.00 µS/cm Cell Constant 1.025 @ 25°C Ref. Temp.

Calibration							
Time Start	Time Finish	Parameter	Standard	Before / AFTER Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
<u>05:26</u>	<u>06:02</u>	Specific Conductance (µS/cm)	4,490	<u>4580/4448.2</u>	<u>23.75</u>	± 10% of standard	EPA 2023
		pH (SU)	4.00	<u>4.06</u>	<u>23.75</u>	± 0.1	GWMP
		pH (SU)	7.00	<u>7.05</u>	<u>23.8</u>	± 0.1	GWMP
		pH (SU)	10.00	<u>10.10/10.00</u>	<u>23.69</u>	± 0.1	GWMP
		D.O. (%)	N/A	<u>8.21/8.28</u>	<u>23.62</u>	± 10%	NA
		ORP (mV)	228.0	<u>228.4/230.7</u>	<u>24.1/23.73</u>	± 10	EPA 2023

Slope: 1.1971035 offset: -0.00 mg/L
clock on meter is 13 hrs off. updated after cal
offset: 1.7mv
8.28 mg/L = 8.32 mg/L
0.995 x 100% = 99.5%

Calibration Check							
Time Start	Time Finish	Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
<u>12:50</u>	<u>13:14</u>	Specific Conductance (µS/cm)	4,490	<u>4490.4</u>	<u>24.20</u>	± 10% of standard	EPA 2023
		pH (SU)	4.00	<u>3.94</u>	<u>24.08</u>	± 0.1	GWMP
		pH (SU)	7.00	<u>7.04</u>	<u>24.23</u>	± 0.1	GWMP
		pH (SU)	10.00	<u>10.03</u>	<u>24.42</u>	± 0.1	GWMP

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	<u>20</u>	<u>20.5</u>	<u>✓</u>	
	<u>100</u>	<u>100</u>	<u>✓</u>	
	<u>800</u>	<u>784</u>	<u>✓</u>	± 10% of standard
	<u>10</u>	<u>9.79</u>	<u>✓</u>	98% R

Notes:

Site Name SCS Schenectady

Field Instrumentation Calibration Form

Date: 11/7/24

Calibrated By: UMD

Field Conditions Rainy

Instrument	Manufacturer/ Model	Serial Number
Water Quality Meter	<u>equated 400</u>	<u>1080293</u>
Turbidity Meter	<u>HACH 2100 Q</u>	<u>15030C039370</u>

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	<u>24010943</u>	<u>5/25</u>	
pH (SU)	4.00	<u>24010943</u>	<u>5/25</u>	
pH (SU)	7.00	<u>24008587</u>	<u>6/25</u>	
pH (SU)	10.00	<u>24004996</u>	<u>6/25</u>	
D.O. (%)	N/A			
ORP (mV)	228.0	<u>24011792</u>	<u>6/25</u>	

Calibration					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	<u>4543.7</u>	<u>20.75</u>	± 10% of standard	EPA 2023
pH (SU)	4.00	<u>4.03</u>	<u>20.95</u>	± 0.1	GWMP
pH (SU)	7.00	<u>7.03</u>	<u>21.01</u>	± 0.1	GWMP
pH (SU)	10.00	<u>10.12</u>	<u>21.00</u>	± 0.1	GWMP
D.O. (%)	N/A	<u>99.27</u>	<u>20.26</u>	± 10%	NA
ORP (mV)	228.0	<u>232.9</u>	<u>20.98</u>	± 10	EPA 2023

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	10			<u>15.9</u>
	20	<u>21.2</u>	<u>± 10% of standard</u>	<u>15.9</u>
	100	<u>100</u>		<u>EPA 2023</u>
	800	<u>804</u>		<u>778</u>

Calibration Check					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	<u>4417.5</u>	<u>22.95</u>	± 10% of standard	EPA 2023
pH (SU)	4.00	<u>4.03</u>	<u>22.97</u>	± 0.1	GWMP
pH (SU)	7.00	<u>7.06</u>	<u>22.92</u>	± 0.1	GWMP
pH (SU)	10.00	<u>10.01</u>	<u>22.66</u>	± 0.1	GWMP

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	10	<u>10.5</u>		
	20	<u>20.8</u>		
	100	<u>97.6</u>	± 10% of standard	EPA 2023
	800	<u>796</u>		

Notes:

Site Name Plant Scherer

Field Instrumentation Calibration Form

Date 11/6/24

Calibrated By Daniel Howard

Field Conditions Overcast

Instrument	Manufacturer/ Model	Serial Number	
Water Quality Meter <u>In Situ</u>	<u>AquaTron 1140</u>	<u>1080302</u>	<u>89%</u>
Turbidity Meter <u>Hach 2100A</u>		<u>2306066274</u>	

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4.490	<u>24010943</u>	<u>5/2025</u>	<u>A+1 Inst</u>
pH (SU)	4.00	<u>24010943</u>	<u>5/25</u>	<u>A+1 Inst</u>
pH (SU)	7.00	<u>24008587</u>	<u>6/25</u>	<u>A+1 Inst</u>
pH (SU)	10.00	<u>24004446</u>	<u>6/25</u>	<u>A+1 Inst</u>
D O (%)	N/A			
ORP (mV)	228.0	<u>24011792</u>	<u>6/25</u>	<u>A+1 Inst</u>

Calibration					
Time Start <u>1000</u>		Time Finish <u>1035</u>			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4.490	<u>4.496</u>	<u>22.89</u>	± 10% of standard	EPA 2023
pH (SU)	4.00	<u>4.01/4.0</u>	<u>22.80</u>	± 0.1	GWMP
pH (SU)	7.00	<u>7.01/7.02</u>	<u>22.44</u>	± 0.1	GWMP
pH (SU)	10.00	<u>10.11/10.05</u>	<u>22.35</u>	± 0.1	GWMP
D O (%)	N/A	<u>8.30</u>	<u>23.92</u>	± 10%	NA
ORP (mV)	228.0	<u>224.5</u>	<u>22.48</u>	± 10	EPA 2023

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	<u>20</u>	<u>21.3</u>	± 10% of standard	EPA 2023
<u>100</u>	<u>101</u>			
<u>800</u>	<u>807</u>			
<u>ck 10</u>	<u>9.44</u>			

Calibration Check					
Time Start <u>1900</u>		Time Finish <u>1915</u>			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4.490	<u>4.459</u>	<u>22.90</u>	± 10% of standard	EPA 2023
pH (SU)	4.00	<u>4.04</u>	<u>22.90</u>	± 0.1	GWMP
pH (SU)	7.00	<u>7.06</u>	<u>23.15</u>	± 0.1	GWMP
pH (SU)	10.00	<u>10.10</u>	<u>23.31</u>	± 0.1	GWMP

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	<u>20</u>	<u>21.6</u>	± 10% of standard	EPA 2023
<u>100</u>	<u>101</u>			
<u>800</u>	<u>795</u>			
<u>ck 10</u>	<u>9.82</u>			

Notes:

Site Name GP - Hunt Schere

Field Instrumentation Calibration Form

Date 11/6/2024 09:15

Calibrated By Terrell Parker

Field Conditions Overcast

Instrument	Manufacturer/ Model	Serial Number
Water Quality Meter	<u>metru AT 400</u>	<u>968202</u>
Turbidity Meter	<u>Hachard Q</u>	<u>22100000009</u>

CAL. 9/2025
DUE 9/2025

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	<u>24010943</u>	<u>05/2025</u>	<u>AIR PROVIDED</u>
pH (SU)	4.00	<u>24008587</u>	<u>06/2025</u>	<u>AIR PROVIDED</u>
pH (SU)	7.00	<u>24004496</u>	<u>06/2025</u>	<u>AIR PROVIDED</u>
D.O. (%)	N/A			
ORP (mV)	228.0	<u>24011792</u>	<u>06/2025</u>	<u>AIR PROVIDED</u>

Calibration						
Time Start <u>09:15</u>		Time Finish				
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference	
Specific Conductance (µS/cm)	4,490	<u>4,391.8/4,517.1</u>	<u>25.18</u>	± 10% of standard	EPA 2023	<u>offset = 0.00 µS/cm</u>
pH (SU)	4.00	<u>3.97</u>	<u>25.13</u>	± 0.1	GWMP	<u>cell offset 1.013</u>
pH (SU)	7.00	<u>7.01</u>	<u>24.53</u>	± 0.1	GWMP	
pH (SU)	10.00	<u>10.01</u>	<u>24.21</u>	± 0.1	GWMP	
D.O. (%)	N/A	<u>8.24 mg/L</u>	<u>25.00</u>	± 10%	NA	<u>offset: -0.7mV</u>
ORP (mV)	228.0	<u>226.1/229.3</u>	<u>24.40</u>	± 10	EPA 2023	

Slope: 1.1611845 offset: -0.00 mV 228.0: 1.001 mV/°C theory = 8.18 mg/L

Parameter	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	<u>20.3</u>	± 10% of standard	EPA 2023
	100	<u>98.1</u>		
	500	<u>80.1</u>		
	10	<u>9.64</u>		

8.08 mg/L
8.18 mg/L theory
= 0.988 x 100%
= 98.8%RV

Slope/offset 1: -53.14 mV/pH/2.2mV Slope/offset 2: -51.21 mV/pH/2.2mV

Calibration Check						
Time Start		Time Finish				
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference	
Specific Conductance (µS/cm)	4,490	<u>4,603.3</u>	<u>23.51</u>	± 10% of standard	EPA 2023	<u>102.5%RV</u>
pH (SU)	4.00	<u>4.06</u>	<u>23.56</u>	± 0.1	GWMP	<u>101.5%RV</u>
pH (SU)	7.00	<u>7.05</u>	<u>23.78</u>	± 0.1	GWMP	
pH (SU)	10.00	<u>10.10</u>	<u>23.70</u>	± 0.1	GWMP	
DO	N/A	<u>8.19 mg/L</u>	<u>23.74°C</u>			<u>Baro: 746.34 mmHg</u>

Parameter	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20 NTU	<u>20.3 NTU</u>	± 10% of standard	EPA 2023
	100	<u>98.1</u>		
	500	<u>80.1</u>		
	10	<u>9.64</u>		

Notes:

Site Name SCS Scherer

Field Instrumentation Calibration Form

Date 11/6/24

Calibrated By: LMD

Field Conditions cloudy sprinkles

Instrument	Manufacturer/ Model	Serial Number
Water Quality Meter	<u>AquaTron 190</u>	<u>1080293</u>
Turbidity Meter	<u>HACH 2100Q</u>	<u>1593269370</u>

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4.490	<u>24010943</u>	<u>7/25</u>	
pH (SU)	4.00	<u>24010943</u>	<u>5/25</u>	
pH (SU)	7.00	<u>24008587</u>	<u>6/25</u>	
pH (SU)	10.00	<u>24004996</u>	<u>6/25</u>	
D.O. (%)	N/A	<u>9</u>		
ORP (mV)	228.0	<u>24011792</u>	<u>6/25</u>	

Calibration					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4.490	<u>4.2955</u>	<u>22.30</u>	± 10% of standard	EPA 2023
pH (SU)	4.00	<u>4.05</u>	<u>22.26</u>	± 0.1	GWMP
pH (SU)	7.00	<u>7.08</u>	<u>22.17</u>	± 0.1	GWMP
pH (SU)	10.00	<u>10.175</u>	<u>22.11</u>	± 0.1	GWMP
D.O. (%)	N/A	<u>108.75</u>	<u>23.04</u>	± 10%	NA
ORP (mV)	228.0	<u>224.4</u>	<u>22.15</u>	± 10	EPA 2023

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	10	<u>10.4</u>		
20	<u>21.8</u>			<u>20.9</u>
100	<u>93.5</u>		± 10% of standard	<u>106</u>
800	<u>977</u>			<u>850</u>

Calibration Check					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4.490	<u>4.19.0</u>	<u>22.98</u>	± 10% of standard	EPA 2023
pH (SU)	4.00	<u>4.04</u>	<u>22.97</u>	± 0.1	GWMP
pH (SU)	7.00	<u>7.06</u>	<u>22.74</u>	± 0.1	GWMP
pH (SU)	10.00	<u>10.01</u>	<u>22.76</u>	± 0.1	GWMP

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	10	<u>10.4</u>		
20	<u>21.8</u>			
100	<u>93.5</u>		± 10% of standard	EPA 2023
800	<u>977</u>			

Notes:

APPENDIX B

Analytical Results, Data Validation Summaries and
Laboratory Accreditation

APPENDIX B

Analytical Results
February 2024



ANALYTICAL REPORT

PREPARED FOR

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

Generated 3/18/2024 4:58:11 PM

JOB DESCRIPTION

CCR - Plant Scherer Cell 1

JOB NUMBER

680-247345-1

Eurofins Savannah

Job Notes

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

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Authorization



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

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3/18/2024 4:58:11 PM

Definitions/Glossary

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

Job ID: 680-247345-1

Qualifiers

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Sample Summary

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

Job ID: 680-247345-1

<u>Lab Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Collected</u>	<u>Received</u>
680-247345-1	SCH-GWA-16	Water	02/28/24 16:15	02/29/24 12:14
680-247345-2	SCH-GWA-17	Water	02/28/24 16:35	02/29/24 12:14

1

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12

Case Narrative

Client: Southern Company
Project: CCR - Plant Scherer Cell 1

Job ID: 680-247345-1

Job ID: 680-247345-1

Eurofins Savannah

Job Narrative 680-247345-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

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

Receipt

The samples were received on 2/29/2024 12:14 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.2°C.

HPLC/IC

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

Metals

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

General Chemistry

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

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Client Sample Results

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

Job ID: 680-247345-1

Client Sample ID: SCH-GWA-16

Lab Sample ID: 680-247345-1

Date Collected: 02/28/24 16:15

Matrix: Water

Date Received: 02/29/24 12:14

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.6		1.0	0.20	mg/L			03/15/24 17:10	1
Fluoride	<0.040		0.10	0.040	mg/L			03/15/24 17:10	1
Sulfate	<0.40		1.0	0.40	mg/L			03/15/24 17:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		03/01/24 10:01	03/02/24 15:35	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		03/01/24 10:01	03/02/24 15:35	1
Barium	0.030		0.010	0.00089	mg/L		03/01/24 10:01	03/02/24 15:35	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		03/01/24 10:01	03/02/24 15:35	1
Boron	<0.022		0.080	0.022	mg/L		03/01/24 10:01	03/02/24 15:35	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		03/01/24 10:01	03/02/24 15:35	1
Calcium	15		0.50	0.14	mg/L		03/01/24 10:01	03/02/24 15:35	1
Chromium	0.0071		0.0020	0.0012	mg/L		03/01/24 10:01	03/02/24 15:35	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		03/01/24 10:01	03/02/24 15:35	1
Copper	<0.0011		0.0020	0.0011	mg/L		03/01/24 10:01	03/02/24 15:35	1
Lead	<0.00021		0.0010	0.00021	mg/L		03/01/24 10:01	03/02/24 15:35	1
Magnesium	4.9		0.50	0.023	mg/L		03/01/24 10:01	03/02/24 15:35	1
Nickel	<0.00042		0.0010	0.00042	mg/L		03/01/24 10:01	03/02/24 15:35	1
Potassium	1.1		0.50	0.044	mg/L		03/01/24 10:01	03/02/24 15:35	1
Selenium	<0.00099		0.0050	0.00099	mg/L		03/01/24 10:01	03/02/24 15:35	1
Silver	<0.00039		0.0010	0.00039	mg/L		03/01/24 10:01	03/02/24 15:35	1
Sodium	11		0.50	0.20	mg/L		03/01/24 10:01	03/02/24 15:35	1
Thallium	<0.00026		0.0010	0.00026	mg/L		03/01/24 10:01	03/02/24 15:35	1
Vanadium	0.0087		0.0020	0.00063	mg/L		03/01/24 10:01	03/02/24 15:35	1
Zinc	<0.0028		0.0050	0.0028	mg/L		03/01/24 10:01	03/02/24 15:35	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/05/24 10:40	03/05/24 15:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	72		5.0	2.2	mg/L			03/04/24 19:53	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	72		5.0	5.0	mg/L			03/04/24 19:53	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			03/04/24 19:53	1
Total Dissolved Solids (SM 2540C-2011)	100		10	10	mg/L			03/05/24 15:10	1

Client Sample ID: SCH-GWA-17

Lab Sample ID: 680-247345-2

Date Collected: 02/28/24 16:35

Matrix: Water

Date Received: 02/29/24 12:14

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.4		1.0	0.20	mg/L			03/15/24 17:16	1
Fluoride	<0.040		0.10	0.040	mg/L			03/15/24 17:16	1
Sulfate	<0.40		1.0	0.40	mg/L			03/15/24 17:16	1

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Client Sample Results

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

Job ID: 680-247345-1

Client Sample ID: SCH-GWA-17

Lab Sample ID: 680-247345-2

Date Collected: 02/28/24 16:35

Matrix: Water

Date Received: 02/29/24 12:14

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		03/01/24 10:01	03/02/24 15:38	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		03/01/24 10:01	03/02/24 15:38	1
Barium	0.032		0.010	0.00089	mg/L		03/01/24 10:01	03/02/24 15:38	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		03/01/24 10:01	03/02/24 15:38	1
Boron	<0.022		0.080	0.022	mg/L		03/01/24 10:01	03/02/24 15:38	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		03/01/24 10:01	03/02/24 15:38	1
Calcium	9.0		0.50	0.14	mg/L		03/01/24 10:01	03/02/24 15:38	1
Chromium	0.0096		0.0020	0.0012	mg/L		03/01/24 10:01	03/02/24 15:38	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		03/01/24 10:01	03/02/24 15:38	1
Copper	<0.0011		0.0020	0.0011	mg/L		03/01/24 10:01	03/02/24 15:38	1
Lead	<0.00021		0.0010	0.00021	mg/L		03/01/24 10:01	03/02/24 15:38	1
Magnesium	3.6		0.50	0.023	mg/L		03/01/24 10:01	03/02/24 15:38	1
Nickel	<0.00042		0.0010	0.00042	mg/L		03/01/24 10:01	03/02/24 15:38	1
Potassium	1.1		0.50	0.044	mg/L		03/01/24 10:01	03/02/24 15:38	1
Selenium	<0.00099		0.0050	0.00099	mg/L		03/01/24 10:01	03/02/24 15:38	1
Silver	<0.00039		0.0010	0.00039	mg/L		03/01/24 10:01	03/02/24 15:38	1
Sodium	10		0.50	0.20	mg/L		03/01/24 10:01	03/02/24 15:38	1
Thallium	<0.00026		0.0010	0.00026	mg/L		03/01/24 10:01	03/02/24 15:38	1
Vanadium	0.0056		0.0020	0.00063	mg/L		03/01/24 10:01	03/02/24 15:38	1
Zinc	<0.0028		0.0050	0.0028	mg/L		03/01/24 10:01	03/02/24 15:38	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/05/24 10:40	03/05/24 15:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	59		5.0	2.2	mg/L			03/04/24 20:01	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	59		5.0	5.0	mg/L			03/04/24 20:01	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			03/04/24 20:01	1
Total Dissolved Solids (SM 2540C-2011)	85		10	10	mg/L			03/05/24 15:10	1

QC Sample Results

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

Job ID: 680-247345-1

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

Lab Sample ID: MB 680-827863/1010
Matrix: Water
Analysis Batch: 827863

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

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Chloride	<0.20		1.0	0.20	mg/L			03/15/24 16:10	1
Fluoride	<0.040		0.10	0.040	mg/L			03/15/24 16:10	1
Sulfate	<0.40		1.0	0.40	mg/L			03/15/24 16:10	1

Lab Sample ID: LCS 680-827863/11
Matrix: Water
Analysis Batch: 827863

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	2.00	2.15		mg/L		107	90 - 110
Sulfate	10.0	9.64		mg/L		96	90 - 110

Lab Sample ID: LCSD 680-827863/12
Matrix: Water
Analysis Batch: 827863

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Fluoride	2.00	2.13		mg/L		107	90 - 110	1	15
Sulfate	10.0	9.62		mg/L		96	90 - 110	0	15

Lab Sample ID: 680-247591-M-4 MS
Matrix: Water
Analysis Batch: 827863

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	<0.040		2.00	1.94		mg/L		97	80 - 120
Sulfate	21		10.0	30.7		mg/L		102	80 - 120

Lab Sample ID: 680-247591-M-4 MSD
Matrix: Water
Analysis Batch: 827863

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Fluoride	<0.040		2.00	1.92		mg/L		96	80 - 120	1	15
Sulfate	21		10.0	30.2		mg/L		96	80 - 120	2	15

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 680-825369/1-A
Matrix: Water
Analysis Batch: 825609

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 825369

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Antimony	<0.00034		0.0020	0.00034	mg/L		03/01/24 10:01	03/02/24 14:55	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		03/01/24 10:01	03/02/24 14:55	1
Barium	<0.00089		0.010	0.00089	mg/L		03/01/24 10:01	03/02/24 14:55	1

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QC Sample Results

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

Job ID: 680-247345-1

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

Lab Sample ID: MB 680-825369/1-A
Matrix: Water
Analysis Batch: 825609

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 825369

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Beryllium	<0.00020		0.0025	0.00020	mg/L		03/01/24 10:01	03/02/24 14:55	1
Boron	0.0332	J	0.080	0.022	mg/L		03/01/24 10:01	03/02/24 14:55	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		03/01/24 10:01	03/02/24 14:55	1
Calcium	<0.14		0.50	0.14	mg/L		03/01/24 10:01	03/02/24 14:55	1
Chromium	<0.0012		0.0020	0.0012	mg/L		03/01/24 10:01	03/02/24 14:55	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		03/01/24 10:01	03/02/24 14:55	1
Copper	<0.0011		0.0020	0.0011	mg/L		03/01/24 10:01	03/02/24 14:55	1
Lead	<0.00021		0.0010	0.00021	mg/L		03/01/24 10:01	03/02/24 14:55	1
Magnesium	<0.023		0.50	0.023	mg/L		03/01/24 10:01	03/02/24 14:55	1
Nickel	<0.00042		0.0010	0.00042	mg/L		03/01/24 10:01	03/02/24 14:55	1
Potassium	<0.044		0.50	0.044	mg/L		03/01/24 10:01	03/02/24 14:55	1
Selenium	<0.00099		0.0050	0.00099	mg/L		03/01/24 10:01	03/02/24 14:55	1
Silver	<0.00039		0.0010	0.00039	mg/L		03/01/24 10:01	03/02/24 14:55	1
Sodium	<0.20		0.50	0.20	mg/L		03/01/24 10:01	03/02/24 14:55	1
Thallium	<0.00026		0.0010	0.00026	mg/L		03/01/24 10:01	03/02/24 14:55	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		03/01/24 10:01	03/02/24 14:55	1
Zinc	<0.0028		0.0050	0.0028	mg/L		03/01/24 10:01	03/02/24 14:55	1

Lab Sample ID: LCS 680-825369/2-A
Matrix: Water
Analysis Batch: 825609

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 825369

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Antimony	0.0500	0.0504		mg/L		101	80 - 120
Arsenic	0.100	0.0989		mg/L		99	80 - 120
Barium	0.100	0.100		mg/L		100	80 - 120
Beryllium	0.0500	0.0534		mg/L		107	80 - 120
Boron	0.400	0.414		mg/L		104	80 - 120
Cadmium	0.0500	0.0505		mg/L		101	80 - 120
Calcium	5.00	5.21		mg/L		104	80 - 120
Chromium	0.100	0.102		mg/L		101	80 - 120
Cobalt	0.0500	0.0534		mg/L		107	80 - 120
Copper	0.101	0.107		mg/L		106	80 - 120
Lead	0.500	0.470		mg/L		94	80 - 120
Magnesium	5.00	5.09		mg/L		102	80 - 120
Nickel	0.100	0.0987		mg/L		99	80 - 120
Potassium	7.00	7.10		mg/L		101	80 - 120
Selenium	0.100	0.0953		mg/L		95	80 - 120
Silver	0.0500	0.0515		mg/L		103	80 - 120
Sodium	5.03	4.94		mg/L		98	80 - 120
Thallium	0.0500	0.0501		mg/L		100	80 - 120
Vanadium	0.100	0.102		mg/L		102	80 - 120
Zinc	0.0505	0.0501		mg/L		99	80 - 120

QC Sample Results

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

Job ID: 680-247345-1

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

Lab Sample ID: 680-247327-A-1-B MS
Matrix: Water
Analysis Batch: 825609

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 825369

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec	
	Result	Qualifier	Added	Result	Qualifier				Limits	
Antimony	0.0056		0.0500	0.0586		mg/L		106	75 - 125	
Arsenic	0.0052		0.100	0.104		mg/L		99	75 - 125	
Barium	0.077		0.100	0.180		mg/L		103	75 - 125	
Beryllium	<0.00020		0.0500	0.0545		mg/L		109	75 - 125	
Boron	0.072	J B	0.400	0.467		mg/L		99	75 - 125	
Cadmium	0.00012	J	0.0500	0.0530		mg/L		106	75 - 125	
Calcium	46		5.00	50.7	4	mg/L		98	75 - 125	
Chromium	<0.0012		0.100	0.104		mg/L		104	75 - 125	
Cobalt	<0.00022		0.0500	0.0526		mg/L		105	75 - 125	
Copper	0.0012	J	0.101	0.107		mg/L		105	75 - 125	
Lead	<0.00021		0.500	0.485		mg/L		97	75 - 125	
Magnesium	26		5.00	31.3	4	mg/L		101	75 - 125	
Nickel	0.0011		0.100	0.101		mg/L		100	75 - 125	
Potassium	0.41	J	7.00	7.34		mg/L		99	75 - 125	
Selenium	<0.00099		0.100	0.0969		mg/L		97	75 - 125	
Silver	<0.00039		0.0500	0.0537		mg/L		107	75 - 125	
Sodium	20		5.03	25.5	4	mg/L		106	75 - 125	
Thallium	<0.00026		0.0500	0.0535		mg/L		107	75 - 125	
Vanadium	0.0041		0.100	0.105		mg/L		101	75 - 125	
Zinc	0.0070		0.0505	0.0562		mg/L		97	75 - 125	

Lab Sample ID: 680-247327-A-1-C MSD
Matrix: Water
Analysis Batch: 825609

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 825369

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec		RPD	
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD	Limit	
Antimony	0.0056		0.0500	0.0596		mg/L		108	75 - 125	2	20	
Arsenic	0.0052		0.100	0.108		mg/L		102	75 - 125	3	20	
Barium	0.077		0.100	0.185		mg/L		108	75 - 125	3	20	
Beryllium	<0.00020		0.0500	0.0558		mg/L		112	75 - 125	2	20	
Boron	0.072	J B	0.400	0.486		mg/L		104	75 - 125	4	20	
Cadmium	0.00012	J	0.0500	0.0536		mg/L		107	75 - 125	1	20	
Calcium	46		5.00	52.7	4	mg/L		140	75 - 125	4	20	
Chromium	<0.0012		0.100	0.106		mg/L		106	75 - 125	2	20	
Cobalt	<0.00022		0.0500	0.0544		mg/L		109	75 - 125	3	20	
Copper	0.0012	J	0.101	0.113		mg/L		111	75 - 125	5	20	
Lead	<0.00021		0.500	0.498		mg/L		100	75 - 125	3	20	
Magnesium	26		5.00	31.9	4	mg/L		112	75 - 125	2	20	
Nickel	0.0011		0.100	0.103		mg/L		101	75 - 125	1	20	
Potassium	0.41	J	7.00	7.76		mg/L		105	75 - 125	6	20	
Selenium	<0.00099		0.100	0.0993		mg/L		99	75 - 125	2	20	
Silver	<0.00039		0.0500	0.0550		mg/L		110	75 - 125	2	20	
Sodium	20		5.03	26.1	4	mg/L		118	75 - 125	2	20	
Thallium	<0.00026		0.0500	0.0547		mg/L		109	75 - 125	2	20	
Vanadium	0.0041		0.100	0.109		mg/L		105	75 - 125	4	20	
Zinc	0.0070		0.0505	0.0596		mg/L		104	75 - 125	6	20	

QC Sample Results

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

Job ID: 680-247345-1

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 680-825841/1-A
 Matrix: Water
 Analysis Batch: 825982

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 825841

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/05/24 10:40	03/05/24 14:58	1

Lab Sample ID: LCS 680-825841/2-A
 Matrix: Water
 Analysis Batch: 825982

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 825841

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00250	0.00257		mg/L		103	80 - 120

Lab Sample ID: 680-247185-E-2-D MS
 Matrix: Water
 Analysis Batch: 825982

Client Sample ID: Matrix Spike
 Prep Type: Total/NA
 Prep Batch: 825841

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.000080	F1	0.00100	0.000263	F1	mg/L		26	80 - 120

Lab Sample ID: 680-247185-E-2-E MSD
 Matrix: Water
 Analysis Batch: 825982

Client Sample ID: Matrix Spike Duplicate
 Prep Type: Total/NA
 Prep Batch: 825841

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.000080	F1	0.00100	0.000291	F1	mg/L		29	80 - 120	10	20

Method: 2320B-2011 - Alkalinity, Total

Lab Sample ID: MB 680-825906/4
 Matrix: Water
 Analysis Batch: 825906

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<2.2		5.0	2.2	mg/L			03/04/24 17:10	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			03/04/24 17:10	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			03/04/24 17:10	1

Lab Sample ID: LCS 680-825906/6
 Matrix: Water
 Analysis Batch: 825906

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

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

Lab Sample ID: LCSD 680-825906/31
 Matrix: Water
 Analysis Batch: 825906

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	250	250		mg/L		100	90 - 112	0	30

QC Sample Results

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

Job ID: 680-247345-1

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

Lab Sample ID: 680-247338-F-11 DU
 Matrix: Water
 Analysis Batch: 825906

Client Sample ID: Duplicate
 Prep Type: Total/NA

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Total Alkalinity as CaCO ₃ to pH 4.5	3.5	J	<2.2		mg/L		NC	30
Bicarbonate Alkalinity as CaCO ₃	<5.0		<5.0		mg/L		NC	30
Carbonate Alkalinity as CaCO ₃	<5.0		<5.0		mg/L		NC	30

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

Lab Sample ID: MB 680-825918/1
 Matrix: Water
 Analysis Batch: 825918

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Total Dissolved Solids	<10		10	10	mg/L			03/05/24 15:10	1

Lab Sample ID: LCS 680-825918/2
 Matrix: Water
 Analysis Batch: 825918

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

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Total Dissolved Solids	2410	2430		mg/L		101	80 - 120

Lab Sample ID: LCSD 680-825918/3
 Matrix: Water
 Analysis Batch: 825918

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

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec Limits	RPD	Limit
		Result	Qualifier						
Total Dissolved Solids	2410	2430		mg/L		101	80 - 120	0	25

Lab Sample ID: 680-247364-C-1 DU
 Matrix: Water
 Analysis Batch: 825918

Client Sample ID: Duplicate
 Prep Type: Total/NA

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Total Dissolved Solids	1000		996		mg/L		1	5

QC Association Summary

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

Job ID: 680-247345-1

HPLC/IC

Analysis Batch: 827863

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247345-1	SCH-GWA-16	Total/NA	Water	300.0-1993 R2.1	
680-247345-2	SCH-GWA-17	Total/NA	Water	300.0-1993 R2.1	
MB 680-827863/1010	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-827863/11	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-827863/12	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
680-247591-M-4 MS	Matrix Spike	Total/NA	Water	300.0-1993 R2.1	
680-247591-M-4 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0-1993 R2.1	

Metals

Prep Batch: 825369

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247345-1	SCH-GWA-16	Total Recoverable	Water	3005A	
680-247345-2	SCH-GWA-17	Total Recoverable	Water	3005A	
MB 680-825369/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-825369/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
680-247327-A-1-B MS	Matrix Spike	Total Recoverable	Water	3005A	
680-247327-A-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Analysis Batch: 825609

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247345-1	SCH-GWA-16	Total Recoverable	Water	6020B	825369
680-247345-2	SCH-GWA-17	Total Recoverable	Water	6020B	825369
MB 680-825369/1-A	Method Blank	Total Recoverable	Water	6020B	825369
LCS 680-825369/2-A	Lab Control Sample	Total Recoverable	Water	6020B	825369
680-247327-A-1-B MS	Matrix Spike	Total Recoverable	Water	6020B	825369
680-247327-A-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	825369

Prep Batch: 825841

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247345-1	SCH-GWA-16	Total/NA	Water	7470A	
680-247345-2	SCH-GWA-17	Total/NA	Water	7470A	
MB 680-825841/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-825841/2-A	Lab Control Sample	Total/NA	Water	7470A	
680-247185-E-2-D MS	Matrix Spike	Total/NA	Water	7470A	
680-247185-E-2-E MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 825982

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247345-1	SCH-GWA-16	Total/NA	Water	7470A	825841
680-247345-2	SCH-GWA-17	Total/NA	Water	7470A	825841
MB 680-825841/1-A	Method Blank	Total/NA	Water	7470A	825841
LCS 680-825841/2-A	Lab Control Sample	Total/NA	Water	7470A	825841
680-247185-E-2-D MS	Matrix Spike	Total/NA	Water	7470A	825841
680-247185-E-2-E MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	825841

General Chemistry

Analysis Batch: 825906

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247345-1	SCH-GWA-16	Total/NA	Water	2320B-2011	
680-247345-2	SCH-GWA-17	Total/NA	Water	2320B-2011	

Eurofins Savannah

QC Association Summary

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

Job ID: 680-247345-1

General Chemistry (Continued)

Analysis Batch: 825906 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 680-825906/4	Method Blank	Total/NA	Water	2320B-2011	
LCS 680-825906/6	Lab Control Sample	Total/NA	Water	2320B-2011	
LCSD 680-825906/31	Lab Control Sample Dup	Total/NA	Water	2320B-2011	
680-247338-F-11 DU	Duplicate	Total/NA	Water	2320B-2011	

Analysis Batch: 825918

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247345-1	SCH-GWA-16	Total/NA	Water	2540C-2011	
680-247345-2	SCH-GWA-17	Total/NA	Water	2540C-2011	
MB 680-825918/1	Method Blank	Total/NA	Water	2540C-2011	
LCS 680-825918/2	Lab Control Sample	Total/NA	Water	2540C-2011	
LCSD 680-825918/3	Lab Control Sample Dup	Total/NA	Water	2540C-2011	
680-247364-C-1 DU	Duplicate	Total/NA	Water	2540C-2011	

Lab Chronicle

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

Job ID: 680-247345-1

Client Sample ID: SCH-GWA-16

Lab Sample ID: 680-247345-1

Date Collected: 02/28/24 16:15

Matrix: Water

Date Received: 02/29/24 12:14

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	2 mL	2 mL	827863	03/15/24 17:10	GE	EET SAV
Instrument ID: CICR										
Total Recoverable	Prep	3005A			25 mL	125 mL	825369	03/01/24 10:01	BCB	EET SAV
Total Recoverable	Analysis	6020B		1			825609	03/02/24 15:35	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	825841	03/05/24 10:40	BCB	EET SAV
Total/NA	Analysis	7470A		1			825982	03/05/24 15:13	BJB	EET SAV
Instrument ID: QuickTrace2										
Total/NA	Analysis	2320B-2011		1			825906	03/04/24 19:53	PG	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	825918	03/05/24 15:10	PG	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWA-17

Lab Sample ID: 680-247345-2

Date Collected: 02/28/24 16:35

Matrix: Water

Date Received: 02/29/24 12:14

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	2 mL	2 mL	827863	03/15/24 17:16	GE	EET SAV
Instrument ID: CICR										
Total Recoverable	Prep	3005A			25 mL	125 mL	825369	03/01/24 10:01	BCB	EET SAV
Total Recoverable	Analysis	6020B		1			825609	03/02/24 15:38	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	825841	03/05/24 10:40	BCB	EET SAV
Total/NA	Analysis	7470A		1			825982	03/05/24 15:11	BJB	EET SAV
Instrument ID: QuickTrace2										
Total/NA	Analysis	2320B-2011		1			825906	03/04/24 20:01	PG	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	825918	03/05/24 15:10	PG	EET SAV
Instrument ID: NOEQUIP										

Laboratory References:

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

Accreditation/Certification Summary

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

Job ID: 680-247345-1

Laboratory: Eurofins Savannah

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

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87052	06-30-24
Georgia	State	E87052	06-30-24

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

Method Summary

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

Job ID: 680-247345-1

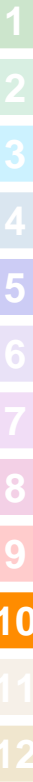
Method	Method Description	Protocol	Laboratory
300.0-1993 R2.1	Anions, Ion Chromatography	MCAWW	EET SAV
6020B	Metals (ICP/MS)	SW846	EET SAV
7470A	Mercury (CVAA)	SW846	EET SAV
2320B-2011	Alkalinity, Total	SM	EET SAV
2540C-2011	Total Dissolved Solids (Dried at 180 °C)	SM	EET SAV
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET SAV
7470A	Preparation, Mercury	SW846	EET SAV

Protocol References:

- MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.
- SM = "Standard Methods For The Examination Of Water And Wastewater"
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

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



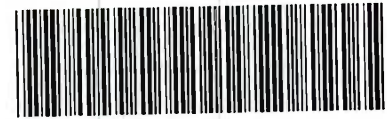
Eurofins Savannah

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

Chain of Custody Record



Client Information			Sampler(s): Mark Mann		Lab PM / Phone: David Fuller / 770-344-8986		Carrier Tracking No(s):		COC No:													
Client Contact: Joju Abraham			Site-Project Manager / Phone: Dawn Prell / 248-536-5445		E-Mail: David.Fuller@et.eurofinsus.com		State of Origin: GA		Page: Page 1 of 1													
Company: Southern Company					Analysis Requested					Job #:												
Address: 241 Ralph McGill Blvd SE B10185			Due Date Requested:		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="writing-mode: vertical-rl; transform: rotate(180deg);">Field Filtered Sample (Yes or No)</td> <td style="writing-mode: vertical-rl; transform: rotate(180deg);">Perform MS/MSD (Yes or No)</td> <td style="writing-mode: vertical-rl; transform: rotate(180deg);">300_ORGFM_28D - Chloride, Fluoride, Sulfate</td> <td style="writing-mode: vertical-rl; transform: rotate(180deg);">2640C - Solids, Total Dissolved (TDS)</td> <td style="writing-mode: vertical-rl; transform: rotate(180deg);">6020B - App III, State (16) Metals + Cations (Mg, K, Na)</td> <td style="writing-mode: vertical-rl; transform: rotate(180deg);">7470A - Mercury</td> <td style="writing-mode: vertical-rl; transform: rotate(180deg);">2320B - Alkalinity, Total, Carb/Bicarb</td> <td colspan="4" style="writing-mode: vertical-rl; transform: rotate(180deg);">Total Number of containers</td> </tr> </table>					Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2640C - Solids, Total Dissolved (TDS)	6020B - App III, State (16) Metals + Cations (Mg, K, Na)	7470A - Mercury	2320B - Alkalinity, Total, Carb/Bicarb	Total Number of containers				Preservation Codes:	
Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2640C - Solids, Total Dissolved (TDS)	6020B - App III, State (16) Metals + Cations (Mg, K, Na)						7470A - Mercury	2320B - Alkalinity, Total, Carb/Bicarb	Total Number of containers										
City: Atlanta			TAT Requested (days): 2 weeks							A - HCL		M - Hexane										
State, Zip: GA, 30308			Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No							B - NaOH		N - None										
Phone:			Lab Project # (DO NOT REMOVE) 68027798							C - Zn Acetate		O - AsNaO2										
Email: JAbraham@southernco.com			Lab PO #: GPC82130-0006 / PO Line #3		D - Nitric Acid		P - Na2O4S															
Project Name: CCR - Plant Scherer Cell 1			Project #:		E - NaHSO4		Q - Na2SO3															
Site:					F - MeOH		R - Na2S2O3															
					G - Amchlor		S - H2SO4															
					H - Ascorbic Acid		T - TSP Dodecahydrate															
					I - Ice		U - MCAA															
					J - DI Water		V - MCAA															
					K - EDTA		W - pH 4-5															
					L - EDTA		Y - Trizma															
							Z - other (specify)															
									Task Code: SCH-CCR-ASSMT-2024S1													
									Special Instructions/Notes:													

Sample Identification			Sample Date		Sample Time		Sample Type (C=Comp, G=grab)		Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)		Preservation Code:	
SCH-GWA-16			2/28/24		16:15		G WG		N N		X X X X X X	
SCH-GWA-17			2/28/24		16:35		G WG		N N		X X X X X X	


680-247345 Chain of Custody

Possible Hazard Identification				Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)			
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological				<input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months			
Deliverable Requested: I, II, III, IV, Other (specify)				Special Instructions/QC Requirements:			
Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:	
Relinquished by: MARK MANN / <i>[Signature]</i>		Date/Time: 02/29/24 0820		Company: WSP		Received by: E Cook <i>[Signature]</i>	
Relinquished by:		Date/Time:		Company:		Date/Time: 2/29/24 8:20	
Relinquished by:		Date/Time:		Company:		Date/Time: 2/29/24 12:14	
Relinquished by:		Date/Time:		Company:		Date/Time: 3-2/3-2	
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:			

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-247345-1

Login Number: 247345

List Number: 1

Creator: Johnson, Corey M

List Source: Eurofins Savannah

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

 **ANALYTICAL REPORT****PREPARED FOR**

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

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JOB DESCRIPTION

CCR - Plant Scherer Cell 1

JOB NUMBER

680-247427-1

Eurofins Savannah

Job Notes

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

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

Authorization



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

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Definitions/Glossary

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

Job ID: 680-247427-1

Qualifiers

HPLC/IC

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

Metals

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
F3	Duplicate RPD exceeds the control limit
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

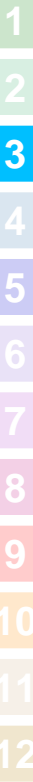
Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio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

Sample Summary

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

Job ID: 680-247427-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-247427-1	SCH-GWC-4	Water	02/29/24 09:35	03/02/24 09:41
680-247427-2	SCH-GWC-5	Water	02/29/24 11:15	03/02/24 09:41
680-247427-3	SCH-GWC-6	Water	02/29/24 13:25	03/02/24 09:41
680-247427-4	SCH-GWC-7	Water	02/29/24 14:30	03/02/24 09:41
680-247427-5	SCH-GWC-8A	Water	02/29/24 15:36	03/02/24 09:41
680-247427-6	SCH-GWC-11	Water	02/29/24 16:38	03/02/24 09:41
680-247427-7	SCH-GWC-12	Water	02/29/24 14:37	03/02/24 09:41
680-247427-8	SCH-GWC-18	Water	02/29/24 15:42	03/02/24 09:41
680-247427-9	SCH-GWC-19	Water	02/29/24 14:40	03/02/24 09:41
680-247427-10	SCH-CELL1-FD-5	Water	02/29/24 00:00	03/02/24 09:41
680-247427-11	SCH-CELL1-FD-6	Water	02/29/24 00:00	03/02/24 09:41
680-247427-12	SCH-CELL1-EB-5	Water	02/29/24 12:30	03/02/24 09:41
680-247427-13	SCH-CELL1-FB-5	Water	02/29/24 11:30	03/02/24 09:41
680-247427-14	SCH-CELL1-EB-6	Water	02/29/24 15:55	03/02/24 09:41
680-247427-15	SCH-CELL1-FB-6	Water	02/29/24 14:50	03/02/24 09:41
680-247427-16	SCH-GWC-20	Water	03/01/24 10:35	03/02/24 09:41
680-247427-17	SCH-GWC-1	Water	03/01/24 10:00	03/02/24 09:41
680-247427-18	SCH-GWC-9	Water	03/01/24 09:37	03/02/24 09:41
680-247427-19	SCH-GWC-13	Water	03/01/24 08:40	03/02/24 09:41
680-247427-20	SCH-GWC-14	Water	03/01/24 09:22	03/02/24 09:41
680-247427-21	SCH-GWC-2	Water	03/01/24 08:33	03/02/24 09:41
680-247427-22	SCH-GWC-10	Water	03/01/24 11:25	03/02/24 09:41



Case Narrative

Client: Southern Company
Project: CCR - Plant Scherer Cell 1

Job ID: 680-247427-1

Job ID: 680-247427-1

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Job Narrative 680-247427-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

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

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 3/2/2024 9:41 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 4 coolers at receipt time were 0.3°C, 0.5°C, 2.8°C and 2.8°C.

HPLC/IC

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

Metals

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

General Chemistry

Method 2540C: A lesser volume of sample was used for the following samples due to the nature of the sample matrix resulting in elevated reporting limits: SCH-GWC-4 (680-247427-1), SCH-GWC-5 (680-247427-2), SCH-GWC-8A (680-247427-5) and SCH-CELL1-FD-5 (680-247427-10).

Method 2540C: The sample duplicate precision for the following sample associated with analytical batch 680-826067 was outside control limits: (680-247418-A-3 DU). The associated Laboratory Control Sample / Laboratory Control Sample Duplicate (LCS/LCSD) precision met acceptance criteria.

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

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Client Sample Results

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

Job ID: 680-247427-1

Client Sample ID: SCH-GWC-4

Lab Sample ID: 680-247427-1

Date Collected: 02/29/24 09:35

Matrix: Water

Date Received: 03/02/24 09:41

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	21		2.0	0.40	mg/L			03/07/24 02:06	2
Fluoride	<0.40		0.80	0.40	mg/L			03/07/24 02:06	2
Sulfate	84		2.0	1.0	mg/L			03/07/24 02:06	2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		03/04/24 06:05	03/04/24 15:08	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		03/04/24 06:05	03/04/24 15:08	1
Barium	0.10		0.010	0.00089	mg/L		03/04/24 06:05	03/04/24 15:08	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		03/04/24 06:05	03/04/24 15:08	1
Boron	<0.022		0.080	0.022	mg/L		03/04/24 06:05	03/04/24 15:08	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		03/04/24 06:05	03/04/24 15:08	1
Calcium	31		0.50	0.14	mg/L		03/04/24 06:05	03/04/24 15:08	1
Chromium	0.0038		0.0020	0.0012	mg/L		03/04/24 06:05	03/04/24 15:08	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		03/04/24 06:05	03/04/24 15:08	1
Copper	<0.0011		0.0020	0.0011	mg/L		03/04/24 06:05	03/04/24 15:08	1
Lead	<0.00021		0.0010	0.00021	mg/L		03/04/24 06:05	03/04/24 15:08	1
Magnesium	19		0.50	0.023	mg/L		03/04/24 06:05	03/04/24 15:08	1
Nickel	0.0015	B	0.0010	0.00042	mg/L		03/04/24 06:05	03/04/24 15:08	1
Potassium	1.8		0.50	0.044	mg/L		03/04/24 06:05	03/04/24 15:08	1
Selenium	0.0042	J	0.0050	0.00099	mg/L		03/04/24 06:05	03/04/24 15:08	1
Silver	<0.00039		0.0010	0.00039	mg/L		03/04/24 06:05	03/04/24 15:08	1
Sodium	15		0.50	0.20	mg/L		03/04/24 06:05	03/04/24 15:08	1
Thallium	<0.00026		0.0010	0.00026	mg/L		03/04/24 06:05	03/04/24 15:08	1
Vanadium	0.0049		0.0020	0.00063	mg/L		03/04/24 06:05	03/04/24 15:08	1
Zinc	<0.0028		0.0050	0.0028	mg/L		03/04/24 06:05	03/04/24 15:08	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/07/24 09:53	03/07/24 17:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	63		5.0	2.2	mg/L			03/05/24 01:20	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	63		5.0	5.0	mg/L			03/05/24 01:20	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			03/05/24 01:20	1
Total Dissolved Solids (SM 2540C-2011)	260		40	40	mg/L			03/06/24 10:46	1

Client Sample ID: SCH-GWC-5

Lab Sample ID: 680-247427-2

Date Collected: 02/29/24 11:15

Matrix: Water

Date Received: 03/02/24 09:41

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.2		2.0	0.40	mg/L			03/07/24 02:23	2
Fluoride	<0.40		0.80	0.40	mg/L			03/07/24 02:23	2
Sulfate	75		2.0	1.0	mg/L			03/07/24 02:23	2

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Client Sample Results

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

Job ID: 680-247427-1

Client Sample ID: SCH-GWC-5

Lab Sample ID: 680-247427-2

Date Collected: 02/29/24 11:15

Matrix: Water

Date Received: 03/02/24 09:41

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		03/04/24 06:05	03/04/24 15:00	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		03/04/24 06:05	03/04/24 15:00	1
Barium	0.042		0.010	0.00089	mg/L		03/04/24 06:05	03/04/24 15:00	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		03/04/24 06:05	03/04/24 15:00	1
Boron	0.17	B	0.080	0.022	mg/L		03/04/24 06:05	03/04/24 15:00	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		03/04/24 06:05	03/04/24 15:00	1
Calcium	30		0.50	0.14	mg/L		03/04/24 06:05	03/04/24 15:00	1
Chromium	0.0074		0.0020	0.0012	mg/L		03/04/24 06:05	03/04/24 15:00	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		03/04/24 06:05	03/04/24 15:00	1
Copper	<0.0011		0.0020	0.0011	mg/L		03/04/24 06:05	03/04/24 15:00	1
Lead	<0.00021		0.0010	0.00021	mg/L		03/04/24 06:05	03/04/24 15:00	1
Magnesium	16		0.50	0.023	mg/L		03/04/24 06:05	03/04/24 15:00	1
Nickel	0.00049	J B	0.0010	0.00042	mg/L		03/04/24 06:05	03/04/24 15:00	1
Potassium	1.1		0.50	0.044	mg/L		03/04/24 06:05	03/04/24 15:00	1
Selenium	0.0018	J	0.0050	0.00099	mg/L		03/04/24 06:05	03/04/24 15:00	1
Silver	<0.00039		0.0010	0.00039	mg/L		03/04/24 06:05	03/04/24 15:00	1
Sodium	14		0.50	0.20	mg/L		03/04/24 06:05	03/04/24 15:00	1
Thallium	<0.00026		0.0010	0.00026	mg/L		03/04/24 06:05	03/04/24 15:00	1
Vanadium	0.0029		0.0020	0.00063	mg/L		03/04/24 06:05	03/04/24 15:00	1
Zinc	<0.0028		0.0050	0.0028	mg/L		03/04/24 06:05	03/04/24 15:00	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/07/24 09:53	03/07/24 17:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	73		5.0	2.2	mg/L			03/04/24 23:46	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	73		5.0	5.0	mg/L			03/04/24 23:46	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			03/04/24 23:46	1
Total Dissolved Solids (SM 2540C-2011)	190		40	40	mg/L			03/06/24 10:46	1

Client Sample ID: SCH-GWC-6

Lab Sample ID: 680-247427-3

Date Collected: 02/29/24 13:25

Matrix: Water

Date Received: 03/02/24 09:41

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.0		1.0	0.20	mg/L			03/07/24 02:40	1
Fluoride	<0.20		0.40	0.20	mg/L			03/07/24 02:40	1
Sulfate	25		1.0	0.50	mg/L			03/07/24 02:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		03/04/24 06:05	03/04/24 14:28	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		03/04/24 06:05	03/04/24 14:28	1
Barium	0.060		0.010	0.00089	mg/L		03/04/24 06:05	03/04/24 14:28	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		03/04/24 06:05	03/04/24 14:28	1

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Client Sample Results

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

Job ID: 680-247427-1

Client Sample ID: SCH-GWC-6

Lab Sample ID: 680-247427-3

Date Collected: 02/29/24 13:25

Matrix: Water

Date Received: 03/02/24 09:41

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.022		0.080	0.022	mg/L		03/04/24 06:05	03/04/24 14:28	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		03/04/24 06:05	03/04/24 14:28	1
Calcium	20		0.50	0.14	mg/L		03/04/24 06:05	03/04/24 14:28	1
Chromium	0.0051		0.0020	0.0012	mg/L		03/04/24 06:05	03/04/24 14:28	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		03/04/24 06:05	03/04/24 14:28	1
Copper	<0.0011		0.0020	0.0011	mg/L		03/04/24 06:05	03/04/24 14:28	1
Lead	<0.00021		0.0010	0.00021	mg/L		03/04/24 06:05	03/04/24 14:28	1
Magnesium	9.6		0.50	0.023	mg/L		03/04/24 06:05	03/04/24 14:28	1
Nickel	0.00098	J B	0.0010	0.00042	mg/L		03/04/24 06:05	03/04/24 14:28	1
Potassium	1.8		0.50	0.044	mg/L		03/04/24 06:05	03/04/24 14:28	1
Selenium	<0.00099		0.0050	0.00099	mg/L		03/04/24 06:05	03/04/24 14:28	1
Silver	<0.00039		0.0010	0.00039	mg/L		03/04/24 06:05	03/04/24 14:28	1
Sodium	11		0.50	0.20	mg/L		03/04/24 06:05	03/04/24 14:28	1
Thallium	<0.00026		0.0010	0.00026	mg/L		03/04/24 06:05	03/04/24 14:28	1
Vanadium	0.0093		0.0020	0.00063	mg/L		03/04/24 06:05	03/04/24 14:28	1
Zinc	<0.0028		0.0050	0.0028	mg/L		03/04/24 06:05	03/04/24 14:28	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/07/24 09:53	03/07/24 17:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	81		5.0	2.2	mg/L			03/05/24 01:29	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	81		5.0	5.0	mg/L			03/05/24 01:29	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			03/05/24 01:29	1
Total Dissolved Solids (SM 2540C-2011)	160		10	10	mg/L			03/06/24 10:46	1

Client Sample ID: SCH-GWC-7

Lab Sample ID: 680-247427-4

Date Collected: 02/29/24 14:30

Matrix: Water

Date Received: 03/02/24 09:41

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.8		1.0	0.20	mg/L			03/07/24 04:21	1
Fluoride	<0.20		0.40	0.20	mg/L			03/07/24 04:21	1
Sulfate	1.5		1.0	0.50	mg/L			03/07/24 04:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		03/04/24 06:05	03/04/24 14:31	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		03/04/24 06:05	03/04/24 14:31	1
Barium	0.041		0.010	0.00089	mg/L		03/04/24 06:05	03/04/24 14:31	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		03/04/24 06:05	03/04/24 14:31	1
Boron	<0.022		0.080	0.022	mg/L		03/04/24 06:05	03/04/24 14:31	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		03/04/24 06:05	03/04/24 14:31	1
Calcium	17		0.50	0.14	mg/L		03/04/24 06:05	03/04/24 14:31	1
Chromium	0.012		0.0020	0.0012	mg/L		03/04/24 06:05	03/04/24 14:31	1

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Client Sample Results

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

Job ID: 680-247427-1

Client Sample ID: SCH-GWC-7

Lab Sample ID: 680-247427-4

Date Collected: 02/29/24 14:30

Matrix: Water

Date Received: 03/02/24 09:41

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	<0.00022		0.0025	0.00022	mg/L		03/04/24 06:05	03/04/24 14:31	1
Copper	<0.0011		0.0020	0.0011	mg/L		03/04/24 06:05	03/04/24 14:31	1
Lead	<0.00021		0.0010	0.00021	mg/L		03/04/24 06:05	03/04/24 14:31	1
Magnesium	8.0		0.50	0.023	mg/L		03/04/24 06:05	03/04/24 14:31	1
Nickel	<0.00042		0.0010	0.00042	mg/L		03/04/24 06:05	03/04/24 14:31	1
Potassium	1.2		0.50	0.044	mg/L		03/04/24 06:05	03/04/24 14:31	1
Selenium	<0.00099		0.0050	0.00099	mg/L		03/04/24 06:05	03/04/24 14:31	1
Silver	<0.00039		0.0010	0.00039	mg/L		03/04/24 06:05	03/04/24 14:31	1
Sodium	9.5		0.50	0.20	mg/L		03/04/24 06:05	03/04/24 14:31	1
Thallium	<0.00026		0.0010	0.00026	mg/L		03/04/24 06:05	03/04/24 14:31	1
Vanadium	0.013		0.0020	0.00063	mg/L		03/04/24 06:05	03/04/24 14:31	1
Zinc	<0.0028		0.0050	0.0028	mg/L		03/04/24 06:05	03/04/24 14:31	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/07/24 09:53	03/07/24 17:24	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	82		5.0	2.2	mg/L			03/05/24 00:09	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	82		5.0	5.0	mg/L			03/05/24 00:09	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			03/05/24 00:09	1
Total Dissolved Solids (SM 2540C-2011)	130		10	10	mg/L			03/06/24 10:46	1

Client Sample ID: SCH-GWC-8A

Lab Sample ID: 680-247427-5

Date Collected: 02/29/24 15:36

Matrix: Water

Date Received: 03/02/24 09:41

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.1		1.0	0.20	mg/L			03/07/24 05:12	1
Fluoride	<0.20		0.40	0.20	mg/L			03/07/24 05:12	1
Sulfate	18		1.0	0.50	mg/L			03/07/24 05:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		03/04/24 06:05	03/04/24 15:03	1
Arsenic	0.00089	J	0.0010	0.00086	mg/L		03/04/24 06:05	03/04/24 15:03	1
Barium	0.042		0.010	0.00089	mg/L		03/04/24 06:05	03/04/24 15:03	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		03/04/24 06:05	03/04/24 15:03	1
Boron	0.15	B	0.080	0.022	mg/L		03/04/24 06:05	03/04/24 15:03	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		03/04/24 06:05	03/04/24 15:03	1
Calcium	49		0.50	0.14	mg/L		03/04/24 06:05	03/04/24 15:03	1
Chromium	<0.0012		0.0020	0.0012	mg/L		03/04/24 06:05	03/04/24 15:03	1
Cobalt	0.0031		0.0025	0.00022	mg/L		03/04/24 06:05	03/04/24 15:03	1
Copper	<0.0011		0.0020	0.0011	mg/L		03/04/24 06:05	03/04/24 15:03	1
Lead	0.00021	J	0.0010	0.00021	mg/L		03/04/24 06:05	03/04/24 15:03	1
Magnesium	24		0.50	0.023	mg/L		03/04/24 06:05	03/04/24 15:03	1

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Client Sample Results

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

Job ID: 680-247427-1

Client Sample ID: SCH-GWC-8A

Lab Sample ID: 680-247427-5

Date Collected: 02/29/24 15:36

Matrix: Water

Date Received: 03/02/24 09:41

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	0.0055	B	0.0010	0.00042	mg/L		03/04/24 06:05	03/04/24 15:03	1
Potassium	2.3		0.50	0.044	mg/L		03/04/24 06:05	03/04/24 15:03	1
Selenium	<0.00099		0.0050	0.00099	mg/L		03/04/24 06:05	03/04/24 15:03	1
Silver	<0.00039		0.0010	0.00039	mg/L		03/04/24 06:05	03/04/24 15:03	1
Sodium	15		0.50	0.20	mg/L		03/04/24 06:05	03/04/24 15:03	1
Thallium	<0.00026		0.0010	0.00026	mg/L		03/04/24 06:05	03/04/24 15:03	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		03/04/24 06:05	03/04/24 15:03	1
Zinc	<0.0028		0.0050	0.0028	mg/L		03/04/24 06:05	03/04/24 15:03	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/07/24 09:53	03/07/24 17:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	230		5.0	2.2	mg/L			03/05/24 01:48	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	230		5.0	5.0	mg/L			03/05/24 01:48	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			03/05/24 01:48	1
Total Dissolved Solids (SM 2540C-2011)	270		40	40	mg/L			03/06/24 10:46	1

Client Sample ID: SCH-GWC-11

Lab Sample ID: 680-247427-6

Date Collected: 02/29/24 16:38

Matrix: Water

Date Received: 03/02/24 09:41

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.2		1.0	0.20	mg/L			03/07/24 05:29	1
Fluoride	<0.20		0.40	0.20	mg/L			03/07/24 05:29	1
Sulfate	<0.50		1.0	0.50	mg/L			03/07/24 05:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		03/04/24 06:05	03/04/24 15:37	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		03/04/24 06:05	03/04/24 15:37	1
Barium	0.020		0.010	0.00089	mg/L		03/04/24 06:05	03/04/24 15:37	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		03/04/24 06:05	03/04/24 15:37	1
Boron	<0.022		0.080	0.022	mg/L		03/04/24 06:05	03/04/24 15:37	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		03/04/24 06:05	03/04/24 15:37	1
Calcium	14		0.50	0.14	mg/L		03/04/24 06:05	03/04/24 15:37	1
Chromium	0.0086		0.0020	0.0012	mg/L		03/04/24 06:05	03/04/24 15:37	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		03/04/24 06:05	03/04/24 15:37	1
Copper	<0.0011		0.0020	0.0011	mg/L		03/04/24 06:05	03/04/24 15:37	1
Lead	0.0012		0.0010	0.00021	mg/L		03/04/24 06:05	03/04/24 15:37	1
Magnesium	7.3		0.50	0.023	mg/L		03/04/24 06:05	03/04/24 15:37	1
Nickel	0.00099	J	0.0010	0.00042	mg/L		03/04/24 06:05	03/04/24 15:37	1
Potassium	0.85		0.50	0.044	mg/L		03/04/24 06:05	03/04/24 15:37	1
Selenium	<0.00099		0.0050	0.00099	mg/L		03/04/24 06:05	03/04/24 15:37	1
Silver	<0.00039		0.0010	0.00039	mg/L		03/04/24 06:05	03/04/24 15:37	1

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Client Sample Results

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

Job ID: 680-247427-1

Client Sample ID: SCH-GWC-11

Lab Sample ID: 680-247427-6

Date Collected: 02/29/24 16:38

Matrix: Water

Date Received: 03/02/24 09:41

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	5.3		0.50	0.20	mg/L		03/04/24 06:05	03/04/24 15:37	1
Thallium	<0.00026		0.0010	0.00026	mg/L		03/04/24 06:05	03/04/24 15:37	1
Vanadium	0.011		0.0020	0.00063	mg/L		03/04/24 06:05	03/04/24 15:37	1
Zinc	0.0036	J	0.0050	0.0028	mg/L		03/04/24 06:05	03/04/24 15:37	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/05/24 11:18	03/05/24 17:22	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	73		5.0	2.2	mg/L			03/05/24 01:37	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	73		5.0	5.0	mg/L			03/05/24 01:37	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			03/05/24 01:37	1
Total Dissolved Solids (SM 2540C-2011)	110		10	10	mg/L			03/06/24 10:46	1

Client Sample ID: SCH-GWC-12

Lab Sample ID: 680-247427-7

Date Collected: 02/29/24 14:37

Matrix: Water

Date Received: 03/02/24 09:41

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.3		1.0	0.20	mg/L			03/07/24 05:46	1
Fluoride	<0.20		0.40	0.20	mg/L			03/07/24 05:46	1
Sulfate	<0.50		1.0	0.50	mg/L			03/07/24 05:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		03/04/24 06:05	03/04/24 13:57	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		03/04/24 06:05	03/04/24 13:57	1
Barium	0.019		0.010	0.00089	mg/L		03/04/24 06:05	03/04/24 13:57	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		03/04/24 06:05	03/04/24 13:57	1
Boron	0.024	J	0.080	0.022	mg/L		03/04/24 06:05	03/05/24 10:06	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		03/04/24 06:05	03/04/24 13:57	1
Calcium	1.4		0.50	0.14	mg/L		03/04/24 06:05	03/04/24 13:57	1
Chromium	0.0021		0.0020	0.0012	mg/L		03/04/24 06:05	03/04/24 13:57	1
Cobalt	0.00027	J	0.0025	0.00022	mg/L		03/04/24 06:05	03/04/24 13:57	1
Copper	<0.0011		0.0020	0.0011	mg/L		03/04/24 06:05	03/04/24 13:57	1
Lead	<0.00021		0.0010	0.00021	mg/L		03/04/24 06:05	03/04/24 13:57	1
Magnesium	1.0		0.50	0.023	mg/L		03/04/24 06:05	03/04/24 13:57	1
Nickel	0.00092	J B	0.0010	0.00042	mg/L		03/04/24 06:05	03/04/24 13:57	1
Potassium	0.37	J	0.50	0.044	mg/L		03/04/24 06:05	03/04/24 13:57	1
Selenium	<0.00099		0.0050	0.00099	mg/L		03/04/24 06:05	03/04/24 13:57	1
Silver	<0.00039		0.0010	0.00039	mg/L		03/04/24 06:05	03/04/24 13:57	1
Sodium	3.0		0.50	0.20	mg/L		03/04/24 06:05	03/04/24 13:57	1
Thallium	<0.00026		0.0010	0.00026	mg/L		03/04/24 06:05	03/04/24 13:57	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		03/04/24 06:05	03/04/24 13:57	1
Zinc	<0.0028		0.0050	0.0028	mg/L		03/04/24 06:05	03/04/24 13:57	1

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Client Sample Results

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

Job ID: 680-247427-1

Client Sample ID: SCH-GWC-12

Lab Sample ID: 680-247427-7

Date Collected: 02/29/24 14:37

Matrix: Water

Date Received: 03/02/24 09:41

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/05/24 13:17	03/06/24 11:17	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	12		5.0	2.2	mg/L			03/04/24 20:50	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	12		5.0	5.0	mg/L			03/04/24 20:50	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			03/04/24 20:50	1
Total Dissolved Solids (SM 2540C-2011)	32		10	10	mg/L			03/06/24 10:46	1

Client Sample ID: SCH-GWC-18

Lab Sample ID: 680-247427-8

Date Collected: 02/29/24 15:42

Matrix: Water

Date Received: 03/02/24 09:41

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.2		1.0	0.20	mg/L			03/07/24 06:03	1
Fluoride	<0.20		0.40	0.20	mg/L			03/07/24 06:03	1
Sulfate	1.8		1.0	0.50	mg/L			03/07/24 06:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		03/04/24 06:05	03/04/24 14:51	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		03/04/24 06:05	03/04/24 14:51	1
Barium	0.037		0.010	0.00089	mg/L		03/04/24 06:05	03/04/24 14:51	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		03/04/24 06:05	03/04/24 14:51	1
Boron	<0.022		0.080	0.022	mg/L		03/04/24 06:05	03/04/24 14:51	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		03/04/24 06:05	03/04/24 14:51	1
Calcium	11		0.50	0.14	mg/L		03/04/24 06:05	03/04/24 14:51	1
Chromium	0.013		0.0020	0.0012	mg/L		03/04/24 06:05	03/04/24 14:51	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		03/04/24 06:05	03/04/24 14:51	1
Copper	<0.0011		0.0020	0.0011	mg/L		03/04/24 06:05	03/04/24 14:51	1
Lead	<0.00021		0.0010	0.00021	mg/L		03/04/24 06:05	03/04/24 14:51	1
Magnesium	5.2		0.50	0.023	mg/L		03/04/24 06:05	03/04/24 14:51	1
Nickel	<0.00042		0.0010	0.00042	mg/L		03/04/24 06:05	03/04/24 14:51	1
Potassium	0.78		0.50	0.044	mg/L		03/04/24 06:05	03/04/24 14:51	1
Selenium	<0.00099		0.0050	0.00099	mg/L		03/04/24 06:05	03/04/24 14:51	1
Silver	<0.00039		0.0010	0.00039	mg/L		03/04/24 06:05	03/04/24 14:51	1
Sodium	7.9		0.50	0.20	mg/L		03/04/24 06:05	03/04/24 14:51	1
Thallium	<0.00026		0.0010	0.00026	mg/L		03/04/24 06:05	03/04/24 14:51	1
Vanadium	0.0069		0.0020	0.00063	mg/L		03/04/24 06:05	03/04/24 14:51	1
Zinc	0.0032 J		0.0050	0.0028	mg/L		03/04/24 06:05	03/04/24 14:51	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/05/24 13:17	03/06/24 11:20	1

Client Sample Results

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

Job ID: 680-247427-1

Client Sample ID: SCH-GWC-18

Lab Sample ID: 680-247427-8

Date Collected: 02/29/24 15:42

Matrix: Water

Date Received: 03/02/24 09:41

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	66		5.0	2.2	mg/L			03/07/24 19:54	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	66		5.0	5.0	mg/L			03/07/24 19:54	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			03/07/24 19:54	1
Total Dissolved Solids (SM 2540C-2011)	96		10	10	mg/L			03/06/24 10:46	1

Client Sample ID: SCH-GWC-19

Lab Sample ID: 680-247427-9

Date Collected: 02/29/24 14:40

Matrix: Water

Date Received: 03/02/24 09:41

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.1		1.0	0.20	mg/L			03/07/24 06:20	1
Fluoride	<0.20		0.40	0.20	mg/L			03/07/24 06:20	1
Sulfate	<0.50		1.0	0.50	mg/L			03/07/24 06:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		03/04/24 06:05	03/04/24 14:14	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		03/04/24 06:05	03/04/24 14:14	1
Barium	0.033		0.010	0.00089	mg/L		03/04/24 06:05	03/04/24 14:14	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		03/04/24 06:05	03/04/24 14:14	1
Boron	<0.022		0.080	0.022	mg/L		03/04/24 06:05	03/05/24 10:23	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		03/04/24 06:05	03/04/24 14:14	1
Calcium	19		0.50	0.14	mg/L		03/04/24 06:05	03/04/24 14:14	1
Chromium	0.015		0.0020	0.0012	mg/L		03/04/24 06:05	03/04/24 14:14	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		03/04/24 06:05	03/04/24 14:14	1
Copper	<0.0011		0.0020	0.0011	mg/L		03/04/24 06:05	03/04/24 14:14	1
Lead	<0.00021		0.0010	0.00021	mg/L		03/04/24 06:05	03/04/24 14:14	1
Magnesium	9.5		0.50	0.023	mg/L		03/04/24 06:05	03/04/24 14:14	1
Nickel	0.00067	J B	0.0010	0.00042	mg/L		03/04/24 06:05	03/04/24 14:14	1
Potassium	1.4		0.50	0.044	mg/L		03/04/24 06:05	03/04/24 14:14	1
Selenium	<0.00099		0.0050	0.00099	mg/L		03/04/24 06:05	03/04/24 14:14	1
Silver	<0.00039		0.0010	0.00039	mg/L		03/04/24 06:05	03/04/24 14:14	1
Sodium	10		0.50	0.20	mg/L		03/04/24 06:05	03/04/24 14:14	1
Thallium	<0.00026		0.0010	0.00026	mg/L		03/04/24 06:05	03/04/24 14:14	1
Vanadium	0.0078		0.0020	0.00063	mg/L		03/04/24 06:05	03/04/24 14:14	1
Zinc	<0.0028		0.0050	0.0028	mg/L		03/04/24 06:05	03/04/24 14:14	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/05/24 11:18	03/05/24 17:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	97		5.0	2.2	mg/L			03/07/24 21:33	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	97		5.0	5.0	mg/L			03/07/24 21:33	1

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Client Sample Results

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

Job ID: 680-247427-1

Client Sample ID: SCH-GWC-19

Lab Sample ID: 680-247427-9

Date Collected: 02/29/24 14:40

Matrix: Water

Date Received: 03/02/24 09:41

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			03/07/24 21:33	1
Total Dissolved Solids (SM 2540C-2011)	130		10	10	mg/L			03/06/24 10:46	1

Client Sample ID: SCH-CELL1-FD-5

Lab Sample ID: 680-247427-10

Date Collected: 02/29/24 00:00

Matrix: Water

Date Received: 03/02/24 09:41

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	21		5.0	1.0	mg/L			03/07/24 06:37	5
Fluoride	<1.0		2.0	1.0	mg/L			03/07/24 06:37	5
Sulfate	84		5.0	2.5	mg/L			03/07/24 06:37	5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		03/04/24 06:05	03/04/24 14:17	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		03/04/24 06:05	03/04/24 14:17	1
Barium	0.11		0.010	0.00089	mg/L		03/04/24 06:05	03/04/24 14:17	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		03/04/24 06:05	03/04/24 14:17	1
Boron	<0.022		0.080	0.022	mg/L		03/04/24 06:05	03/05/24 10:26	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		03/04/24 06:05	03/04/24 14:17	1
Calcium	33		0.50	0.14	mg/L		03/04/24 06:05	03/04/24 14:17	1
Chromium	0.0040		0.0020	0.0012	mg/L		03/04/24 06:05	03/04/24 14:17	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		03/04/24 06:05	03/04/24 14:17	1
Copper	<0.0011		0.0020	0.0011	mg/L		03/04/24 06:05	03/04/24 14:17	1
Lead	<0.00021		0.0010	0.00021	mg/L		03/04/24 06:05	03/04/24 14:17	1
Magnesium	20		0.50	0.023	mg/L		03/04/24 06:05	03/04/24 14:17	1
Nickel	0.0015	B	0.0010	0.00042	mg/L		03/04/24 06:05	03/04/24 14:17	1
Potassium	2.0		0.50	0.044	mg/L		03/04/24 06:05	03/04/24 14:17	1
Selenium	0.0044	J	0.0050	0.00099	mg/L		03/04/24 06:05	03/04/24 14:17	1
Silver	<0.00039		0.0010	0.00039	mg/L		03/04/24 06:05	03/04/24 14:17	1
Sodium	16		0.50	0.20	mg/L		03/04/24 06:05	03/04/24 14:17	1
Thallium	<0.00026		0.0010	0.00026	mg/L		03/04/24 06:05	03/04/24 14:17	1
Vanadium	0.0050		0.0020	0.00063	mg/L		03/04/24 06:05	03/04/24 14:17	1
Zinc	<0.0028		0.0050	0.0028	mg/L		03/04/24 06:05	03/04/24 14:17	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/07/24 11:59	03/08/24 12:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	43		5.0	2.2	mg/L			03/07/24 20:46	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	43		5.0	5.0	mg/L			03/07/24 20:46	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			03/07/24 20:46	1
Total Dissolved Solids (SM 2540C-2011)	250		40	40	mg/L			03/06/24 10:46	1

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Client Sample Results

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

Job ID: 680-247427-1

Client Sample ID: SCH-CELL1-FD-6

Lab Sample ID: 680-247427-11

Date Collected: 02/29/24 00:00

Matrix: Water

Date Received: 03/02/24 09:41

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.3		1.0	0.20	mg/L			03/07/24 06:54	1
Fluoride	<0.20		0.40	0.20	mg/L			03/07/24 06:54	1
Sulfate	0.52	J	1.0	0.50	mg/L			03/07/24 06:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		03/04/24 06:05	03/04/24 14:34	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		03/04/24 06:05	03/04/24 14:34	1
Barium	0.019		0.010	0.00089	mg/L		03/04/24 06:05	03/04/24 14:34	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		03/04/24 06:05	03/04/24 14:34	1
Boron	<0.022		0.080	0.022	mg/L		03/04/24 06:05	03/04/24 14:34	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		03/04/24 06:05	03/04/24 14:34	1
Calcium	1.3		0.50	0.14	mg/L		03/04/24 06:05	03/04/24 14:34	1
Chromium	0.0023		0.0020	0.0012	mg/L		03/04/24 06:05	03/04/24 14:34	1
Cobalt	0.00024	J	0.0025	0.00022	mg/L		03/04/24 06:05	03/04/24 14:34	1
Copper	<0.0011		0.0020	0.0011	mg/L		03/04/24 06:05	03/04/24 14:34	1
Lead	<0.00021		0.0010	0.00021	mg/L		03/04/24 06:05	03/04/24 14:34	1
Magnesium	1.0		0.50	0.023	mg/L		03/04/24 06:05	03/04/24 14:34	1
Nickel	0.00093	J B	0.0010	0.00042	mg/L		03/04/24 06:05	03/04/24 14:34	1
Potassium	0.38	J	0.50	0.044	mg/L		03/04/24 06:05	03/04/24 14:34	1
Selenium	<0.00099		0.0050	0.00099	mg/L		03/04/24 06:05	03/04/24 14:34	1
Silver	<0.00039		0.0010	0.00039	mg/L		03/04/24 06:05	03/04/24 14:34	1
Sodium	3.0		0.50	0.20	mg/L		03/04/24 06:05	03/04/24 14:34	1
Thallium	<0.00026		0.0010	0.00026	mg/L		03/04/24 06:05	03/04/24 14:34	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		03/04/24 06:05	03/04/24 14:34	1
Zinc	<0.0028		0.0050	0.0028	mg/L		03/04/24 06:05	03/04/24 14:34	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/07/24 10:55	03/08/24 12:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	9.7		5.0	2.2	mg/L			03/07/24 20:33	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	9.7		5.0	5.0	mg/L			03/07/24 20:33	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			03/07/24 20:33	1
Total Dissolved Solids (SM 2540C-2011)	31		10	10	mg/L			03/07/24 14:52	1

Client Sample ID: SCH-CELL1-EB-5

Lab Sample ID: 680-247427-12

Date Collected: 02/29/24 12:30

Matrix: Water

Date Received: 03/02/24 09:41

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.20		1.0	0.20	mg/L			03/07/24 07:10	1
Fluoride	<0.20		0.40	0.20	mg/L			03/07/24 07:10	1
Sulfate	<0.50		1.0	0.50	mg/L			03/07/24 07:10	1

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Client Sample Results

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

Job ID: 680-247427-1

Client Sample ID: SCH-CELL1-EB-5

Lab Sample ID: 680-247427-12

Date Collected: 02/29/24 12:30

Matrix: Water

Date Received: 03/02/24 09:41

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		03/04/24 06:05	03/04/24 14:11	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		03/04/24 06:05	03/04/24 14:11	1
Barium	<0.00089		0.010	0.00089	mg/L		03/04/24 06:05	03/04/24 14:11	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		03/04/24 06:05	03/04/24 14:11	1
Boron	<0.022		0.080	0.022	mg/L		03/04/24 06:05	03/05/24 10:20	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		03/04/24 06:05	03/04/24 14:11	1
Calcium	<0.14		0.50	0.14	mg/L		03/04/24 06:05	03/04/24 14:11	1
Chromium	<0.0012		0.0020	0.0012	mg/L		03/04/24 06:05	03/04/24 14:11	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		03/04/24 06:05	03/04/24 14:11	1
Copper	<0.0011		0.0020	0.0011	mg/L		03/04/24 06:05	03/04/24 14:11	1
Lead	<0.00021		0.0010	0.00021	mg/L		03/04/24 06:05	03/04/24 14:11	1
Magnesium	<0.023		0.50	0.023	mg/L		03/04/24 06:05	03/04/24 14:11	1
Nickel	<0.00042		0.0010	0.00042	mg/L		03/04/24 06:05	03/04/24 14:11	1
Potassium	0.14	J	0.50	0.044	mg/L		03/04/24 06:05	03/04/24 14:11	1
Selenium	<0.00099		0.0050	0.00099	mg/L		03/04/24 06:05	03/04/24 14:11	1
Silver	<0.00039		0.0010	0.00039	mg/L		03/04/24 06:05	03/04/24 14:11	1
Sodium	<0.20		0.50	0.20	mg/L		03/04/24 06:05	03/04/24 14:11	1
Thallium	<0.00026		0.0010	0.00026	mg/L		03/04/24 06:05	03/04/24 14:11	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		03/04/24 06:05	03/04/24 14:11	1
Zinc	0.0040	J	0.0050	0.0028	mg/L		03/04/24 06:05	03/04/24 14:11	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/05/24 13:17	03/06/24 11:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			03/07/24 20:38	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			03/07/24 20:38	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			03/07/24 20:38	1
Total Dissolved Solids (SM 2540C-2011)	<10		10	10	mg/L			03/07/24 14:52	1

Client Sample ID: SCH-CELL1-FB-5

Lab Sample ID: 680-247427-13

Date Collected: 02/29/24 11:30

Matrix: Water

Date Received: 03/02/24 09:41

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.20		1.0	0.20	mg/L			03/07/24 07:27	1
Fluoride	<0.20		0.40	0.20	mg/L			03/07/24 07:27	1
Sulfate	<0.50		1.0	0.50	mg/L			03/07/24 07:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		03/04/24 06:05	03/04/24 14:40	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		03/04/24 06:05	03/04/24 14:40	1
Barium	<0.00089		0.010	0.00089	mg/L		03/04/24 06:05	03/04/24 14:40	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		03/04/24 06:05	03/04/24 14:40	1

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Client Sample Results

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

Job ID: 680-247427-1

Client Sample ID: SCH-CELL1-FB-5

Lab Sample ID: 680-247427-13

Date Collected: 02/29/24 11:30

Matrix: Water

Date Received: 03/02/24 09:41

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.022		0.080	0.022	mg/L		03/04/24 06:05	03/04/24 14:40	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		03/04/24 06:05	03/04/24 14:40	1
Calcium	<0.14		0.50	0.14	mg/L		03/04/24 06:05	03/04/24 14:40	1
Chromium	<0.0012		0.0020	0.0012	mg/L		03/04/24 06:05	03/04/24 14:40	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		03/04/24 06:05	03/04/24 14:40	1
Copper	<0.0011		0.0020	0.0011	mg/L		03/04/24 06:05	03/04/24 14:40	1
Lead	<0.00021		0.0010	0.00021	mg/L		03/04/24 06:05	03/04/24 14:40	1
Magnesium	<0.023		0.50	0.023	mg/L		03/04/24 06:05	03/04/24 14:40	1
Nickel	<0.00042		0.0010	0.00042	mg/L		03/04/24 06:05	03/04/24 14:40	1
Potassium	<0.044		0.50	0.044	mg/L		03/04/24 06:05	03/04/24 14:40	1
Selenium	<0.00099		0.0050	0.00099	mg/L		03/04/24 06:05	03/04/24 14:40	1
Silver	<0.00039		0.0010	0.00039	mg/L		03/04/24 06:05	03/04/24 14:40	1
Sodium	<0.20		0.50	0.20	mg/L		03/04/24 06:05	03/04/24 14:40	1
Thallium	<0.00026		0.0010	0.00026	mg/L		03/04/24 06:05	03/04/24 14:40	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		03/04/24 06:05	03/04/24 14:40	1
Zinc	<0.0028		0.0050	0.0028	mg/L		03/04/24 06:05	03/04/24 14:40	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/07/24 10:55	03/08/24 11:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			03/07/24 20:26	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			03/07/24 20:26	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			03/07/24 20:26	1
Total Dissolved Solids (SM 2540C-2011)	<10		10	10	mg/L			03/07/24 14:52	1

Client Sample ID: SCH-CELL1-EB-6

Lab Sample ID: 680-247427-14

Date Collected: 02/29/24 15:55

Matrix: Water

Date Received: 03/02/24 09:41

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.20		1.0	0.20	mg/L			03/07/24 16:53	1
Fluoride	<0.20		0.40	0.20	mg/L			03/07/24 16:53	1
Sulfate	<0.50		1.0	0.50	mg/L			03/07/24 16:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		03/04/24 06:05	03/04/24 14:26	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		03/04/24 06:05	03/04/24 14:26	1
Barium	<0.00089		0.010	0.00089	mg/L		03/04/24 06:05	03/04/24 14:26	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		03/04/24 06:05	03/04/24 14:26	1
Boron	<0.022		0.080	0.022	mg/L		03/04/24 06:05	03/04/24 14:26	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		03/04/24 06:05	03/04/24 14:26	1
Calcium	<0.14		0.50	0.14	mg/L		03/04/24 06:05	03/04/24 14:26	1
Chromium	<0.0012		0.0020	0.0012	mg/L		03/04/24 06:05	03/04/24 14:26	1

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Client Sample Results

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

Job ID: 680-247427-1

Client Sample ID: SCH-CELL1-EB-6

Lab Sample ID: 680-247427-14

Date Collected: 02/29/24 15:55

Matrix: Water

Date Received: 03/02/24 09:41

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	<0.00022		0.0025	0.00022	mg/L		03/04/24 06:05	03/04/24 14:26	1
Copper	<0.0011		0.0020	0.0011	mg/L		03/04/24 06:05	03/04/24 14:26	1
Lead	<0.00021		0.0010	0.00021	mg/L		03/04/24 06:05	03/04/24 14:26	1
Magnesium	<0.023		0.50	0.023	mg/L		03/04/24 06:05	03/04/24 14:26	1
Nickel	<0.00042		0.0010	0.00042	mg/L		03/04/24 06:05	03/04/24 14:26	1
Potassium	<0.044		0.50	0.044	mg/L		03/04/24 06:05	03/04/24 14:26	1
Selenium	<0.00099		0.0050	0.00099	mg/L		03/04/24 06:05	03/04/24 14:26	1
Silver	<0.00039		0.0010	0.00039	mg/L		03/04/24 06:05	03/04/24 14:26	1
Sodium	<0.20		0.50	0.20	mg/L		03/04/24 06:05	03/04/24 14:26	1
Thallium	<0.00026		0.0010	0.00026	mg/L		03/04/24 06:05	03/04/24 14:26	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		03/04/24 06:05	03/04/24 14:26	1
Zinc	<0.0028		0.0050	0.0028	mg/L		03/04/24 06:05	03/04/24 14:26	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/07/24 10:55	03/08/24 11:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	3.6	J	5.0	2.2	mg/L			03/07/24 21:14	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			03/07/24 21:14	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			03/07/24 21:14	1
Total Dissolved Solids (SM 2540C-2011)	<10		10	10	mg/L			03/07/24 14:52	1

Client Sample ID: SCH-CELL1-FB-6

Lab Sample ID: 680-247427-15

Date Collected: 02/29/24 14:50

Matrix: Water

Date Received: 03/02/24 09:41

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.20		1.0	0.20	mg/L			03/07/24 17:54	1
Fluoride	<0.20		0.40	0.20	mg/L			03/07/24 17:54	1
Sulfate	<0.50		1.0	0.50	mg/L			03/07/24 17:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		03/04/24 06:05	03/04/24 14:09	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		03/04/24 06:05	03/04/24 14:09	1
Barium	<0.00089		0.010	0.00089	mg/L		03/04/24 06:05	03/04/24 14:09	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		03/04/24 06:05	03/04/24 14:09	1
Boron	<0.022		0.080	0.022	mg/L		03/04/24 06:05	03/05/24 10:17	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		03/04/24 06:05	03/04/24 14:09	1
Calcium	<0.14		0.50	0.14	mg/L		03/04/24 06:05	03/04/24 14:09	1
Chromium	<0.0012		0.0020	0.0012	mg/L		03/04/24 06:05	03/04/24 14:09	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		03/04/24 06:05	03/04/24 14:09	1
Copper	<0.0011		0.0020	0.0011	mg/L		03/04/24 06:05	03/04/24 14:09	1
Lead	<0.00021		0.0010	0.00021	mg/L		03/04/24 06:05	03/04/24 14:09	1
Magnesium	<0.023		0.50	0.023	mg/L		03/04/24 06:05	03/04/24 14:09	1

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Client Sample Results

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

Job ID: 680-247427-1

Client Sample ID: SCH-CELL1-FB-6

Lab Sample ID: 680-247427-15

Date Collected: 02/29/24 14:50

Matrix: Water

Date Received: 03/02/24 09:41

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	<0.00042		0.0010	0.00042	mg/L		03/04/24 06:05	03/04/24 14:09	1
Potassium	<0.044		0.50	0.044	mg/L		03/04/24 06:05	03/04/24 14:09	1
Selenium	<0.00099		0.0050	0.00099	mg/L		03/04/24 06:05	03/04/24 14:09	1
Silver	<0.00039		0.0010	0.00039	mg/L		03/04/24 06:05	03/04/24 14:09	1
Sodium	<0.20		0.50	0.20	mg/L		03/04/24 06:05	03/04/24 14:09	1
Thallium	<0.00026		0.0010	0.00026	mg/L		03/04/24 06:05	03/04/24 14:09	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		03/04/24 06:05	03/04/24 14:09	1
Zinc	<0.0028		0.0050	0.0028	mg/L		03/04/24 06:05	03/04/24 14:09	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/05/24 13:17	03/06/24 11:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			03/07/24 21:24	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			03/07/24 21:24	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			03/07/24 21:24	1
Total Dissolved Solids (SM 2540C-2011)	<10		10	10	mg/L			03/07/24 14:52	1

Client Sample ID: SCH-GWC-20

Lab Sample ID: 680-247427-16

Date Collected: 03/01/24 10:35

Matrix: Water

Date Received: 03/02/24 09:41

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.5		1.0	0.20	mg/L			03/07/24 18:09	1
Fluoride	<0.20		0.40	0.20	mg/L			03/07/24 18:09	1
Sulfate	0.68	J	1.0	0.50	mg/L			03/07/24 18:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		03/04/24 06:05	03/04/24 14:06	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		03/04/24 06:05	03/04/24 14:06	1
Barium	0.036		0.010	0.00089	mg/L		03/04/24 06:05	03/04/24 14:06	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		03/04/24 06:05	03/04/24 14:06	1
Boron	0.025	J	0.080	0.022	mg/L		03/04/24 06:05	03/05/24 10:14	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		03/04/24 06:05	03/04/24 14:06	1
Calcium	17		0.50	0.14	mg/L		03/04/24 06:05	03/04/24 14:06	1
Chromium	0.0088		0.0020	0.0012	mg/L		03/04/24 06:05	03/04/24 14:06	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		03/04/24 06:05	03/04/24 14:06	1
Copper	<0.0011		0.0020	0.0011	mg/L		03/04/24 06:05	03/04/24 14:06	1
Lead	<0.00021		0.0010	0.00021	mg/L		03/04/24 06:05	03/04/24 14:06	1
Magnesium	7.5		0.50	0.023	mg/L		03/04/24 06:05	03/04/24 14:06	1
Nickel	0.00059	J B	0.0010	0.00042	mg/L		03/04/24 06:05	03/04/24 14:06	1
Potassium	1.2		0.50	0.044	mg/L		03/04/24 06:05	03/04/24 14:06	1
Selenium	<0.00099		0.0050	0.00099	mg/L		03/04/24 06:05	03/04/24 14:06	1
Silver	<0.00039		0.0010	0.00039	mg/L		03/04/24 06:05	03/04/24 14:06	1

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Client Sample Results

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

Job ID: 680-247427-1

Client Sample ID: SCH-GWC-20

Lab Sample ID: 680-247427-16

Date Collected: 03/01/24 10:35

Matrix: Water

Date Received: 03/02/24 09:41

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	7.5		0.50	0.20	mg/L		03/04/24 06:05	03/04/24 14:06	1
Thallium	<0.00026		0.0010	0.00026	mg/L		03/04/24 06:05	03/04/24 14:06	1
Vanadium	0.019		0.0020	0.00063	mg/L		03/04/24 06:05	03/04/24 14:06	1
Zinc	<0.0028		0.0050	0.0028	mg/L		03/04/24 06:05	03/04/24 14:06	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/07/24 10:55	03/08/24 11:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	86		5.0	2.2	mg/L			03/07/24 20:03	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	86		5.0	5.0	mg/L			03/07/24 20:03	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			03/07/24 20:03	1
Total Dissolved Solids (SM 2540C-2011)	130		10	10	mg/L			03/07/24 14:52	1

Client Sample ID: SCH-GWC-1

Lab Sample ID: 680-247427-17

Date Collected: 03/01/24 10:00

Matrix: Water

Date Received: 03/02/24 09:41

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.2		1.0	0.20	mg/L			03/07/24 18:24	1
Fluoride	<0.20		0.40	0.20	mg/L			03/07/24 18:24	1
Sulfate	0.79	J	1.0	0.50	mg/L			03/07/24 18:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		03/04/24 06:05	03/04/24 15:23	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		03/04/24 06:05	03/04/24 15:23	1
Barium	0.048		0.010	0.00089	mg/L		03/04/24 06:05	03/04/24 15:23	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		03/04/24 06:05	03/04/24 15:23	1
Boron	<0.022		0.080	0.022	mg/L		03/04/24 06:05	03/04/24 15:23	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		03/04/24 06:05	03/04/24 15:23	1
Calcium	18		0.50	0.14	mg/L		03/04/24 06:05	03/04/24 15:23	1
Chromium	0.014		0.0020	0.0012	mg/L		03/04/24 06:05	03/04/24 15:23	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		03/04/24 06:05	03/04/24 15:23	1
Copper	<0.0011		0.0020	0.0011	mg/L		03/04/24 06:05	03/04/24 15:23	1
Lead	0.00028	J	0.0010	0.00021	mg/L		03/04/24 06:05	03/04/24 15:23	1
Magnesium	8.9		0.50	0.023	mg/L		03/04/24 06:05	03/04/24 15:23	1
Nickel	0.00096	J	0.0010	0.00042	mg/L		03/04/24 06:05	03/04/24 15:23	1
Potassium	0.97		0.50	0.044	mg/L		03/04/24 06:05	03/04/24 15:23	1
Selenium	<0.00099		0.0050	0.00099	mg/L		03/04/24 06:05	03/04/24 15:23	1
Silver	<0.00039		0.0010	0.00039	mg/L		03/04/24 06:05	03/04/24 15:23	1
Sodium	11		0.50	0.20	mg/L		03/04/24 06:05	03/04/24 15:23	1
Thallium	<0.00026		0.0010	0.00026	mg/L		03/04/24 06:05	03/04/24 15:23	1
Vanadium	0.018		0.0020	0.00063	mg/L		03/04/24 06:05	03/04/24 15:23	1
Zinc	0.0040	J	0.0050	0.0028	mg/L		03/04/24 06:05	03/04/24 15:23	1

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Client Sample Results

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

Job ID: 680-247427-1

Client Sample ID: SCH-GWC-1

Lab Sample ID: 680-247427-17

Date Collected: 03/01/24 10:00

Matrix: Water

Date Received: 03/02/24 09:41

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/05/24 11:18	03/05/24 17:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	100		5.0	2.2	mg/L			03/07/24 20:21	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	100		5.0	5.0	mg/L			03/07/24 20:21	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			03/07/24 20:21	1
Total Dissolved Solids (SM 2540C-2011)	150		10	10	mg/L			03/07/24 14:52	1

Client Sample ID: SCH-GWC-9

Lab Sample ID: 680-247427-18

Date Collected: 03/01/24 09:37

Matrix: Water

Date Received: 03/02/24 09:41

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.2		1.0	0.20	mg/L			03/07/24 18:39	1
Fluoride	<0.20		0.40	0.20	mg/L			03/07/24 18:39	1
Sulfate	17		1.0	0.50	mg/L			03/07/24 18:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		03/04/24 06:05	03/04/24 14:48	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		03/04/24 06:05	03/04/24 14:48	1
Barium	0.026		0.010	0.00089	mg/L		03/04/24 06:05	03/04/24 14:48	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		03/04/24 06:05	03/04/24 14:48	1
Boron	0.085	B	0.080	0.022	mg/L		03/04/24 06:05	03/04/24 14:48	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		03/04/24 06:05	03/04/24 14:48	1
Calcium	20		0.50	0.14	mg/L		03/04/24 06:05	03/04/24 14:48	1
Chromium	0.0092		0.0020	0.0012	mg/L		03/04/24 06:05	03/04/24 14:48	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		03/04/24 06:05	03/04/24 14:48	1
Copper	<0.0011		0.0020	0.0011	mg/L		03/04/24 06:05	03/04/24 14:48	1
Lead	<0.00021		0.0010	0.00021	mg/L		03/04/24 06:05	03/04/24 14:48	1
Magnesium	9.3		0.50	0.023	mg/L		03/04/24 06:05	03/04/24 14:48	1
Nickel	0.00086	J B	0.0010	0.00042	mg/L		03/04/24 06:05	03/04/24 14:48	1
Potassium	1.2		0.50	0.044	mg/L		03/04/24 06:05	03/04/24 14:48	1
Selenium	<0.00099		0.0050	0.00099	mg/L		03/04/24 06:05	03/04/24 14:48	1
Silver	<0.00039		0.0010	0.00039	mg/L		03/04/24 06:05	03/04/24 14:48	1
Sodium	9.3		0.50	0.20	mg/L		03/04/24 06:05	03/04/24 14:48	1
Thallium	<0.00026		0.0010	0.00026	mg/L		03/04/24 06:05	03/04/24 14:48	1
Vanadium	0.016		0.0020	0.00063	mg/L		03/04/24 06:05	03/04/24 14:48	1
Zinc	<0.0028		0.0050	0.0028	mg/L		03/04/24 06:05	03/04/24 14:48	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/07/24 10:55	03/08/24 11:27	1

Client Sample Results

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

Job ID: 680-247427-1

Client Sample ID: SCH-GWC-9

Lab Sample ID: 680-247427-18

Date Collected: 03/01/24 09:37

Matrix: Water

Date Received: 03/02/24 09:41

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	88		5.0	2.2	mg/L			03/07/24 22:07	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	88		5.0	5.0	mg/L			03/07/24 22:07	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			03/07/24 22:07	1
Total Dissolved Solids (SM 2540C-2011)	160		10	10	mg/L			03/07/24 14:52	1

Client Sample ID: SCH-GWC-13

Lab Sample ID: 680-247427-19

Date Collected: 03/01/24 08:40

Matrix: Water

Date Received: 03/02/24 09:41

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.8		1.0	0.20	mg/L			03/07/24 18:54	1
Fluoride	<0.20		0.40	0.20	mg/L			03/07/24 18:54	1
Sulfate	1.2		1.0	0.50	mg/L			03/07/24 18:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		03/04/24 06:05	03/04/24 15:34	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		03/04/24 06:05	03/04/24 15:34	1
Barium	0.039		0.010	0.00089	mg/L		03/04/24 06:05	03/04/24 15:34	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		03/04/24 06:05	03/04/24 15:34	1
Boron	<0.022		0.080	0.022	mg/L		03/04/24 06:05	03/04/24 15:34	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		03/04/24 06:05	03/04/24 15:34	1
Calcium	7.6		0.50	0.14	mg/L		03/04/24 06:05	03/04/24 15:34	1
Chromium	0.0059		0.0020	0.0012	mg/L		03/04/24 06:05	03/04/24 15:34	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		03/04/24 06:05	03/04/24 15:34	1
Copper	<0.0011		0.0020	0.0011	mg/L		03/04/24 06:05	03/04/24 15:34	1
Lead	<0.00021		0.0010	0.00021	mg/L		03/04/24 06:05	03/04/24 15:34	1
Magnesium	4.7		0.50	0.023	mg/L		03/04/24 06:05	03/04/24 15:34	1
Nickel	0.00059	J	0.0010	0.00042	mg/L		03/04/24 06:05	03/04/24 15:34	1
Potassium	0.56		0.50	0.044	mg/L		03/04/24 06:05	03/04/24 15:34	1
Selenium	<0.00099		0.0050	0.00099	mg/L		03/04/24 06:05	03/04/24 15:34	1
Silver	<0.00039		0.0010	0.00039	mg/L		03/04/24 06:05	03/04/24 15:34	1
Sodium	6.4		0.50	0.20	mg/L		03/04/24 06:05	03/04/24 15:34	1
Thallium	<0.00026		0.0010	0.00026	mg/L		03/04/24 06:05	03/04/24 15:34	1
Vanadium	0.0011	J	0.0020	0.00063	mg/L		03/04/24 06:05	03/04/24 15:34	1
Zinc	<0.0028		0.0050	0.0028	mg/L		03/04/24 06:05	03/04/24 15:34	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/05/24 11:18	03/05/24 17:08	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	52		5.0	2.2	mg/L			03/07/24 21:41	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	52		5.0	5.0	mg/L			03/07/24 21:41	1

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Client Sample Results

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

Job ID: 680-247427-1

Client Sample ID: SCH-GWC-13

Lab Sample ID: 680-247427-19

Date Collected: 03/01/24 08:40

Matrix: Water

Date Received: 03/02/24 09:41

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			03/07/24 21:41	1
Total Dissolved Solids (SM 2540C-2011)	74		10	10	mg/L			03/07/24 14:52	1

Client Sample ID: SCH-GWC-14

Lab Sample ID: 680-247427-20

Date Collected: 03/01/24 09:22

Matrix: Water

Date Received: 03/02/24 09:41

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.7		1.0	0.20	mg/L			03/07/24 19:09	1
Fluoride	<0.20		0.40	0.20	mg/L			03/07/24 19:09	1
Sulfate	<0.50		1.0	0.50	mg/L			03/07/24 19:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		03/04/24 06:05	03/04/24 14:37	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		03/04/24 06:05	03/04/24 14:37	1
Barium	0.012		0.010	0.00089	mg/L		03/04/24 06:05	03/04/24 14:37	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		03/04/24 06:05	03/04/24 14:37	1
Boron	<0.022		0.080	0.022	mg/L		03/04/24 06:05	03/04/24 14:37	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		03/04/24 06:05	03/04/24 14:37	1
Calcium	7.6		0.50	0.14	mg/L		03/04/24 06:05	03/04/24 14:37	1
Chromium	0.0022		0.0020	0.0012	mg/L		03/04/24 06:05	03/04/24 14:37	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		03/04/24 06:05	03/04/24 14:37	1
Copper	<0.0011		0.0020	0.0011	mg/L		03/04/24 06:05	03/04/24 14:37	1
Lead	<0.00021		0.0010	0.00021	mg/L		03/04/24 06:05	03/04/24 14:37	1
Magnesium	3.8		0.50	0.023	mg/L		03/04/24 06:05	03/04/24 14:37	1
Nickel	0.0081	B	0.0010	0.00042	mg/L		03/04/24 06:05	03/04/24 14:37	1
Potassium	0.49	J	0.50	0.044	mg/L		03/04/24 06:05	03/04/24 14:37	1
Selenium	<0.00099		0.0050	0.00099	mg/L		03/04/24 06:05	03/04/24 14:37	1
Silver	<0.00039		0.0010	0.00039	mg/L		03/04/24 06:05	03/04/24 14:37	1
Sodium	3.5		0.50	0.20	mg/L		03/04/24 06:05	03/04/24 14:37	1
Thallium	<0.00026		0.0010	0.00026	mg/L		03/04/24 06:05	03/04/24 14:37	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		03/04/24 06:05	03/04/24 14:37	1
Zinc	0.024		0.0050	0.0028	mg/L		03/04/24 06:05	03/04/24 14:37	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/07/24 10:55	03/08/24 11:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	37		5.0	2.2	mg/L			03/07/24 21:49	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	37		5.0	5.0	mg/L			03/07/24 21:49	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			03/07/24 21:49	1
Total Dissolved Solids (SM 2540C-2011)	63		10	10	mg/L			03/07/24 14:52	1

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Client Sample Results

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

Job ID: 680-247427-1

Client Sample ID: SCH-GWC-2

Lab Sample ID: 680-247427-21

Date Collected: 03/01/24 08:33

Matrix: Water

Date Received: 03/02/24 09:41

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.5		1.0	0.20	mg/L			03/07/24 19:24	1
Fluoride	<0.20		0.40	0.20	mg/L			03/07/24 19:24	1
Sulfate	1.2		1.0	0.50	mg/L			03/07/24 19:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		03/04/24 06:05	03/04/24 15:31	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		03/04/24 06:05	03/04/24 15:31	1
Barium	0.046		0.010	0.00089	mg/L		03/04/24 06:05	03/04/24 15:31	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		03/04/24 06:05	03/04/24 15:31	1
Boron	0.023	J	0.080	0.022	mg/L		03/04/24 06:05	03/04/24 15:31	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		03/04/24 06:05	03/04/24 15:31	1
Calcium	18		0.50	0.14	mg/L		03/04/24 06:05	03/04/24 15:31	1
Chromium	0.011		0.0020	0.0012	mg/L		03/04/24 06:05	03/04/24 15:31	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		03/04/24 06:05	03/04/24 15:31	1
Copper	<0.0011		0.0020	0.0011	mg/L		03/04/24 06:05	03/04/24 15:31	1
Lead	<0.00021		0.0010	0.00021	mg/L		03/04/24 06:05	03/04/24 15:31	1
Magnesium	8.5		0.50	0.023	mg/L		03/04/24 06:05	03/04/24 15:31	1
Nickel	0.0018		0.0010	0.00042	mg/L		03/04/24 06:05	03/04/24 15:31	1
Potassium	1.3		0.50	0.044	mg/L		03/04/24 06:05	03/04/24 15:31	1
Selenium	<0.00099		0.0050	0.00099	mg/L		03/04/24 06:05	03/04/24 15:31	1
Silver	<0.00039		0.0010	0.00039	mg/L		03/04/24 06:05	03/04/24 15:31	1
Sodium	9.6		0.50	0.20	mg/L		03/04/24 06:05	03/04/24 15:31	1
Thallium	<0.00026		0.0010	0.00026	mg/L		03/04/24 06:05	03/04/24 15:31	1
Vanadium	0.015		0.0020	0.00063	mg/L		03/04/24 06:05	03/04/24 15:31	1
Zinc	<0.0028		0.0050	0.0028	mg/L		03/04/24 06:05	03/04/24 15:31	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/05/24 11:18	03/05/24 17:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	96		5.0	2.2	mg/L			03/07/24 20:12	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	96		5.0	5.0	mg/L			03/07/24 20:12	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			03/07/24 20:12	1
Total Dissolved Solids (SM 2540C-2011)	140		10	10	mg/L			03/07/24 14:52	1

Client Sample ID: SCH-GWC-10

Lab Sample ID: 680-247427-22

Date Collected: 03/01/24 11:25

Matrix: Water

Date Received: 03/02/24 09:41

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.0		1.0	0.20	mg/L			03/07/24 19:39	1
Fluoride	<0.20		0.40	0.20	mg/L			03/07/24 19:39	1
Sulfate	4.7		1.0	0.50	mg/L			03/07/24 19:39	1

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Client Sample Results

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

Job ID: 680-247427-1

Client Sample ID: SCH-GWC-10

Lab Sample ID: 680-247427-22

Date Collected: 03/01/24 11:25

Matrix: Water

Date Received: 03/02/24 09:41

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		03/04/24 06:05	03/04/24 15:06	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		03/04/24 06:05	03/04/24 15:06	1
Barium	0.036		0.010	0.00089	mg/L		03/04/24 06:05	03/04/24 15:06	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		03/04/24 06:05	03/04/24 15:06	1
Boron	<0.022		0.080	0.022	mg/L		03/04/24 06:05	03/04/24 15:06	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		03/04/24 06:05	03/04/24 15:06	1
Calcium	20		0.50	0.14	mg/L		03/04/24 06:05	03/04/24 15:06	1
Chromium	0.019		0.0020	0.0012	mg/L		03/04/24 06:05	03/04/24 15:06	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		03/04/24 06:05	03/04/24 15:06	1
Copper	<0.0011		0.0020	0.0011	mg/L		03/04/24 06:05	03/04/24 15:06	1
Lead	<0.00021		0.0010	0.00021	mg/L		03/04/24 06:05	03/04/24 15:06	1
Magnesium	9.8		0.50	0.023	mg/L		03/04/24 06:05	03/04/24 15:06	1
Nickel	0.0048	B	0.0010	0.00042	mg/L		03/04/24 06:05	03/04/24 15:06	1
Potassium	1.0		0.50	0.044	mg/L		03/04/24 06:05	03/04/24 15:06	1
Selenium	<0.00099		0.0050	0.00099	mg/L		03/04/24 06:05	03/04/24 15:06	1
Silver	<0.00039		0.0010	0.00039	mg/L		03/04/24 06:05	03/04/24 15:06	1
Sodium	8.3		0.50	0.20	mg/L		03/04/24 06:05	03/04/24 15:06	1
Thallium	<0.00026		0.0010	0.00026	mg/L		03/04/24 06:05	03/04/24 15:06	1
Vanadium	0.013		0.0020	0.00063	mg/L		03/04/24 06:05	03/04/24 15:06	1
Zinc	<0.0028		0.0050	0.0028	mg/L		03/04/24 06:05	03/04/24 15:06	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/07/24 10:55	03/08/24 11:36	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	99		5.0	2.2	mg/L			03/07/24 21:58	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	99		5.0	5.0	mg/L			03/07/24 21:58	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			03/07/24 21:58	1
Total Dissolved Solids (SM 2540C-2011)	150		10	10	mg/L			03/07/24 14:52	1

QC Sample Results

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

Job ID: 680-247427-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 670-79273/37

Matrix: Water

Analysis Batch: 79273

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Chloride	<0.20		1.0	0.20	mg/L			03/06/24 19:20	1
Fluoride	<0.20		0.40	0.20	mg/L			03/06/24 19:20	1
Sulfate	<0.50		1.0	0.50	mg/L			03/06/24 19:20	1

Lab Sample ID: MB 670-79273/6

Matrix: Water

Analysis Batch: 79273

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Chloride	<0.20		1.0	0.20	mg/L			03/06/24 10:35	1
Fluoride	<0.20		0.40	0.20	mg/L			03/06/24 10:35	1
Sulfate	<0.50		1.0	0.50	mg/L			03/06/24 10:35	1

Lab Sample ID: MB 670-79273/68

Matrix: Water

Analysis Batch: 79273

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Chloride	<0.20		1.0	0.20	mg/L			03/07/24 04:04	1
Fluoride	<0.20		0.40	0.20	mg/L			03/07/24 04:04	1
Sulfate	<0.50		1.0	0.50	mg/L			03/07/24 04:04	1

Lab Sample ID: LCS 670-79273/35

Matrix: Water

Analysis Batch: 79273

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Chloride	4.00	3.93		mg/L		98	90 - 110
Fluoride	4.00	3.87		mg/L		97	90 - 110
Sulfate	4.00	3.97		mg/L		99	90 - 110

Lab Sample ID: LCS 670-79273/66

Matrix: Water

Analysis Batch: 79273

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Chloride	4.00	3.94		mg/L		99	90 - 110
Fluoride	4.00	3.87		mg/L		97	90 - 110
Sulfate	4.00	3.97		mg/L		99	90 - 110

Lab Sample ID: LCSD 670-79273/36

Matrix: Water

Analysis Batch: 79273

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
		Result	Qualifier						
Chloride	4.00	3.94		mg/L		98	90 - 110	0	20
Fluoride	4.00	3.86		mg/L		97	90 - 110	0	20
Sulfate	4.00	3.96		mg/L		99	90 - 110	0	20

QC Sample Results

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

Job ID: 680-247427-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 670-79273/67
Matrix: Water
Analysis Batch: 79273

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	4.00	3.95		mg/L		99	90 - 110	0	20
Fluoride	4.00	3.86		mg/L		97	90 - 110	0	20
Sulfate	4.00	3.98		mg/L		99	90 - 110	0	20

Lab Sample ID: 680-247427-4 MS
Matrix: Water
Analysis Batch: 79273

Client Sample ID: SCH-GWC-7
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	4.8		5.00	10.1		mg/L		107	80 - 120		
Fluoride	<0.20		5.00	5.56		mg/L		111	80 - 120		
Sulfate	1.5		5.00	6.56		mg/L		101	80 - 120		

Lab Sample ID: 680-247427-4 MSD
Matrix: Water
Analysis Batch: 79273

Client Sample ID: SCH-GWC-7
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	4.8		5.00	10.1		mg/L		106	80 - 120	0	20
Fluoride	<0.20		5.00	5.35		mg/L		107	80 - 120	4	20
Sulfate	1.5		5.00	6.57		mg/L		101	80 - 120	0	20

Lab Sample ID: MB 670-79516/11
Matrix: Water
Analysis Batch: 79516

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.20		1.0	0.20	mg/L			03/07/24 12:10	1
Fluoride	<0.20		0.40	0.20	mg/L			03/07/24 12:10	1
Sulfate	<0.50		1.0	0.50	mg/L			03/07/24 12:10	1

Lab Sample ID: LCS 670-79516/9
Matrix: Water
Analysis Batch: 79516

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	4.00	4.03		mg/L		101	90 - 110		
Fluoride	4.00	4.24		mg/L		106	90 - 110		
Sulfate	4.00	4.15		mg/L		104	90 - 110		

Lab Sample ID: LCSD 670-79516/10
Matrix: Water
Analysis Batch: 79516

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	4.00	4.04		mg/L		101	90 - 110	0	20
Fluoride	4.00	4.27		mg/L		107	90 - 110	1	20
Sulfate	4.00	4.22		mg/L		105	90 - 110	2	20

QC Sample Results

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

Job ID: 680-247427-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 680-247427-14 MS

Matrix: Water

Analysis Batch: 79516

Client Sample ID: SCH-CELL1-EB-6

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec	Limits
	Result	Qualifier	Added	Result	Qualifier					
Chloride	<0.20		5.00	5.61		mg/L		112		80 - 120
Fluoride	<0.20		5.00	5.79		mg/L		116		80 - 120
Sulfate	<0.50		5.00	5.60		mg/L		112		80 - 120

Lab Sample ID: 680-247427-14 MSD

Matrix: Water

Analysis Batch: 79516

Client Sample ID: SCH-CELL1-EB-6

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier							
Chloride	<0.20		5.00	5.61		mg/L		112		80 - 120	0	20
Fluoride	<0.20		5.00	5.79		mg/L		116		80 - 120	0	20
Sulfate	<0.50		5.00	5.60		mg/L		112		80 - 120	0	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 680-825590/1-A

Matrix: Water

Analysis Batch: 825774

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 825590

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Antimony	<0.00034		0.0020	0.00034	mg/L		03/04/24 06:05	03/04/24 13:51	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		03/04/24 06:05	03/04/24 13:51	1
Barium	<0.00089		0.010	0.00089	mg/L		03/04/24 06:05	03/04/24 13:51	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		03/04/24 06:05	03/04/24 13:51	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		03/04/24 06:05	03/04/24 13:51	1
Calcium	<0.14		0.50	0.14	mg/L		03/04/24 06:05	03/04/24 13:51	1
Chromium	<0.0012		0.0020	0.0012	mg/L		03/04/24 06:05	03/04/24 13:51	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		03/04/24 06:05	03/04/24 13:51	1
Copper	<0.0011		0.0020	0.0011	mg/L		03/04/24 06:05	03/04/24 13:51	1
Lead	<0.00021		0.0010	0.00021	mg/L		03/04/24 06:05	03/04/24 13:51	1
Magnesium	<0.023		0.50	0.023	mg/L		03/04/24 06:05	03/04/24 13:51	1
Nickel	0.000445	J	0.0010	0.00042	mg/L		03/04/24 06:05	03/04/24 13:51	1
Potassium	<0.044		0.50	0.044	mg/L		03/04/24 06:05	03/04/24 13:51	1
Selenium	<0.00099		0.0050	0.00099	mg/L		03/04/24 06:05	03/04/24 13:51	1
Silver	<0.00039		0.0010	0.00039	mg/L		03/04/24 06:05	03/04/24 13:51	1
Sodium	<0.20		0.50	0.20	mg/L		03/04/24 06:05	03/04/24 13:51	1
Thallium	<0.00026		0.0010	0.00026	mg/L		03/04/24 06:05	03/04/24 13:51	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		03/04/24 06:05	03/04/24 13:51	1
Zinc	<0.0028		0.0050	0.0028	mg/L		03/04/24 06:05	03/04/24 13:51	1

Lab Sample ID: MB 680-825590/1-A

Matrix: Water

Analysis Batch: 825991

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 825590

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Boron	<0.022		0.080	0.022	mg/L		03/04/24 06:05	03/05/24 10:00	1

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QC Sample Results

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

Job ID: 680-247427-1

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

Lab Sample ID: LCS 680-825590/2-A
Matrix: Water
Analysis Batch: 825774

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 825590

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0558		mg/L		112	80 - 120
Arsenic	0.100	0.107		mg/L		107	80 - 120
Barium	0.100	0.111		mg/L		111	80 - 120
Beryllium	0.0500	0.0556		mg/L		111	80 - 120
Cadmium	0.0500	0.0539		mg/L		108	80 - 120
Calcium	5.00	5.47		mg/L		109	80 - 120
Chromium	0.100	0.106		mg/L		106	80 - 120
Cobalt	0.0500	0.0557		mg/L		111	80 - 120
Copper	0.101	0.111		mg/L		110	80 - 120
Lead	0.500	0.498		mg/L		100	80 - 120
Magnesium	5.00	5.31		mg/L		106	80 - 120
Nickel	0.100	0.109		mg/L		109	80 - 120
Potassium	7.00	7.71		mg/L		110	80 - 120
Selenium	0.100	0.102		mg/L		102	80 - 120
Silver	0.0500	0.0543		mg/L		109	80 - 120
Sodium	5.03	5.26		mg/L		105	80 - 120
Thallium	0.0500	0.0547		mg/L		109	80 - 120
Vanadium	0.100	0.107		mg/L		107	80 - 120
Zinc	0.0505	0.0530		mg/L		105	80 - 120

Lab Sample ID: LCS 680-825590/2-A
Matrix: Water
Analysis Batch: 825991

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 825590

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	0.400	0.405		mg/L		101	80 - 120

Lab Sample ID: 680-247427-7 MS
Matrix: Water
Analysis Batch: 825774

Client Sample ID: SCH-GWC-12
Prep Type: Total Recoverable
Prep Batch: 825590

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.00034		0.0500	0.0538		mg/L		108	75 - 125
Arsenic	<0.00086		0.100	0.106		mg/L		106	75 - 125
Barium	0.019		0.100	0.123		mg/L		103	75 - 125
Beryllium	<0.00020		0.0500	0.0575		mg/L		115	75 - 125
Cadmium	<0.000078		0.0500	0.0538		mg/L		108	75 - 125
Calcium	1.4		5.00	6.63		mg/L		105	75 - 125
Chromium	0.0021		0.100	0.108		mg/L		106	75 - 125
Cobalt	0.00027	J	0.0500	0.0549		mg/L		109	75 - 125
Copper	<0.0011		0.101	0.112		mg/L		111	75 - 125
Lead	<0.00021		0.500	0.503		mg/L		101	75 - 125
Magnesium	1.0		5.00	6.10		mg/L		102	75 - 125
Nickel	0.00092	J B	0.100	0.108		mg/L		107	75 - 125
Potassium	0.37	J	7.00	7.92		mg/L		108	75 - 125
Selenium	<0.00099		0.100	0.101		mg/L		101	75 - 125
Silver	<0.00039		0.0500	0.0534		mg/L		107	75 - 125
Sodium	3.0		5.03	7.72		mg/L		95	75 - 125
Thallium	<0.00026		0.0500	0.0532		mg/L		106	75 - 125

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QC Sample Results

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

Job ID: 680-247427-1

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

Lab Sample ID: 680-247427-7 MS
Matrix: Water
Analysis Batch: 825774

Client Sample ID: SCH-GWC-12
Prep Type: Total Recoverable
Prep Batch: 825590

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec	Limits
	Result	Qualifier	Added	Result	Qualifier					
Vanadium	<0.00063		0.100	0.109		mg/L		109	75 - 125	
Zinc	<0.0028		0.0505	0.0537		mg/L		106	75 - 125	

Lab Sample ID: 680-247427-7 MS
Matrix: Water
Analysis Batch: 825991

Client Sample ID: SCH-GWC-12
Prep Type: Total Recoverable
Prep Batch: 825590

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec	Limits
	Result	Qualifier	Added	Result	Qualifier					
Boron	0.024	J	0.400	0.412		mg/L		97	75 - 125	

Lab Sample ID: 680-247427-7 MSD
Matrix: Water
Analysis Batch: 825774

Client Sample ID: SCH-GWC-12
Prep Type: Total Recoverable
Prep Batch: 825590

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	Limits	RPD	
	Result	Qualifier	Added	Result	Qualifier						RPD	Limit
Antimony	<0.00034		0.0500	0.0552		mg/L		110	75 - 125	3	20	
Arsenic	<0.00086		0.100	0.105		mg/L		105	75 - 125	1	20	
Barium	0.019		0.100	0.128		mg/L		109	75 - 125	5	20	
Beryllium	<0.00020		0.0500	0.0560		mg/L		112	75 - 125	3	20	
Cadmium	<0.000078		0.0500	0.0548		mg/L		110	75 - 125	2	20	
Calcium	1.4		5.00	6.76		mg/L		108	75 - 125	2	20	
Chromium	0.0021		0.100	0.110		mg/L		108	75 - 125	2	20	
Cobalt	0.00027	J	0.0500	0.0547		mg/L		109	75 - 125	0	20	
Copper	<0.0011		0.101	0.112		mg/L		110	75 - 125	1	20	
Lead	<0.00021		0.500	0.517		mg/L		103	75 - 125	3	20	
Magnesium	1.0		5.00	6.40		mg/L		107	75 - 125	5	20	
Nickel	0.00092	J B	0.100	0.107		mg/L		106	75 - 125	1	20	
Potassium	0.37	J	7.00	8.10		mg/L		110	75 - 125	2	20	
Selenium	<0.00099		0.100	0.100		mg/L		100	75 - 125	1	20	
Silver	<0.00039		0.0500	0.0546		mg/L		109	75 - 125	2	20	
Sodium	3.0		5.03	8.13		mg/L		103	75 - 125	5	20	
Thallium	<0.00026		0.0500	0.0575		mg/L		115	75 - 125	8	20	
Vanadium	<0.00063		0.100	0.107		mg/L		107	75 - 125	2	20	
Zinc	<0.0028		0.0505	0.0542		mg/L		107	75 - 125	1	20	

Lab Sample ID: 680-247427-7 MSD
Matrix: Water
Analysis Batch: 825991

Client Sample ID: SCH-GWC-12
Prep Type: Total Recoverable
Prep Batch: 825590

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	Limits	RPD	
	Result	Qualifier	Added	Result	Qualifier						RPD	Limit
Boron	0.024	J	0.400	0.403		mg/L		95	75 - 125	2	20	

Lab Sample ID: MB 680-825592/1-A
Matrix: Water
Analysis Batch: 825774

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 825592

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Antimony	<0.00034		0.0020	0.00034	mg/L		03/04/24 06:05	03/04/24 15:17	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		03/04/24 06:05	03/04/24 15:17	1
Barium	<0.00089		0.010	0.00089	mg/L		03/04/24 06:05	03/04/24 15:17	1

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QC Sample Results

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

Job ID: 680-247427-1

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

Lab Sample ID: MB 680-825592/1-A
Matrix: Water
Analysis Batch: 825774

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 825592

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Beryllium	<0.00020		0.0025	0.00020	mg/L		03/04/24 06:05	03/04/24 15:17	1
Boron	<0.022		0.080	0.022	mg/L		03/04/24 06:05	03/04/24 15:17	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		03/04/24 06:05	03/04/24 15:17	1
Calcium	<0.14		0.50	0.14	mg/L		03/04/24 06:05	03/04/24 15:17	1
Chromium	<0.0012		0.0020	0.0012	mg/L		03/04/24 06:05	03/04/24 15:17	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		03/04/24 06:05	03/04/24 15:17	1
Copper	<0.0011		0.0020	0.0011	mg/L		03/04/24 06:05	03/04/24 15:17	1
Lead	<0.00021		0.0010	0.00021	mg/L		03/04/24 06:05	03/04/24 15:17	1
Magnesium	<0.023		0.50	0.023	mg/L		03/04/24 06:05	03/04/24 15:17	1
Nickel	<0.00042		0.0010	0.00042	mg/L		03/04/24 06:05	03/04/24 15:17	1
Potassium	<0.044		0.50	0.044	mg/L		03/04/24 06:05	03/04/24 15:17	1
Selenium	<0.00099		0.0050	0.00099	mg/L		03/04/24 06:05	03/04/24 15:17	1
Silver	<0.00039		0.0010	0.00039	mg/L		03/04/24 06:05	03/04/24 15:17	1
Sodium	<0.20		0.50	0.20	mg/L		03/04/24 06:05	03/04/24 15:17	1
Thallium	<0.00026		0.0010	0.00026	mg/L		03/04/24 06:05	03/04/24 15:17	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		03/04/24 06:05	03/04/24 15:17	1
Zinc	<0.0028		0.0050	0.0028	mg/L		03/04/24 06:05	03/04/24 15:17	1

Lab Sample ID: LCS 680-825592/2-A
Matrix: Water
Analysis Batch: 825774

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 825592

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Antimony	0.0500	0.0512		mg/L		102	80 - 120
Arsenic	0.100	0.100		mg/L		100	80 - 120
Barium	0.100	0.101		mg/L		101	80 - 120
Beryllium	0.0500	0.0531		mg/L		106	80 - 120
Boron	0.400	0.391		mg/L		98	80 - 120
Cadmium	0.0500	0.0524		mg/L		105	80 - 120
Calcium	5.00	5.13		mg/L		103	80 - 120
Chromium	0.100	0.101		mg/L		100	80 - 120
Cobalt	0.0500	0.0529		mg/L		106	80 - 120
Copper	0.101	0.109		mg/L		108	80 - 120
Lead	0.500	0.489		mg/L		98	80 - 120
Magnesium	5.00	4.99		mg/L		100	80 - 120
Nickel	0.100	0.105		mg/L		105	80 - 120
Potassium	7.00	7.20		mg/L		103	80 - 120
Selenium	0.100	0.0942		mg/L		94	80 - 120
Silver	0.0500	0.0516		mg/L		103	80 - 120
Sodium	5.03	4.95		mg/L		98	80 - 120
Thallium	0.0500	0.0520		mg/L		104	80 - 120
Vanadium	0.100	0.106		mg/L		106	80 - 120
Zinc	0.0505	0.0506		mg/L		100	80 - 120

QC Sample Results

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

Job ID: 680-247427-1

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

Lab Sample ID: 680-247427-17 MS

Matrix: Water

Analysis Batch: 825774

Client Sample ID: SCH-GWC-1

Prep Type: Total Recoverable

Prep Batch: 825592

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec
	Result	Qualifier	Added	Result	Qualifier			Limits	Limits
Antimony	<0.00034		0.0500	0.0514		mg/L		103	75 - 125
Arsenic	<0.00086		0.100	0.0968		mg/L		97	75 - 125
Barium	0.048		0.100	0.154		mg/L		106	75 - 125
Beryllium	<0.00020		0.0500	0.0524		mg/L		105	75 - 125
Boron	<0.022		0.400	0.388		mg/L		97	75 - 125
Cadmium	<0.000078		0.0500	0.0489		mg/L		98	75 - 125
Calcium	18		5.00	21.8		mg/L		78	75 - 125
Chromium	0.014		0.100	0.117		mg/L		103	75 - 125
Cobalt	<0.00022		0.0500	0.0525		mg/L		105	75 - 125
Copper	<0.0011		0.101	0.109		mg/L		108	75 - 125
Lead	0.00028	J	0.500	0.484		mg/L		97	75 - 125
Magnesium	8.9		5.00	13.5		mg/L		93	75 - 125
Nickel	0.00096	J	0.100	0.103		mg/L		102	75 - 125
Potassium	0.97		7.00	8.15		mg/L		102	75 - 125
Selenium	<0.00099		0.100	0.0916		mg/L		92	75 - 125
Silver	<0.00039		0.0500	0.0509		mg/L		102	75 - 125
Sodium	11		5.03	15.4		mg/L		88	75 - 125
Thallium	<0.00026		0.0500	0.0533		mg/L		107	75 - 125
Vanadium	0.018		0.100	0.121		mg/L		103	75 - 125
Zinc	0.0040	J	0.0505	0.0495		mg/L		90	75 - 125

Lab Sample ID: 680-247427-17 MSD

Matrix: Water

Analysis Batch: 825774

Client Sample ID: SCH-GWC-1

Prep Type: Total Recoverable

Prep Batch: 825592

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier			Limits	Limits	RPD	Limit
Antimony	<0.00034		0.0500	0.0509		mg/L		102	75 - 125	1	20
Arsenic	<0.00086		0.100	0.0984		mg/L		98	75 - 125	2	20
Barium	0.048		0.100	0.147		mg/L		99	75 - 125	4	20
Beryllium	<0.00020		0.0500	0.0523		mg/L		105	75 - 125	0	20
Boron	<0.022		0.400	0.397		mg/L		99	75 - 125	2	20
Cadmium	<0.000078		0.0500	0.0524		mg/L		105	75 - 125	7	20
Calcium	18		5.00	22.0		mg/L		81	75 - 125	1	20
Chromium	0.014		0.100	0.117		mg/L		103	75 - 125	0	20
Cobalt	<0.00022		0.0500	0.0522		mg/L		104	75 - 125	1	20
Copper	<0.0011		0.101	0.109		mg/L		108	75 - 125	0	20
Lead	0.00028	J	0.500	0.483		mg/L		97	75 - 125	0	20
Magnesium	8.9		5.00	13.4		mg/L		91	75 - 125	1	20
Nickel	0.00096	J	0.100	0.103		mg/L		102	75 - 125	0	20
Potassium	0.97		7.00	8.10		mg/L		102	75 - 125	1	20
Selenium	<0.00099		0.100	0.0934		mg/L		93	75 - 125	2	20
Silver	<0.00039		0.0500	0.0520		mg/L		104	75 - 125	2	20
Sodium	11		5.03	15.4		mg/L		88	75 - 125	0	20
Thallium	<0.00026		0.0500	0.0521		mg/L		104	75 - 125	2	20
Vanadium	0.018		0.100	0.123		mg/L		105	75 - 125	2	20
Zinc	0.0040	J	0.0505	0.0510		mg/L		93	75 - 125	3	20

QC Sample Results

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

Job ID: 680-247427-1

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 680-825852/1-A
Matrix: Water
Analysis Batch: 825982

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 825852

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/05/24 11:18	03/05/24 16:58	1

Lab Sample ID: LCS 680-825852/2-A
Matrix: Water
Analysis Batch: 825982

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 825852

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00250	0.00252		mg/L		101	80 - 120

Lab Sample ID: 680-247418-B-6-D MS
Matrix: Water
Analysis Batch: 825982

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 825852

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.000080		0.00100	0.000980		mg/L		98	80 - 120

Lab Sample ID: 680-247418-B-6-E MSD
Matrix: Water
Analysis Batch: 825982

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 825852

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.000080		0.00100	0.000979		mg/L		98	80 - 120	0	20

Lab Sample ID: MB 680-825884/1-A
Matrix: Water
Analysis Batch: 826126

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 825884

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/05/24 13:17	03/06/24 10:22	1

Lab Sample ID: LCS 680-825884/2-A
Matrix: Water
Analysis Batch: 826126

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 825884

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00250	0.00241		mg/L		96	80 - 120

Lab Sample ID: 680-247361-C-2-H MS
Matrix: Water
Analysis Batch: 826126

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 825884

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

Lab Sample ID: 680-247361-C-2-I MSD
Matrix: Water
Analysis Batch: 826126

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 825884

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.000080		0.00100	0.000931		mg/L		93	80 - 120	8	20

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QC Sample Results

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

Job ID: 680-247427-1

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 680-826276/1-A
Matrix: Water
Analysis Batch: 826472

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 826276

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/07/24 09:53	03/07/24 16:28	1

Lab Sample ID: LCS 680-826276/2-A
Matrix: Water
Analysis Batch: 826472

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 826276

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00250	0.00262		mg/L		105	80 - 120

Lab Sample ID: 400-251814-C-1-D MS
Matrix: Water
Analysis Batch: 826472

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 826276

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.000080		0.00100	0.00106		mg/L		106	80 - 120

Lab Sample ID: 400-251814-C-1-E MSD
Matrix: Water
Analysis Batch: 826472

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 826276

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.000080		0.00100	0.00103		mg/L		103	80 - 120	3	20

Lab Sample ID: MB 680-826295/1-A
Matrix: Water
Analysis Batch: 826574

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 826295

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/07/24 10:55	03/08/24 11:11	1

Lab Sample ID: LCS 680-826295/2-A
Matrix: Water
Analysis Batch: 826574

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 826295

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00250	0.00237		mg/L		95	80 - 120

Lab Sample ID: 400-251953-C-9-D MS
Matrix: Water
Analysis Batch: 826574

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 826295

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.000080		0.00100	0.000963		mg/L		96	80 - 120

Lab Sample ID: 400-251953-C-9-E MSD
Matrix: Water
Analysis Batch: 826574

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 826295

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.000080		0.00100	0.000971		mg/L		97	80 - 120	1	20

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QC Sample Results

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

Job ID: 680-247427-1

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 680-826304/1-A
Matrix: Water
Analysis Batch: 826574

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 826304

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/07/24 11:59	03/08/24 12:08	1

Lab Sample ID: LCS 680-826304/2-A
Matrix: Water
Analysis Batch: 826574

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 826304

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00250	0.00242		mg/L		97	80 - 120

Lab Sample ID: 680-247506-L-1-D MS
Matrix: Water
Analysis Batch: 826574

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 826304

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.000080		0.00100	0.000965		mg/L		97	80 - 120

Lab Sample ID: 680-247506-L-1-E MSD
Matrix: Water
Analysis Batch: 826574

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 826304

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.000080		0.00100	0.000981		mg/L		98	80 - 120	2	20

Method: 2320B-2011 - Alkalinity, Total

Lab Sample ID: MB 680-825906/4
Matrix: Water
Analysis Batch: 825906

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<2.2		5.0	2.2	mg/L			03/04/24 17:10	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			03/04/24 17:10	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			03/04/24 17:10	1

Lab Sample ID: LCS 680-825906/6
Matrix: Water
Analysis Batch: 825906

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

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

Lab Sample ID: LCSD 680-825906/31
Matrix: Water
Analysis Batch: 825906

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	250	250		mg/L		100	90 - 112	0	30

QC Sample Results

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

Job ID: 680-247427-1

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

Lab Sample ID: 680-247338-F-11 DU
Matrix: Water
Analysis Batch: 825906

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Total Alkalinity as CaCO3 to pH 4.5	3.5	J	<2.2		mg/L		NC	30
Bicarbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	30
Carbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	30

Lab Sample ID: MB 680-825907/4
Matrix: Water
Analysis Batch: 825907

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
	Result	Qualifier								
Total Alkalinity as CaCO3 to pH 4.5	<2.2		5.0	2.2	mg/L			03/04/24 22:29		1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			03/04/24 22:29		1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			03/04/24 22:29		1

Lab Sample ID: LCS 680-825907/6
Matrix: Water
Analysis Batch: 825907

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

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec	Limits
	Added	Result	Qualifier					
Total Alkalinity as CaCO3 to pH 4.5	250	249		mg/L		100	90 - 112	

Lab Sample ID: LCSD 680-825907/31
Matrix: Water
Analysis Batch: 825907

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

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec	%Rec	Limits	RPD	Limit
	Added	Result	Qualifier							
Total Alkalinity as CaCO3 to pH 4.5	250	252		mg/L		101	90 - 112	1	30	

Lab Sample ID: 680-247418-E-1 DU
Matrix: Water
Analysis Batch: 825907

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Total Alkalinity as CaCO3 to pH 4.5	52		43.4		mg/L		18	30
Bicarbonate Alkalinity as CaCO3	52		43.4		mg/L		18	30
Carbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	30

Lab Sample ID: 680-247426-F-1 DU
Matrix: Water
Analysis Batch: 825907

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Total Alkalinity as CaCO3 to pH 4.5	24		22.9		mg/L		4	30
Bicarbonate Alkalinity as CaCO3	24		22.9		mg/L		4	30
Carbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	30

QC Sample Results

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

Job ID: 680-247427-1

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

Lab Sample ID: MB 680-826476/4
Matrix: Water
Analysis Batch: 826476

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<2.2		5.0	2.2	mg/L			03/07/24 18:51	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			03/07/24 18:51	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			03/07/24 18:51	1

Lab Sample ID: LCS 680-826476/6
Matrix: Water
Analysis Batch: 826476

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

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

Lab Sample ID: LCSD 680-826476/31
Matrix: Water
Analysis Batch: 826476

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	250	251		mg/L		101	90 - 112	1	30

Lab Sample ID: 680-247427-14 DU
Matrix: Water
Analysis Batch: 826476

Client Sample ID: SCH-CELL1-EB-6
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	3.6	J	<2.2		mg/L		NC	30
Bicarbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	30
Carbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	30

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

Lab Sample ID: MB 680-826067/1
Matrix: Water
Analysis Batch: 826067

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			03/06/24 10:46	1

Lab Sample ID: LCS 680-826067/2
Matrix: Water
Analysis Batch: 826067

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	2410	2440		mg/L		101	80 - 120

QC Sample Results

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

Job ID: 680-247427-1

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

Lab Sample ID: LCSD 680-826067/3
Matrix: Water
Analysis Batch: 826067

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids	2410	2430		mg/L		101	80 - 120	0	25

Lab Sample ID: 680-247418-A-2 DU
Matrix: Water
Analysis Batch: 826067

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	160		150		mg/L		4	5

Lab Sample ID: 680-247418-A-3 DU
Matrix: Water
Analysis Batch: 826067

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	200		214	F3	mg/L		6	5

Lab Sample ID: MB 680-826354/1
Matrix: Water
Analysis Batch: 826354

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			03/07/24 14:52	1

Lab Sample ID: LCS 680-826354/2
Matrix: Water
Analysis Batch: 826354

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	2410	2470		mg/L		103	80 - 120

Lab Sample ID: LCSD 680-826354/3
Matrix: Water
Analysis Batch: 826354

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids	2410	2410		mg/L		100	80 - 120	2	25

Lab Sample ID: 680-247569-C-1 DU
Matrix: Water
Analysis Batch: 826354

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	990		994		mg/L		0.8	5

Lab Sample ID: 680-247611-A-2 DU
Matrix: Water
Analysis Batch: 826354

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	320		314		mg/L		3	5

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QC Association Summary

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

Job ID: 680-247427-1

HPLC/IC

Analysis Batch: 79273

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247427-1	SCH-GWC-4	Total/NA	Water	300.0	
680-247427-2	SCH-GWC-5	Total/NA	Water	300.0	
680-247427-3	SCH-GWC-6	Total/NA	Water	300.0	
680-247427-4	SCH-GWC-7	Total/NA	Water	300.0	
680-247427-5	SCH-GWC-8A	Total/NA	Water	300.0	
680-247427-6	SCH-GWC-11	Total/NA	Water	300.0	
680-247427-7	SCH-GWC-12	Total/NA	Water	300.0	
680-247427-8	SCH-GWC-18	Total/NA	Water	300.0	
680-247427-9	SCH-GWC-19	Total/NA	Water	300.0	
680-247427-10	SCH-CELL1-FD-5	Total/NA	Water	300.0	
680-247427-11	SCH-CELL1-FD-6	Total/NA	Water	300.0	
680-247427-12	SCH-CELL1-EB-5	Total/NA	Water	300.0	
680-247427-13	SCH-CELL1-FB-5	Total/NA	Water	300.0	
MB 670-79273/37	Method Blank	Total/NA	Water	300.0	
MB 670-79273/6	Method Blank	Total/NA	Water	300.0	
MB 670-79273/68	Method Blank	Total/NA	Water	300.0	
LCS 670-79273/35	Lab Control Sample	Total/NA	Water	300.0	
LCS 670-79273/66	Lab Control Sample	Total/NA	Water	300.0	
LCSD 670-79273/36	Lab Control Sample Dup	Total/NA	Water	300.0	
LCSD 670-79273/67	Lab Control Sample Dup	Total/NA	Water	300.0	
680-247427-4 MS	SCH-GWC-7	Total/NA	Water	300.0	
680-247427-4 MSD	SCH-GWC-7	Total/NA	Water	300.0	

Analysis Batch: 79516

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247427-14	SCH-CELL1-EB-6	Total/NA	Water	300.0	
680-247427-15	SCH-CELL1-FB-6	Total/NA	Water	300.0	
680-247427-16	SCH-GWC-20	Total/NA	Water	300.0	
680-247427-17	SCH-GWC-1	Total/NA	Water	300.0	
680-247427-18	SCH-GWC-9	Total/NA	Water	300.0	
680-247427-19	SCH-GWC-13	Total/NA	Water	300.0	
680-247427-20	SCH-GWC-14	Total/NA	Water	300.0	
680-247427-21	SCH-GWC-2	Total/NA	Water	300.0	
680-247427-22	SCH-GWC-10	Total/NA	Water	300.0	
MB 670-79516/11	Method Blank	Total/NA	Water	300.0	
LCS 670-79516/9	Lab Control Sample	Total/NA	Water	300.0	
LCSD 670-79516/10	Lab Control Sample Dup	Total/NA	Water	300.0	
680-247427-14 MS	SCH-CELL1-EB-6	Total/NA	Water	300.0	
680-247427-14 MSD	SCH-CELL1-EB-6	Total/NA	Water	300.0	

Metals

Prep Batch: 825590

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247427-1	SCH-GWC-4	Total Recoverable	Water	3005A	
680-247427-2	SCH-GWC-5	Total Recoverable	Water	3005A	
680-247427-3	SCH-GWC-6	Total Recoverable	Water	3005A	
680-247427-4	SCH-GWC-7	Total Recoverable	Water	3005A	
680-247427-5	SCH-GWC-8A	Total Recoverable	Water	3005A	
680-247427-7	SCH-GWC-12	Total Recoverable	Water	3005A	
680-247427-8	SCH-GWC-18	Total Recoverable	Water	3005A	

QC Association Summary

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

Job ID: 680-247427-1

Metals (Continued)

Prep Batch: 825590 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247427-9	SCH-GWC-19	Total Recoverable	Water	3005A	
680-247427-10	SCH-CELL1-FD-5	Total Recoverable	Water	3005A	
680-247427-11	SCH-CELL1-FD-6	Total Recoverable	Water	3005A	
680-247427-12	SCH-CELL1-EB-5	Total Recoverable	Water	3005A	
680-247427-13	SCH-CELL1-FB-5	Total Recoverable	Water	3005A	
680-247427-14	SCH-CELL1-EB-6	Total Recoverable	Water	3005A	
680-247427-15	SCH-CELL1-FB-6	Total Recoverable	Water	3005A	
680-247427-16	SCH-GWC-20	Total Recoverable	Water	3005A	
680-247427-18	SCH-GWC-9	Total Recoverable	Water	3005A	
680-247427-20	SCH-GWC-14	Total Recoverable	Water	3005A	
680-247427-22	SCH-GWC-10	Total Recoverable	Water	3005A	
MB 680-825590/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-825590/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
680-247427-7 MS	SCH-GWC-12	Total Recoverable	Water	3005A	
680-247427-7 MSD	SCH-GWC-12	Total Recoverable	Water	3005A	

Prep Batch: 825592

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247427-6	SCH-GWC-11	Total Recoverable	Water	3005A	
680-247427-17	SCH-GWC-1	Total Recoverable	Water	3005A	
680-247427-19	SCH-GWC-13	Total Recoverable	Water	3005A	
680-247427-21	SCH-GWC-2	Total Recoverable	Water	3005A	
MB 680-825592/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-825592/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
680-247427-17 MS	SCH-GWC-1	Total Recoverable	Water	3005A	
680-247427-17 MSD	SCH-GWC-1	Total Recoverable	Water	3005A	

Analysis Batch: 825774

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247427-1	SCH-GWC-4	Total Recoverable	Water	6020B	825590
680-247427-2	SCH-GWC-5	Total Recoverable	Water	6020B	825590
680-247427-3	SCH-GWC-6	Total Recoverable	Water	6020B	825590
680-247427-4	SCH-GWC-7	Total Recoverable	Water	6020B	825590
680-247427-5	SCH-GWC-8A	Total Recoverable	Water	6020B	825590
680-247427-6	SCH-GWC-11	Total Recoverable	Water	6020B	825592
680-247427-7	SCH-GWC-12	Total Recoverable	Water	6020B	825590
680-247427-8	SCH-GWC-18	Total Recoverable	Water	6020B	825590
680-247427-9	SCH-GWC-19	Total Recoverable	Water	6020B	825590
680-247427-10	SCH-CELL1-FD-5	Total Recoverable	Water	6020B	825590
680-247427-11	SCH-CELL1-FD-6	Total Recoverable	Water	6020B	825590
680-247427-12	SCH-CELL1-EB-5	Total Recoverable	Water	6020B	825590
680-247427-13	SCH-CELL1-FB-5	Total Recoverable	Water	6020B	825590
680-247427-14	SCH-CELL1-EB-6	Total Recoverable	Water	6020B	825590
680-247427-15	SCH-CELL1-FB-6	Total Recoverable	Water	6020B	825590
680-247427-16	SCH-GWC-20	Total Recoverable	Water	6020B	825590
680-247427-17	SCH-GWC-1	Total Recoverable	Water	6020B	825592
680-247427-18	SCH-GWC-9	Total Recoverable	Water	6020B	825590
680-247427-19	SCH-GWC-13	Total Recoverable	Water	6020B	825592
680-247427-20	SCH-GWC-14	Total Recoverable	Water	6020B	825590
680-247427-21	SCH-GWC-2	Total Recoverable	Water	6020B	825592
680-247427-22	SCH-GWC-10	Total Recoverable	Water	6020B	825590

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QC Association Summary

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

Job ID: 680-247427-1

Metals (Continued)

Analysis Batch: 825774 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 680-825590/1-A	Method Blank	Total Recoverable	Water	6020B	825590
MB 680-825592/1-A	Method Blank	Total Recoverable	Water	6020B	825592
LCS 680-825590/2-A	Lab Control Sample	Total Recoverable	Water	6020B	825590
LCS 680-825592/2-A	Lab Control Sample	Total Recoverable	Water	6020B	825592
680-247427-7 MS	SCH-GWC-12	Total Recoverable	Water	6020B	825590
680-247427-7 MSD	SCH-GWC-12	Total Recoverable	Water	6020B	825590
680-247427-17 MS	SCH-GWC-1	Total Recoverable	Water	6020B	825592
680-247427-17 MSD	SCH-GWC-1	Total Recoverable	Water	6020B	825592

Prep Batch: 825852

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247427-6	SCH-GWC-11	Total/NA	Water	7470A	
680-247427-9	SCH-GWC-19	Total/NA	Water	7470A	
680-247427-17	SCH-GWC-1	Total/NA	Water	7470A	
680-247427-19	SCH-GWC-13	Total/NA	Water	7470A	
680-247427-21	SCH-GWC-2	Total/NA	Water	7470A	
MB 680-825852/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-825852/2-A	Lab Control Sample	Total/NA	Water	7470A	
680-247418-B-6-D MS	Matrix Spike	Total/NA	Water	7470A	
680-247418-B-6-E MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Prep Batch: 825884

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247427-7	SCH-GWC-12	Total/NA	Water	7470A	
680-247427-8	SCH-GWC-18	Total/NA	Water	7470A	
680-247427-12	SCH-CELL1-EB-5	Total/NA	Water	7470A	
680-247427-15	SCH-CELL1-FB-6	Total/NA	Water	7470A	
MB 680-825884/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-825884/2-A	Lab Control Sample	Total/NA	Water	7470A	
680-247361-C-2-H MS	Matrix Spike	Total/NA	Water	7470A	
680-247361-C-2-I MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 825982

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247427-6	SCH-GWC-11	Total/NA	Water	7470A	825852
680-247427-9	SCH-GWC-19	Total/NA	Water	7470A	825852
680-247427-17	SCH-GWC-1	Total/NA	Water	7470A	825852
680-247427-19	SCH-GWC-13	Total/NA	Water	7470A	825852
680-247427-21	SCH-GWC-2	Total/NA	Water	7470A	825852
MB 680-825852/1-A	Method Blank	Total/NA	Water	7470A	825852
LCS 680-825852/2-A	Lab Control Sample	Total/NA	Water	7470A	825852
680-247418-B-6-D MS	Matrix Spike	Total/NA	Water	7470A	825852
680-247418-B-6-E MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	825852

Analysis Batch: 825991

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247427-7	SCH-GWC-12	Total Recoverable	Water	6020B	825590
680-247427-9	SCH-GWC-19	Total Recoverable	Water	6020B	825590
680-247427-10	SCH-CELL1-FD-5	Total Recoverable	Water	6020B	825590
680-247427-12	SCH-CELL1-EB-5	Total Recoverable	Water	6020B	825590
680-247427-15	SCH-CELL1-FB-6	Total Recoverable	Water	6020B	825590

QC Association Summary

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

Job ID: 680-247427-1

Metals (Continued)

Analysis Batch: 825991 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247427-16	SCH-GWC-20	Total Recoverable	Water	6020B	825590
MB 680-825590/1-A	Method Blank	Total Recoverable	Water	6020B	825590
LCS 680-825590/2-A	Lab Control Sample	Total Recoverable	Water	6020B	825590
680-247427-7 MS	SCH-GWC-12	Total Recoverable	Water	6020B	825590
680-247427-7 MSD	SCH-GWC-12	Total Recoverable	Water	6020B	825590

Analysis Batch: 826126

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247427-7	SCH-GWC-12	Total/NA	Water	7470A	825884
680-247427-8	SCH-GWC-18	Total/NA	Water	7470A	825884
680-247427-12	SCH-CELL1-EB-5	Total/NA	Water	7470A	825884
680-247427-15	SCH-CELL1-FB-6	Total/NA	Water	7470A	825884
MB 680-825884/1-A	Method Blank	Total/NA	Water	7470A	825884
LCS 680-825884/2-A	Lab Control Sample	Total/NA	Water	7470A	825884
680-247361-C-2-H MS	Matrix Spike	Total/NA	Water	7470A	825884
680-247361-C-2-I MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	825884

Prep Batch: 826276

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247427-1	SCH-GWC-4	Total/NA	Water	7470A	
680-247427-2	SCH-GWC-5	Total/NA	Water	7470A	
680-247427-3	SCH-GWC-6	Total/NA	Water	7470A	
680-247427-4	SCH-GWC-7	Total/NA	Water	7470A	
680-247427-5	SCH-GWC-8A	Total/NA	Water	7470A	
MB 680-826276/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-826276/2-A	Lab Control Sample	Total/NA	Water	7470A	
400-251814-C-1-D MS	Matrix Spike	Total/NA	Water	7470A	
400-251814-C-1-E MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Prep Batch: 826295

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247427-11	SCH-CELL1-FD-6	Total/NA	Water	7470A	
680-247427-13	SCH-CELL1-FB-5	Total/NA	Water	7470A	
680-247427-14	SCH-CELL1-EB-6	Total/NA	Water	7470A	
680-247427-16	SCH-GWC-20	Total/NA	Water	7470A	
680-247427-18	SCH-GWC-9	Total/NA	Water	7470A	
680-247427-20	SCH-GWC-14	Total/NA	Water	7470A	
680-247427-22	SCH-GWC-10	Total/NA	Water	7470A	
MB 680-826295/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-826295/2-A	Lab Control Sample	Total/NA	Water	7470A	
400-251953-C-9-D MS	Matrix Spike	Total/NA	Water	7470A	
400-251953-C-9-E MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Prep Batch: 826304

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247427-10	SCH-CELL1-FD-5	Total/NA	Water	7470A	
MB 680-826304/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-826304/2-A	Lab Control Sample	Total/NA	Water	7470A	
680-247506-L-1-D MS	Matrix Spike	Total/NA	Water	7470A	
680-247506-L-1-E MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	



QC Association Summary

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

Job ID: 680-247427-1

Metals

Analysis Batch: 826472

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247427-1	SCH-GWC-4	Total/NA	Water	7470A	826276
680-247427-2	SCH-GWC-5	Total/NA	Water	7470A	826276
680-247427-3	SCH-GWC-6	Total/NA	Water	7470A	826276
680-247427-4	SCH-GWC-7	Total/NA	Water	7470A	826276
680-247427-5	SCH-GWC-8A	Total/NA	Water	7470A	826276
MB 680-826276/1-A	Method Blank	Total/NA	Water	7470A	826276
LCS 680-826276/2-A	Lab Control Sample	Total/NA	Water	7470A	826276
400-251814-C-1-D MS	Matrix Spike	Total/NA	Water	7470A	826276
400-251814-C-1-E MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	826276

Analysis Batch: 826574

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247427-10	SCH-CELL1-FD-5	Total/NA	Water	7470A	826304
680-247427-11	SCH-CELL1-FD-6	Total/NA	Water	7470A	826295
680-247427-13	SCH-CELL1-FB-5	Total/NA	Water	7470A	826295
680-247427-14	SCH-CELL1-EB-6	Total/NA	Water	7470A	826295
680-247427-16	SCH-GWC-20	Total/NA	Water	7470A	826295
680-247427-18	SCH-GWC-9	Total/NA	Water	7470A	826295
680-247427-20	SCH-GWC-14	Total/NA	Water	7470A	826295
680-247427-22	SCH-GWC-10	Total/NA	Water	7470A	826295
MB 680-826295/1-A	Method Blank	Total/NA	Water	7470A	826295
MB 680-826304/1-A	Method Blank	Total/NA	Water	7470A	826304
LCS 680-826295/2-A	Lab Control Sample	Total/NA	Water	7470A	826295
LCS 680-826304/2-A	Lab Control Sample	Total/NA	Water	7470A	826304
400-251953-C-9-D MS	Matrix Spike	Total/NA	Water	7470A	826295
400-251953-C-9-E MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	826295
680-247506-L-1-D MS	Matrix Spike	Total/NA	Water	7470A	826304
680-247506-L-1-E MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	826304

General Chemistry

Analysis Batch: 825906

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247427-7	SCH-GWC-12	Total/NA	Water	2320B-2011	
MB 680-825906/4	Method Blank	Total/NA	Water	2320B-2011	
LCS 680-825906/6	Lab Control Sample	Total/NA	Water	2320B-2011	
LCSD 680-825906/31	Lab Control Sample Dup	Total/NA	Water	2320B-2011	
680-247338-F-11 DU	Duplicate	Total/NA	Water	2320B-2011	

Analysis Batch: 825907

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247427-1	SCH-GWC-4	Total/NA	Water	2320B-2011	
680-247427-2	SCH-GWC-5	Total/NA	Water	2320B-2011	
680-247427-3	SCH-GWC-6	Total/NA	Water	2320B-2011	
680-247427-4	SCH-GWC-7	Total/NA	Water	2320B-2011	
680-247427-5	SCH-GWC-8A	Total/NA	Water	2320B-2011	
680-247427-6	SCH-GWC-11	Total/NA	Water	2320B-2011	
MB 680-825907/4	Method Blank	Total/NA	Water	2320B-2011	
LCS 680-825907/6	Lab Control Sample	Total/NA	Water	2320B-2011	
LCSD 680-825907/31	Lab Control Sample Dup	Total/NA	Water	2320B-2011	
680-247418-E-1 DU	Duplicate	Total/NA	Water	2320B-2011	

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QC Association Summary

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

Job ID: 680-247427-1

General Chemistry (Continued)

Analysis Batch: 825907 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247426-F-1 DU	Duplicate	Total/NA	Water	2320B-2011	

Analysis Batch: 826067

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247427-1	SCH-GWC-4	Total/NA	Water	2540C-2011	
680-247427-2	SCH-GWC-5	Total/NA	Water	2540C-2011	
680-247427-3	SCH-GWC-6	Total/NA	Water	2540C-2011	
680-247427-4	SCH-GWC-7	Total/NA	Water	2540C-2011	
680-247427-5	SCH-GWC-8A	Total/NA	Water	2540C-2011	
680-247427-6	SCH-GWC-11	Total/NA	Water	2540C-2011	
680-247427-7	SCH-GWC-12	Total/NA	Water	2540C-2011	
680-247427-8	SCH-GWC-18	Total/NA	Water	2540C-2011	
680-247427-9	SCH-GWC-19	Total/NA	Water	2540C-2011	
680-247427-10	SCH-CELL1-FD-5	Total/NA	Water	2540C-2011	
MB 680-826067/1	Method Blank	Total/NA	Water	2540C-2011	
LCS 680-826067/2	Lab Control Sample	Total/NA	Water	2540C-2011	
LCSD 680-826067/3	Lab Control Sample Dup	Total/NA	Water	2540C-2011	
680-247418-A-2 DU	Duplicate	Total/NA	Water	2540C-2011	
680-247418-A-3 DU	Duplicate	Total/NA	Water	2540C-2011	

Analysis Batch: 826354

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247427-11	SCH-CELL1-FD-6	Total/NA	Water	2540C-2011	
680-247427-12	SCH-CELL1-EB-5	Total/NA	Water	2540C-2011	
680-247427-13	SCH-CELL1-FB-5	Total/NA	Water	2540C-2011	
680-247427-14	SCH-CELL1-EB-6	Total/NA	Water	2540C-2011	
680-247427-15	SCH-CELL1-FB-6	Total/NA	Water	2540C-2011	
680-247427-16	SCH-GWC-20	Total/NA	Water	2540C-2011	
680-247427-17	SCH-GWC-1	Total/NA	Water	2540C-2011	
680-247427-18	SCH-GWC-9	Total/NA	Water	2540C-2011	
680-247427-19	SCH-GWC-13	Total/NA	Water	2540C-2011	
680-247427-20	SCH-GWC-14	Total/NA	Water	2540C-2011	
680-247427-21	SCH-GWC-2	Total/NA	Water	2540C-2011	
680-247427-22	SCH-GWC-10	Total/NA	Water	2540C-2011	
MB 680-826354/1	Method Blank	Total/NA	Water	2540C-2011	
LCS 680-826354/2	Lab Control Sample	Total/NA	Water	2540C-2011	
LCSD 680-826354/3	Lab Control Sample Dup	Total/NA	Water	2540C-2011	
680-247569-C-1 DU	Duplicate	Total/NA	Water	2540C-2011	
680-247611-A-2 DU	Duplicate	Total/NA	Water	2540C-2011	

Analysis Batch: 826476

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247427-8	SCH-GWC-18	Total/NA	Water	2320B-2011	
680-247427-9	SCH-GWC-19	Total/NA	Water	2320B-2011	
680-247427-10	SCH-CELL1-FD-5	Total/NA	Water	2320B-2011	
680-247427-11	SCH-CELL1-FD-6	Total/NA	Water	2320B-2011	
680-247427-12	SCH-CELL1-EB-5	Total/NA	Water	2320B-2011	
680-247427-13	SCH-CELL1-FB-5	Total/NA	Water	2320B-2011	
680-247427-14	SCH-CELL1-EB-6	Total/NA	Water	2320B-2011	
680-247427-15	SCH-CELL1-FB-6	Total/NA	Water	2320B-2011	
680-247427-16	SCH-GWC-20	Total/NA	Water	2320B-2011	

QC Association Summary

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

Job ID: 680-247427-1

General Chemistry (Continued)

Analysis Batch: 826476 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247427-17	SCH-GWC-1	Total/NA	Water	2320B-2011	
680-247427-18	SCH-GWC-9	Total/NA	Water	2320B-2011	
680-247427-19	SCH-GWC-13	Total/NA	Water	2320B-2011	
680-247427-20	SCH-GWC-14	Total/NA	Water	2320B-2011	
680-247427-21	SCH-GWC-2	Total/NA	Water	2320B-2011	
680-247427-22	SCH-GWC-10	Total/NA	Water	2320B-2011	
MB 680-826476/4	Method Blank	Total/NA	Water	2320B-2011	
LCS 680-826476/6	Lab Control Sample	Total/NA	Water	2320B-2011	
LCSD 680-826476/31	Lab Control Sample Dup	Total/NA	Water	2320B-2011	
680-247427-14 DU	SCH-CELL1-EB-6	Total/NA	Water	2320B-2011	

Lab Chronicle

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

Job ID: 680-247427-1

Client Sample ID: SCH-GWC-4

Lab Sample ID: 680-247427-1

Date Collected: 02/29/24 09:35

Matrix: Water

Date Received: 03/02/24 09:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		2			79273	03/07/24 02:06	BR	EET ORL
Instrument ID: IC_004										
Total Recoverable	Prep	3005A			25 mL	125 mL	825590	03/04/24 06:05	RR	EET SAV
Total Recoverable	Analysis	6020B		1			825774	03/04/24 15:08	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	826276	03/07/24 09:53	DW	EET SAV
Total/NA	Analysis	7470A		1			826472	03/07/24 17:13	BJB	EET SAV
Instrument ID: QuickTrace2										
Total/NA	Analysis	2320B-2011		1			825907	03/05/24 01:20	PG	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	826067	03/06/24 10:46	PG	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWC-5

Lab Sample ID: 680-247427-2

Date Collected: 02/29/24 11:15

Matrix: Water

Date Received: 03/02/24 09:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		2			79273	03/07/24 02:23	BR	EET ORL
Instrument ID: IC_004										
Total Recoverable	Prep	3005A			25 mL	125 mL	825590	03/04/24 06:05	RR	EET SAV
Total Recoverable	Analysis	6020B		1			825774	03/04/24 15:00	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	826276	03/07/24 09:53	DW	EET SAV
Total/NA	Analysis	7470A		1			826472	03/07/24 17:19	BJB	EET SAV
Instrument ID: QuickTrace2										
Total/NA	Analysis	2320B-2011		1			825907	03/04/24 23:46	PG	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	826067	03/06/24 10:46	PG	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWC-6

Lab Sample ID: 680-247427-3

Date Collected: 02/29/24 13:25

Matrix: Water

Date Received: 03/02/24 09:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			79273	03/07/24 02:40	BR	EET ORL
Instrument ID: IC_004										
Total Recoverable	Prep	3005A			25 mL	125 mL	825590	03/04/24 06:05	RR	EET SAV
Total Recoverable	Analysis	6020B		1			825774	03/04/24 14:28	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	826276	03/07/24 09:53	DW	EET SAV
Total/NA	Analysis	7470A		1			826472	03/07/24 17:21	BJB	EET SAV
Instrument ID: QuickTrace2										

Lab Chronicle

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

Job ID: 680-247427-1

Client Sample ID: SCH-GWC-6

Lab Sample ID: 680-247427-3

Date Collected: 02/29/24 13:25

Matrix: Water

Date Received: 03/02/24 09:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2320B-2011		1			825907	03/05/24 01:29	PG	EET SAV
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	826067	03/06/24 10:46	PG	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWC-7

Lab Sample ID: 680-247427-4

Date Collected: 02/29/24 14:30

Matrix: Water

Date Received: 03/02/24 09:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			79273	03/07/24 04:21	BR	EET ORL
Instrument ID: IC_004										
Total Recoverable	Prep	3005A			25 mL	125 mL	825590	03/04/24 06:05	RR	EET SAV
Total Recoverable	Analysis	6020B		1			825774	03/04/24 14:31	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	826276	03/07/24 09:53	DW	EET SAV
Total/NA	Analysis	7470A		1			826472	03/07/24 17:24	BJB	EET SAV
Instrument ID: QuickTrace2										
Total/NA	Analysis	2320B-2011		1			825907	03/05/24 00:09	PG	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	826067	03/06/24 10:46	PG	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWC-8A

Lab Sample ID: 680-247427-5

Date Collected: 02/29/24 15:36

Matrix: Water

Date Received: 03/02/24 09:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			79273	03/07/24 05:12	BR	EET ORL
Instrument ID: IC_004										
Total Recoverable	Prep	3005A			25 mL	125 mL	825590	03/04/24 06:05	RR	EET SAV
Total Recoverable	Analysis	6020B		1			825774	03/04/24 15:03	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	826276	03/07/24 09:53	DW	EET SAV
Total/NA	Analysis	7470A		1			826472	03/07/24 17:26	BJB	EET SAV
Instrument ID: QuickTrace2										
Total/NA	Analysis	2320B-2011		1			825907	03/05/24 01:48	PG	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	826067	03/06/24 10:46	PG	EET SAV
Instrument ID: NOEQUIP										

Lab Chronicle

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

Job ID: 680-247427-1

Client Sample ID: SCH-GWC-11

Lab Sample ID: 680-247427-6

Date Collected: 02/29/24 16:38

Matrix: Water

Date Received: 03/02/24 09:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			79273	03/07/24 05:29	BR	EET ORL
Instrument ID: IC_004										
Total Recoverable	Prep	3005A			25 mL	125 mL	825592	03/04/24 06:05	RR	EET SAV
Total Recoverable	Analysis	6020B		1			825774	03/04/24 15:37	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	825852	03/05/24 11:18	BCB	EET SAV
Total/NA	Analysis	7470A		1			825982	03/05/24 17:22	BJB	EET SAV
Instrument ID: QuickTrace2										
Total/NA	Analysis	2320B-2011		1			825907	03/05/24 01:37	PG	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	826067	03/06/24 10:46	PG	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWC-12

Lab Sample ID: 680-247427-7

Date Collected: 02/29/24 14:37

Matrix: Water

Date Received: 03/02/24 09:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			79273	03/07/24 05:46	BR	EET ORL
Instrument ID: IC_004										
Total Recoverable	Prep	3005A			25 mL	125 mL	825590	03/04/24 06:05	RR	EET SAV
Total Recoverable	Analysis	6020B		1			825774	03/04/24 13:57	BWR	EET SAV
Instrument ID: ICPMSD										
Total Recoverable	Prep	3005A			25 mL	125 mL	825590	03/04/24 06:05	RR	EET SAV
Total Recoverable	Analysis	6020B		1			825991	03/05/24 10:06	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	825884	03/05/24 13:17	BCB	EET SAV
Total/NA	Analysis	7470A		1			826126	03/06/24 11:17	BJB	EET SAV
Instrument ID: QuickTrace2										
Total/NA	Analysis	2320B-2011		1			825906	03/04/24 20:50	PG	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	826067	03/06/24 10:46	PG	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWC-18

Lab Sample ID: 680-247427-8

Date Collected: 02/29/24 15:42

Matrix: Water

Date Received: 03/02/24 09:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			79273	03/07/24 06:03	BR	EET ORL
Instrument ID: IC_004										
Total Recoverable	Prep	3005A			25 mL	125 mL	825590	03/04/24 06:05	RR	EET SAV
Total Recoverable	Analysis	6020B		1			825774	03/04/24 14:51	BWR	EET SAV
Instrument ID: ICPMSD										

Lab Chronicle

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

Job ID: 680-247427-1

Client Sample ID: SCH-GWC-18

Lab Sample ID: 680-247427-8

Date Collected: 02/29/24 15:42

Matrix: Water

Date Received: 03/02/24 09:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			50 mL	50 mL	825884	03/05/24 13:17	BCB	EET SAV
Total/NA	Analysis	7470A		1			826126	03/06/24 11:20	BJB	EET SAV
Instrument ID: QuickTrace2										
Total/NA	Analysis	2320B-2011		1			826476	03/07/24 19:54	PG	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	826067	03/06/24 10:46	PG	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWC-19

Lab Sample ID: 680-247427-9

Date Collected: 02/29/24 14:40

Matrix: Water

Date Received: 03/02/24 09:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			79273	03/07/24 06:20	BR	EET ORL
Instrument ID: IC_004										
Total Recoverable	Prep	3005A			25 mL	125 mL	825590	03/04/24 06:05	RR	EET SAV
Total Recoverable	Analysis	6020B		1			825774	03/04/24 14:14	BWR	EET SAV
Instrument ID: ICPMSD										
Total Recoverable	Prep	3005A			25 mL	125 mL	825590	03/04/24 06:05	RR	EET SAV
Total Recoverable	Analysis	6020B		1			825991	03/05/24 10:23	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	825852	03/05/24 11:18	BCB	EET SAV
Total/NA	Analysis	7470A		1			825982	03/05/24 17:53	BJB	EET SAV
Instrument ID: QuickTrace2										
Total/NA	Analysis	2320B-2011		1			826476	03/07/24 21:33	PG	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	826067	03/06/24 10:46	PG	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-CELL1-FD-5

Lab Sample ID: 680-247427-10

Date Collected: 02/29/24 00:00

Matrix: Water

Date Received: 03/02/24 09:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		5			79273	03/07/24 06:37	BR	EET ORL
Instrument ID: IC_004										
Total Recoverable	Prep	3005A			25 mL	125 mL	825590	03/04/24 06:05	RR	EET SAV
Total Recoverable	Analysis	6020B		1			825774	03/04/24 14:17	BWR	EET SAV
Instrument ID: ICPMSD										
Total Recoverable	Prep	3005A			25 mL	125 mL	825590	03/04/24 06:05	RR	EET SAV
Total Recoverable	Analysis	6020B		1			825991	03/05/24 10:26	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	826304	03/07/24 11:59	DW	EET SAV
Total/NA	Analysis	7470A		1			826574	03/08/24 12:29	BJB	EET SAV
Instrument ID: QuickTrace2										

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Lab Chronicle

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

Job ID: 680-247427-1

Client Sample ID: SCH-CELL1-FD-5

Lab Sample ID: 680-247427-10

Date Collected: 02/29/24 00:00

Matrix: Water

Date Received: 03/02/24 09:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2320B-2011		1			826476	03/07/24 20:46	PG	EET SAV
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	826067	03/06/24 10:46	PG	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-CELL1-FD-6

Lab Sample ID: 680-247427-11

Date Collected: 02/29/24 00:00

Matrix: Water

Date Received: 03/02/24 09:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			79273	03/07/24 06:54	BR	EET ORL
Instrument ID: IC_004										
Total Recoverable	Prep	3005A			25 mL	125 mL	825590	03/04/24 06:05	RR	EET SAV
Total Recoverable	Analysis	6020B		1			825774	03/04/24 14:34	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	826295	03/07/24 10:55	DW	EET SAV
Total/NA	Analysis	7470A		1			826574	03/08/24 12:02	BJB	EET SAV
Instrument ID: QuickTrace2										
Total/NA	Analysis	2320B-2011		1			826476	03/07/24 20:33	PG	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	826354	03/07/24 14:52	PG	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-CELL1-EB-5

Lab Sample ID: 680-247427-12

Date Collected: 02/29/24 12:30

Matrix: Water

Date Received: 03/02/24 09:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			79273	03/07/24 07:10	BR	EET ORL
Instrument ID: IC_004										
Total Recoverable	Prep	3005A			25 mL	125 mL	825590	03/04/24 06:05	RR	EET SAV
Total Recoverable	Analysis	6020B		1			825774	03/04/24 14:11	BWR	EET SAV
Instrument ID: ICPMSD										
Total Recoverable	Prep	3005A			25 mL	125 mL	825590	03/04/24 06:05	RR	EET SAV
Total Recoverable	Analysis	6020B		1			825991	03/05/24 10:20	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	825884	03/05/24 13:17	BCB	EET SAV
Total/NA	Analysis	7470A		1			826126	03/06/24 11:14	BJB	EET SAV
Instrument ID: QuickTrace2										
Total/NA	Analysis	2320B-2011		1			826476	03/07/24 20:38	PG	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	826354	03/07/24 14:52	PG	EET SAV
Instrument ID: NOEQUIP										

Lab Chronicle

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

Job ID: 680-247427-1

Client Sample ID: SCH-CELL1-FB-5

Lab Sample ID: 680-247427-13

Date Collected: 02/29/24 11:30

Matrix: Water

Date Received: 03/02/24 09:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			79273	03/07/24 07:27	BR	EET ORL
Instrument ID: IC_004										
Total Recoverable	Prep	3005A			25 mL	125 mL	825590	03/04/24 06:05	RR	EET SAV
Total Recoverable	Analysis	6020B		1			825774	03/04/24 14:40	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	826295	03/07/24 10:55	DW	EET SAV
Total/NA	Analysis	7470A		1			826574	03/08/24 11:21	BJB	EET SAV
Instrument ID: QuickTrace2										
Total/NA	Analysis	2320B-2011		1			826476	03/07/24 20:26	PG	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	826354	03/07/24 14:52	PG	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-CELL1-EB-6

Lab Sample ID: 680-247427-14

Date Collected: 02/29/24 15:55

Matrix: Water

Date Received: 03/02/24 09:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			79516	03/07/24 16:53	YGS	EET ORL
Instrument ID: IC_002										
Total Recoverable	Prep	3005A			25 mL	125 mL	825590	03/04/24 06:05	RR	EET SAV
Total Recoverable	Analysis	6020B		1			825774	03/04/24 14:26	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	826295	03/07/24 10:55	DW	EET SAV
Total/NA	Analysis	7470A		1			826574	03/08/24 11:23	BJB	EET SAV
Instrument ID: QuickTrace2										
Total/NA	Analysis	2320B-2011		1			826476	03/07/24 21:14	PG	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	826354	03/07/24 14:52	PG	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-CELL1-FB-6

Lab Sample ID: 680-247427-15

Date Collected: 02/29/24 14:50

Matrix: Water

Date Received: 03/02/24 09:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			79516	03/07/24 17:54	YGS	EET ORL
Instrument ID: IC_002										
Total Recoverable	Prep	3005A			25 mL	125 mL	825590	03/04/24 06:05	RR	EET SAV
Total Recoverable	Analysis	6020B		1			825774	03/04/24 14:09	BWR	EET SAV
Instrument ID: ICPMSD										
Total Recoverable	Prep	3005A			25 mL	125 mL	825590	03/04/24 06:05	RR	EET SAV
Total Recoverable	Analysis	6020B		1			825991	03/05/24 10:17	BWR	EET SAV
Instrument ID: ICPMSD										

Lab Chronicle

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

Job ID: 680-247427-1

Client Sample ID: SCH-CELL1-FB-6

Lab Sample ID: 680-247427-15

Date Collected: 02/29/24 14:50

Matrix: Water

Date Received: 03/02/24 09:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			50 mL	50 mL	825884	03/05/24 13:17	BCB	EET SAV
Total/NA	Analysis	7470A		1			826126	03/06/24 11:12	BJB	EET SAV
Instrument ID: QuickTrace2										
Total/NA	Analysis	2320B-2011		1			826476	03/07/24 21:24	PG	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	826354	03/07/24 14:52	PG	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWC-20

Lab Sample ID: 680-247427-16

Date Collected: 03/01/24 10:35

Matrix: Water

Date Received: 03/02/24 09:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			79516	03/07/24 18:09	YGS	EET ORL
Instrument ID: IC_002										
Total Recoverable	Prep	3005A			25 mL	125 mL	825590	03/04/24 06:05	RR	EET SAV
Total Recoverable	Analysis	6020B		1			825774	03/04/24 14:06	BWR	EET SAV
Instrument ID: ICPMSD										
Total Recoverable	Prep	3005A			25 mL	125 mL	825590	03/04/24 06:05	RR	EET SAV
Total Recoverable	Analysis	6020B		1			825991	03/05/24 10:14	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	826295	03/07/24 10:55	DW	EET SAV
Total/NA	Analysis	7470A		1			826574	03/08/24 11:25	BJB	EET SAV
Instrument ID: QuickTrace2										
Total/NA	Analysis	2320B-2011		1			826476	03/07/24 20:03	PG	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	826354	03/07/24 14:52	PG	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWC-1

Lab Sample ID: 680-247427-17

Date Collected: 03/01/24 10:00

Matrix: Water

Date Received: 03/02/24 09:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			79516	03/07/24 18:24	YGS	EET ORL
Instrument ID: IC_002										
Total Recoverable	Prep	3005A			25 mL	125 mL	825592	03/04/24 06:05	RR	EET SAV
Total Recoverable	Analysis	6020B		1			825774	03/04/24 15:23	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	825852	03/05/24 11:18	BCB	EET SAV
Total/NA	Analysis	7470A		1			825982	03/05/24 17:26	BJB	EET SAV
Instrument ID: QuickTrace2										
Total/NA	Analysis	2320B-2011		1			826476	03/07/24 20:21	PG	EET SAV
Instrument ID: MANTECH 2										

Lab Chronicle

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

Job ID: 680-247427-1

Client Sample ID: SCH-GWC-1

Lab Sample ID: 680-247427-17

Date Collected: 03/01/24 10:00

Matrix: Water

Date Received: 03/02/24 09:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	826354	03/07/24 14:52	PG	EET SAV

Client Sample ID: SCH-GWC-9

Lab Sample ID: 680-247427-18

Date Collected: 03/01/24 09:37

Matrix: Water

Date Received: 03/02/24 09:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			79516	03/07/24 18:39	YGS	EET ORL
Instrument ID: IC_002										
Total Recoverable	Prep	3005A			25 mL	125 mL	825590	03/04/24 06:05	RR	EET SAV
Total Recoverable	Analysis	6020B		1			825774	03/04/24 14:48	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	826295	03/07/24 10:55	DW	EET SAV
Total/NA	Analysis	7470A		1			826574	03/08/24 11:27	BJB	EET SAV
Instrument ID: QuickTrace2										
Total/NA	Analysis	2320B-2011		1			826476	03/07/24 22:07	PG	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	826354	03/07/24 14:52	PG	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWC-13

Lab Sample ID: 680-247427-19

Date Collected: 03/01/24 08:40

Matrix: Water

Date Received: 03/02/24 09:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			79516	03/07/24 18:54	YGS	EET ORL
Instrument ID: IC_002										
Total Recoverable	Prep	3005A			25 mL	125 mL	825592	03/04/24 06:05	RR	EET SAV
Total Recoverable	Analysis	6020B		1			825774	03/04/24 15:34	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	825852	03/05/24 11:18	BCB	EET SAV
Total/NA	Analysis	7470A		1			825982	03/05/24 17:08	BJB	EET SAV
Instrument ID: QuickTrace2										
Total/NA	Analysis	2320B-2011		1			826476	03/07/24 21:41	PG	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	826354	03/07/24 14:52	PG	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWC-14

Lab Sample ID: 680-247427-20

Date Collected: 03/01/24 09:22

Matrix: Water

Date Received: 03/02/24 09:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			79516	03/07/24 19:09	YGS	EET ORL
Instrument ID: IC_002										

Eurofins Savannah

Lab Chronicle

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

Job ID: 680-247427-1

Client Sample ID: SCH-GWC-14

Lab Sample ID: 680-247427-20

Date Collected: 03/01/24 09:22

Matrix: Water

Date Received: 03/02/24 09:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			25 mL	125 mL	825590	03/04/24 06:05	RR	EET SAV
Total Recoverable	Analysis	6020B		1			825774	03/04/24 14:37	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	826295	03/07/24 10:55	DW	EET SAV
Total/NA	Analysis	7470A		1			826574	03/08/24 11:29	BJB	EET SAV
Instrument ID: QuickTrace2										
Total/NA	Analysis	2320B-2011		1			826476	03/07/24 21:49	PG	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	826354	03/07/24 14:52	PG	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWC-2

Lab Sample ID: 680-247427-21

Date Collected: 03/01/24 08:33

Matrix: Water

Date Received: 03/02/24 09:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			79516	03/07/24 19:24	YGS	EET ORL
Instrument ID: IC_002										
Total Recoverable	Prep	3005A			25 mL	125 mL	825592	03/04/24 06:05	RR	EET SAV
Total Recoverable	Analysis	6020B		1			825774	03/04/24 15:31	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	825852	03/05/24 11:18	BCB	EET SAV
Total/NA	Analysis	7470A		1			825982	03/05/24 17:29	BJB	EET SAV
Instrument ID: QuickTrace2										
Total/NA	Analysis	2320B-2011		1			826476	03/07/24 20:12	PG	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	826354	03/07/24 14:52	PG	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWC-10

Lab Sample ID: 680-247427-22

Date Collected: 03/01/24 11:25

Matrix: Water

Date Received: 03/02/24 09:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			79516	03/07/24 19:39	YGS	EET ORL
Instrument ID: IC_002										
Total Recoverable	Prep	3005A			25 mL	125 mL	825590	03/04/24 06:05	RR	EET SAV
Total Recoverable	Analysis	6020B		1			825774	03/04/24 15:06	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	826295	03/07/24 10:55	DW	EET SAV
Total/NA	Analysis	7470A		1			826574	03/08/24 11:36	BJB	EET SAV
Instrument ID: QuickTrace2										
Total/NA	Analysis	2320B-2011		1			826476	03/07/24 21:58	PG	EET SAV
Instrument ID: MANTECH 2										

Lab Chronicle

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

Job ID: 680-247427-1

Client Sample ID: SCH-GWC-10

Lab Sample ID: 680-247427-22

Date Collected: 03/01/24 11:25

Matrix: Water

Date Received: 03/02/24 09:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	826354	03/07/24 14:52	PG	EET SAV

Laboratory References:

EET ORL = Eurofins Orlando, 481 Newburyport Avenue, Altamonte Springs, FL 32701, TEL (407)339-5984

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



Accreditation/Certification Summary

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

Job ID: 680-247427-1

Laboratory: Eurofins Savannah

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

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87052	06-30-24
Georgia	State	E87052	06-30-24

Laboratory: Eurofins Orlando

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

Authority	Program	Identification Number	Expiration Date
Alabama	State	42800	06-30-24
Arkansas (DW)	State	FL00091	06-30-24
Florida	NELAP	E83018	06-30-24
Georgia (DW)	State	C055	06-30-24
Louisiana (All)	NELAP	239316	06-30-24
Louisiana (DW)	State	LA039	05-24-24
Mississippi	State	MS00007	06-30-24
New Mexico	State	FL00091	06-30-24
North Carolina (DW)	State	12712	07-31-24
Tennessee	State	TN04930	06-30-24
Texas	NELAP	T104704571	02-28-25
Washington	State	C1089	10-19-24

Method Summary

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

Job ID: 680-247427-1

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	EPA	EET ORL
6020B	Metals (ICP/MS)	SW846	EET SAV
7470A	Mercury (CVAA)	SW846	EET SAV
2320B-2011	Alkalinity, Total	SM	EET SAV
2540C-2011	Total Dissolved Solids (Dried at 180 °C)	SM	EET SAV
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET SAV
7470A	Preparation, Mercury	SW846	EET SAV

Protocol References:

EPA = US Environmental Protection Agency

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

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

Laboratory References:

EET ORL = Eurofins Orlando, 481 Newburyport Avenue, Altamonte Springs, FL 32701, TEL (407)339-5984

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

Eurofins Savannah

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

Chain of Custody Record

Client Information	Sampler(s): Mark Mann	Lab PM / Phone: David Fuller / 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Site-Project Manager / Phone: Dawn Prell / 248-536-5445	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: GA	Page: Page 1 of 2
Company: Southern Company		Job #:		

Address: 241 Ralph McGill Blvd SE B10185 City: Atlanta State, Zip: GA, 30308 Phone: Email: JAbraham@southernco.com Project Name: CCR - Plant Scherer Cell 1 Site:	Due Date Requested: TAT Requested (days): 2 weeks Compliance Project: Δ Yes Δ No Lab Project #: (DO NOT REMOVE) 68027798 Lab PO #: GPC82130-0006 / PO Line #3 Project #:	Analysis Requested				Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2SO3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Y - Trizma Z - other (specify)
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Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=water/oli, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2840C - Solids, Total Dissolved (TDS)	6020B - App III - State (15) Metals + Cations (Mg, K, Na)	7470A - Mercury	2320B - Alkalinity, Total, Carb/Bicarb	Total Number of containers	Task Code: SCH-CCR-ASSMT-2024S1 Special Instructions/Notes:
Preservation Code: X X N N D D N													
SCH-GWC-4	2/29/24	9:35	G	WG	N	N	X	X	X	X	X	4	
SCH-GWC-5	2/29/24	11:15	G	WG	N	N	X	X	X	X	X	4	
SCH-GWC-6	2/29/24	13:25	G	WG	N	N	X	X	X	X	X	4	
SCH-GWC-7	2/29/24	14:30	G	WG	N	N	X	X	X	X	X	4	
SCH-GWC-8A	2/29/24	15:36	G	WG	N	N	X	X	X	X	X	4	
SCH-GWC-11	2/29/24	16:38	G	WG	N	N	X	X	X	X	X	4	
SCH-GWC-12	2/29/24	14:37	G	WG	N	N	X	X	X	X	X	4	
SCH-GWC-18	2/29/24	15:42	G	WG	N	N	X	X	X	X	X	4	
SCH-GWC-19	2/29/24	14:40	G	WG	N	N	X	X	X	X	X	4	
SCH-CELL1-FD-5	2/29/24	-	G	WG	N	N	X	X	X	X	X	4	
SCH-CELL1-FD-6	2/29/24	-	G	WG	N	N	X	X	X	X	X	4	

Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month. <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Moi
Deliverable Requested: I, II, III, IV, Other (specify)	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by: MARK MANN	Date/Time: 03/01/24 1443	Company: WSP	Received by: [Signature]
Relinquished by: [Signature]	Date/Time: 3/1/24 1445	Company: EandK	Date/Time: 3/1/24 1443
Relinquished by: [Signature]	Date/Time: 3/1/24 0941	Company:	Date/Time: 3/2/24 0941

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(S) °C and Other Remarks: 2.8/2.8 0.3/0.3 2.8/2.8 0.5/0.5
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Eurofins Savannah

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

Chain of Custody Record

Client Information		Sampler(s): Mark Mann		Lab PM / Phone: David Fuller / 770-344-8986		Carrier Tracking No(s):		COC No:			
Client Contact: Joju Abraham		Site-Project Manager / Phone: Dawn Prell / 248-536-5445		E-Mail: David.Fuller@et.eurofinsus.com		State of Origin: GA		Page: Page 2 of 2			
Company: Southern Company				Analysis Requested				Job #:			
Address: 241 Ralph McGill Blvd SE B10185		Due Date Requested:		Field Filtered Sample (Yes or No) Perform MS/MSD (Yes or No) 300_ORGFM_28D - Chloride, Fluoride, Sulfate 2540C - Solids, Total Dissolved (TDS) 6020B - App III, State (15) Metals + Cations (Mg, K, Na) 7470A - Mercury 2320B - Alkalinity, Total, Carb/Bicarb		Total Number of containers		Preservation Codes:			
City: Atlanta		TAT Requested (days): 2 weeks						A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA		M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2SO4 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Y - Trizma Z - other (specify)	
State, Zip: GA, 30308		Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No						Other:			
Phone:		Lab Project #: (DO NOT REMOVE) 68027798						Task Code: SCH-CCR-ASSMT-2024S1			
Email: JAbraham@southernco.com		Lab PO #: GPC82130-0006 / PO Line #3						Special Instructions/Notes:			
Project Name: CCR - Plant Scherer Cell 1		Project #:									
Site:											
Sample Identification		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)		Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)			
						Preservation Code:					
SCH-CELL1-EB-5		2/29/24		12:30		G WQ		N N X X X X X			
SCH-CELL1-FB-5		2/29/24		11:30		G WQ		N N X X X X X			
SCH-CELL1-EB-6		2/29/24		15:55		G WQ		N N X X X X X			
SCH-CELL1-FB-6		2/29/24		14:50		G WQ		N N X X X X X			
SCH-GWC-20		3/1/24		10:35		G WG		N N X X X X X			
SCH-GWC-1		3/1/24		10:00		G WG		N N X X X X X			
SCH-GWC-9		3/1/24		9:37		G WG		N N X X X X X			
SCH-GWC-13		3/1/24		8:40		G WG		N N X X X X X			
SCH-GWC-14		3/1/24		9:22		G WG		N N X X X X X			
SCH-GWC-2		3/1/24		8:33		G WG		N N X X X X X			
SCH-GWC-10		3/1/24		11:25		G WG		N N X X X X X			
Possible Hazard Identification					Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)						
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological					<input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months						
Deliverable Requested: I, II, III, IV, Other (specify)					Special Instructions/QC Requirements:						
Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:					
Relinquished by: <i>MARK MANN / [Signature]</i>		Date/Time: <i>03/01/24 1443</i>		Company: <i>WSP</i>		Received by: <i>[Signature]</i>		Date/Time: <i>3/1/24 14:43</i>			
Relinquished by: <i>[Signature]</i>		Date/Time: <i>3/1/24 14:45</i>		Company: <i>Kwof</i>		Received by: <i>[Signature]</i>		Date/Time: <i>3/2-24 0941</i>			
Relinquished by: <i>[Signature]</i>		Date/Time: <i>3/1/24 14:45</i>		Company: <i>[Signature]</i>		Received by: <i>[Signature]</i>		Date/Time: <i>3/2-24 0941</i>			
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: <i>2.8/2.8 0.3/0.3 2.8/2.8 0.5/0.5</i>							

Eurofins Savannah

5102 LaRoche Avenue
Savannah, GA 31404
Phone: 912-354-7858 Fax: 912-352-0165

Chain of Custody Record



Environment Testing

Client Information (Sub Contract Lab)		Sampler: Fuller, David		Lab PM Fuller, David		Carrier Tracking No(s):		COC No 680-765327 1			
Client Contact Shipping/Receiving		Phone:		E-Mail David.Fuller@et.eurofinsus.com		State of Origin: Georgia		Page Page 1 of 3			
Company: Eurofins Environment Testing Southeast,				Accreditations Required (See note): NELAP - Florida; State - Georgia				Job # 680-247427-1			
Address: 481 Newburyport Avenue,		Due Date Requested: 3/14/2024		Analysis Requested						Preservation Codes: A - HCL M - Hexane B - NaOH N - None C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2S2O3 G - Amchlor S - H2SO4 H - Ascorbic Acid T - TSP Dodecahydrate I - Ice U - Acetone J - DI Water V - MCAA K - EDTA W - pH 4-5 L - EDA Y - Trizma Z - other (specify) Other:	
City: Altamonte Springs		TAT Requested (days):									
State, Zip FL, 32701		PO #									
Phone 407-339-5984(Tel) 407-260-6110(Fax)		WO #									
Email:		Project # 68027798									
Project Name CCR - Plant Scherer Cell 1		Site		SSOW#		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)			
				300_ORGFM_28D/ Chloride Fluoride Sulfate				Total Number of Containers			
Sample Identification - Client ID (Lab ID)		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)		Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)		Special Instructions/Note:	
				Preservation Code:							
SCH-GWC-4 (680-247427-1)		2/29/24		09:35 Eastern		Water		X		1	
SCH-GWC-5 (680-247427-2)		2/29/24		11:15 Eastern		Water		X		1	
SCH-GWC-6 (680-247427-3)		2/29/24		13:25 Eastern		Water		X		1	
SCH-GWC-7 (680-247427-4)		2/29/24		14:30 Eastern		Water		X		1	
SCH-GWC-8A (680-247427-5)		2/29/24		15:36 Eastern		Water		X		1	
SCH-GWC-11 (680-247427-6)		2/29/24		16:38 Eastern		Water		X		1	
SCH-GWC-12 (680-247427-7)		2/29/24		14:37 Eastern		Water		X		1	
SCH-GWC-18 (680-247427-8)		2/29/24		15:42 Eastern		Water		X		1	
SCH-GWC-19 (680-247427-9)		2/29/24		14:40 Eastern		Water		X		1	
Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date, return the Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, LLC.											
Possible Hazard Identification					Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)						
Unconfirmed					<input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months						
Deliverable Requested: I, II, III, IV, Other (specify)			Primary Deliverable Rank: 2		Special Instructions/QC Requirements:						
Empty Kit Relinquished by:			Date:		Time:		Method of Shipment:				
Relinquished by:			Date/Time:		Company:		Received by: <i>BSB</i>		Date/Time: <i>3/6 915</i>		Company:
Relinquished by:			Date/Time:		Company:		Received by:		Date/Time:		Company:
Relinquished by:			Date/Time:		Company:		Received by:		Date/Time:		Company:
Custody Seals Intact: Δ Yes Δ No		Custody Seal No.:			Cooler Temperature(s) °C and Other Remarks: <i>1.1</i>						

Eurofins Savannah

5102 LaRoche Avenue
Savannah, GA 31404
Phone: 912-354-7858 Fax: 912-352-0165

Chain of Custody Record



Client Information (Sub Contract Lab)		Sampler:		Lab PM: Fuller, David		Carrier Tracking No(s)		COC No: 680-765327.2			
Client Contact: Shipping/Receiving		Phone:		E-Mail: David.Fuller@et.eurofinsus.com		State of Origin: Georgia		Page: Page 2 of 3			
Company: Eurofins Environment Testing Southeast,				Accreditations Required (See note): NELAP - Florida; State - Georgia				Job #: 680-247427-1			
Address: 481 Newburyport Avenue,		Due Date Requested: 3/14/2024		Analysis Requested						Preservation Codes: A - HCL M - Hexane B - NaOH N - None C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2S2O3 G - Amchlor S - H2SO4 H - Ascorbic Acid T - TSP Dodecahydrate I - Ice U - Acetone J - DI Water V - MCAA K - EDTA W - pH 4-5 L - EDA Y - Trizma Z - other (specify)	
City: Altamonte Springs		TAT Requested (days):									
State, Zip FL, 32701		PO #:		Field Filtered Sample (Yes or No)		Perform MMS/MSD (Yes or No)		Total Number of Containers			
Phone 407-339-5984(Tel) 407-260-6110(Fax)		WO #:		300_ORGFW_28D/ Chloride Fluoride Sulfate							
Email:											
Project Name: CCR - Plant Scherer Cell 1		Project #: 68027798									
Site:		SSOW#:									
Sample Identification - Client ID (Lab ID)		Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MMS/MSD (Yes or No)	300_ORGFW_28D/ Chloride Fluoride Sulfate	Total Number of Containers	Special Instructions/Note:	
						X	X		1		
SCH-CELL1-FD-5 (680-247427-10)		2/29/24	Eastern	Water	Water	X	X		1		
SCH-CELL1-FD-6 (680-247427-11)		2/29/24	Eastern	Water	Water	X	X		1		
SCH-CELL1-EB-5 (680-247427-12)		2/29/24	12:30 Eastern	Water	Water	X	X		1		
SCH-CELL1-FB-5 (680-247427-13)		2/29/24	11:30 Eastern	Water	Water	X	X		1		
SCH-CELL1-EB-6 (680-247427-14)		2/29/24	15:55 Eastern	Water	Water	X	X		1		
SCH-CELL1-FB-6 (680-247427-15)		2/29/24	14:50 Eastern	Water	Water	X	X		1		
SCH-GWC-20 (680-247427-16)		3/1/24	10:35 Eastern	Water	Water	X	X		1		
SCH-GWC-1 (680-247427-17)		3/1/24	10:00 Eastern	Water	Water	X	X		1		
SCH-GWC-9 (680-247427-18)		3/1/24	09:37 Eastern	Water	Water	X	X		1		
Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, LLC.											
Possible Hazard Identification					Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)						
Unconfirmed					<input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months						
Deliverable Requested: I, II, III, IV, Other (specify)					Primary Deliverable Rank: 2						
Special Instructions/QC Requirements:											
Empty Kit Relinquished by:			Date:		Time:		Method of Shipment:				
Relinquished by:			Date/Time:		Company:		Received by: <i>BBB</i>		Date/Time: <i>3/16 9:15</i>	Company:	
Relinquished by:			Date/Time:		Company:		Received by:		Date/Time:	Company:	
Relinquished by:			Date/Time:		Company:		Received by:		Date/Time:	Company:	
Custody Seals Intact: Δ Yes Δ No		Custody Seal No.:			Cooler Temperature(s) °C and Other Remarks:						

Eurofins Savannah

5102 LaRoche Avenue
 Savannah, GA 31404
 Phone: 912-354-7858 Fax: 912-352-0165

Chain of Custody Record

Client Information (Sub Contract Lab)			Sampler:	Lab PM: Fuller, David	Carrier Tracking No(s):	COC No: 680-765327.3										
Client Contact: Shipping/Receiving			Phone:	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: Georgia	Page: Page 3 of 3										
Company: Eurofins Environment Testing Southeast,				Accreditations Required (See note): NELAP - Florida; State - Georgia			Job #: 680-247427-1									
Address: 481 Newburyport Avenue,			Due Date Requested: 3/14/2024	Analysis Requested			Preservation Codes: A - HCL M - Hexane B - NaOH N - None C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2S2O3 G - Amchlor S - H2SO4 H - Ascorbic Acid T - TSP Dodecahydrate I - Ice U - Acetone J - DI Water V - MCAA K - EDTA W - pH 4-5 L - EDA Y - Trizma Z - other (specify) Other:									
City: Altamonte Springs			TAT Requested (days):													
State, Zip: FL, 32701			PO #:													
Phone: 407-339-5984(Tel) 407-260-6110(Fax)			WO #:													
Email:																
Project Name: CCR - Plant Scherer Cell 1			Project #: 68027798	Field Filtered Sample (Yes or No) Perform IIMS/MSD (Yes or No) 300_ORGFM_28D/ Chloride Fluoride Sulfate			Total Number of containers									
Site:			SSOW#:													
Sample Identification - Client ID (Lab ID)			Sample Date							Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Special Instructions/Note:			
													Preservation Code:			
SCH-GWC-13 (680-247427-19)			3/1/24							08:40 Eastern		Water	X	1		
SCH-GWC-14 (680-247427-20)			3/1/24							09:22 Eastern		Water	X	1		
SCH-GWC-2 (680-247427-21)			3/1/24							08:33 Eastern		Water	X	1		
SCH-GWC-10 (680-247427-22)			3/1/24							11:25 Eastern		Water	X	1		

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, LLC.

Possible Hazard Identification				Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)			
Unconfirmed				<input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months			
Deliverable Requested: I, II, III, IV, Other (specify)			Primary Deliverable Rank: 2			Special Instructions/QC Requirements:	
Empty Kit Relinquished by:		Date:	Time:	Method of Shipment:			
Relinquished by:		Date/Time:	Company:	Received by: <i>BJS</i>		Date/Time: <i>3/6 9:15</i>	Company:
Relinquished by:		Date/Time:	Company:	Received by:		Date/Time:	Company:
Relinquished by:		Date/Time:	Company:	Received by:		Date/Time:	Company:
Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:			Cooler Temperature(s) °C and Other Remarks:			

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-247427-1

Login Number: 247427

List Source: Eurofins Savannah

List Number: 1

Creator: Stewart, Rendaisha

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

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-247427-1

Login Number: 247427

List Number: 2

Creator: Beck, Brent

List Source: Eurofins Orlando

List Creation: 03/06/24 09:54 AM

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



ANALYTICAL REPORT

PREPARED FOR

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

Generated 3/19/2024 11:22:24 AM

JOB DESCRIPTION

CCR - Plant Scherer Cell 1

JOB NUMBER

680-247612-1

Eurofins Savannah

Job Notes

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

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

Authorization



Generated
3/19/2024 11:22:24 AM

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

Definitions/Glossary

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

Job ID: 680-247612-1

Qualifiers

Metals

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

Glossary

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

Sample Summary

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

Job ID: 680-247612-1

<u>Lab Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Collected</u>	<u>Received</u>
680-247612-1	SCH-GWC-3	Water	03/04/24 11:16	03/06/24 10:17
680-247612-2	SCH-GWA-15	Water	03/04/24 12:53	03/06/24 10:17

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Case Narrative

Client: Southern Company
Project: CCR - Plant Scherer Cell 1

Job ID: 680-247612-1

Job ID: 680-247612-1

Eurofins Savannah

Job Narrative 680-247612-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

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

Receipt

The samples were received on 3/6/2024 10:17 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.9°C.

HPLC/IC

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

Metals

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

General Chemistry

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

Eurofins Savannah

Client Sample Results

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

Job ID: 680-247612-1

Client Sample ID: SCH-GWC-3

Lab Sample ID: 680-247612-1

Date Collected: 03/04/24 11:16

Matrix: Water

Date Received: 03/06/24 10:17

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.0		1.0	0.20	mg/L			03/18/24 16:20	1
Fluoride	<0.040		0.10	0.040	mg/L			03/18/24 16:20	1
Sulfate	10		1.0	0.40	mg/L			03/18/24 16:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.0013	J	0.0020	0.00034	mg/L		03/07/24 07:33	03/07/24 18:46	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		03/07/24 07:33	03/07/24 18:46	1
Barium	0.019		0.010	0.00089	mg/L		03/07/24 07:33	03/07/24 18:46	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		03/07/24 07:33	03/07/24 18:46	1
Boron	<0.022		0.080	0.022	mg/L		03/07/24 07:33	03/07/24 18:46	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		03/07/24 07:33	03/07/24 18:46	1
Calcium	8.9		0.50	0.14	mg/L		03/07/24 07:33	03/07/24 18:46	1
Chromium	0.014		0.0020	0.0012	mg/L		03/07/24 07:33	03/07/24 18:46	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		03/07/24 07:33	03/07/24 18:46	1
Copper	<0.0011		0.0020	0.0011	mg/L		03/07/24 07:33	03/07/24 18:46	1
Lead	<0.00021		0.0010	0.00021	mg/L		03/07/24 07:33	03/07/24 18:46	1
Magnesium	4.8		0.50	0.023	mg/L		03/07/24 07:33	03/07/24 18:46	1
Nickel	0.0014		0.0010	0.00042	mg/L		03/07/24 07:33	03/07/24 18:46	1
Potassium	2.6		0.50	0.044	mg/L		03/07/24 07:33	03/07/24 18:46	1
Selenium	<0.00099		0.0050	0.00099	mg/L		03/07/24 07:33	03/07/24 18:46	1
Silver	<0.00039		0.0010	0.00039	mg/L		03/07/24 07:33	03/07/24 18:46	1
Sodium	6.4		0.50	0.20	mg/L		03/07/24 07:33	03/07/24 18:46	1
Thallium	<0.00026		0.0010	0.00026	mg/L		03/07/24 07:33	03/07/24 18:46	1
Vanadium	0.0051		0.0020	0.00063	mg/L		03/07/24 07:33	03/07/24 18:46	1
Zinc	<0.0028		0.0050	0.0028	mg/L		03/07/24 07:33	03/07/24 18:46	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/10/24 15:01	03/11/24 16:42	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	44		5.0	2.2	mg/L			03/08/24 17:45	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	44		5.0	5.0	mg/L			03/08/24 17:45	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			03/08/24 17:45	1
Total Dissolved Solids (SM 2540C-2011)	99		10	10	mg/L			03/08/24 11:37	1

Client Sample ID: SCH-GWA-15

Lab Sample ID: 680-247612-2

Date Collected: 03/04/24 12:53

Matrix: Water

Date Received: 03/06/24 10:17

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.6		1.0	0.20	mg/L			03/18/24 16:40	1
Fluoride	<0.040		0.10	0.040	mg/L			03/18/24 16:40	1
Sulfate	2.8		1.0	0.40	mg/L			03/18/24 16:40	1

Eurofins Savannah

Client Sample Results

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

Job ID: 680-247612-1

Client Sample ID: SCH-GWA-15

Lab Sample ID: 680-247612-2

Date Collected: 03/04/24 12:53

Matrix: Water

Date Received: 03/06/24 10:17

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		03/07/24 07:33	03/07/24 18:43	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		03/07/24 07:33	03/07/24 18:43	1
Barium	0.010		0.010	0.00089	mg/L		03/07/24 07:33	03/07/24 18:43	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		03/07/24 07:33	03/07/24 18:43	1
Boron	<0.022		0.080	0.022	mg/L		03/07/24 07:33	03/07/24 18:43	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		03/07/24 07:33	03/07/24 18:43	1
Calcium	3.8		0.50	0.14	mg/L		03/07/24 07:33	03/07/24 18:43	1
Chromium	<0.0012		0.0020	0.0012	mg/L		03/07/24 07:33	03/07/24 18:43	1
Cobalt	0.0026		0.0025	0.00022	mg/L		03/07/24 07:33	03/07/24 18:43	1
Copper	<0.0011		0.0020	0.0011	mg/L		03/07/24 07:33	03/07/24 18:43	1
Lead	<0.00021		0.0010	0.00021	mg/L		03/07/24 07:33	03/07/24 18:43	1
Magnesium	2.0		0.50	0.023	mg/L		03/07/24 07:33	03/07/24 18:43	1
Nickel	<0.00042		0.0010	0.00042	mg/L		03/07/24 07:33	03/07/24 18:43	1
Potassium	0.14	J	0.50	0.044	mg/L		03/07/24 07:33	03/07/24 18:43	1
Selenium	<0.00099		0.0050	0.00099	mg/L		03/07/24 07:33	03/07/24 18:43	1
Silver	<0.00039		0.0010	0.00039	mg/L		03/07/24 07:33	03/07/24 18:43	1
Sodium	5.1		0.50	0.20	mg/L		03/07/24 07:33	03/07/24 18:43	1
Thallium	<0.00026		0.0010	0.00026	mg/L		03/07/24 07:33	03/07/24 18:43	1
Vanadium	0.00066	J	0.0020	0.00063	mg/L		03/07/24 07:33	03/07/24 18:43	1
Zinc	<0.0028		0.0050	0.0028	mg/L		03/07/24 07:33	03/07/24 18:43	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/10/24 15:01	03/11/24 16:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	39		5.0	2.2	mg/L			03/08/24 17:53	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	39		5.0	5.0	mg/L			03/08/24 17:53	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			03/08/24 17:53	1
Total Dissolved Solids (SM 2540C-2011)	41		10	10	mg/L			03/08/24 11:37	1

QC Sample Results

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

Job ID: 680-247612-1

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

Lab Sample ID: MB 680-828129/43
Matrix: Water
Analysis Batch: 828129

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

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Chloride	<0.20		1.0	0.20	mg/L			03/18/24 16:01	1
Fluoride	<0.040		0.10	0.040	mg/L			03/18/24 16:01	1
Sulfate	<0.40		1.0	0.40	mg/L			03/18/24 16:01	1

Lab Sample ID: LCS 680-828129/44
Matrix: Water
Analysis Batch: 828129

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	2.00	2.14		mg/L		107	90 - 110
Sulfate	10.0	9.51		mg/L		95	90 - 110

Lab Sample ID: LCSD 680-828129/45
Matrix: Water
Analysis Batch: 828129

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluoride	2.00	2.13		mg/L		106	90 - 110	0	15
Sulfate	10.0	9.48		mg/L		95	90 - 110	0	15

Lab Sample ID: 680-247612-1 MS
Matrix: Water
Analysis Batch: 828129

Client Sample ID: SCH-GWC-3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	<0.040		2.00	2.04		mg/L		102	80 - 120
Sulfate	10		10.0	20.2		mg/L		102	80 - 120

Lab Sample ID: 680-247612-1 MSD
Matrix: Water
Analysis Batch: 828129

Client Sample ID: SCH-GWC-3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluoride	<0.040		2.00	2.02		mg/L		101	80 - 120	1	15
Sulfate	10		10.0	20.1		mg/L		100	80 - 120	1	15

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 680-826197/1-A
Matrix: Water
Analysis Batch: 826421

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 826197

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Antimony	<0.00034		0.0020	0.00034	mg/L		03/07/24 07:33	03/07/24 18:26	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		03/07/24 07:33	03/07/24 18:26	1
Barium	<0.00089		0.010	0.00089	mg/L		03/07/24 07:33	03/07/24 18:26	1

Eurofins Savannah

QC Sample Results

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

Job ID: 680-247612-1

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

Lab Sample ID: MB 680-826197/1-A
Matrix: Water
Analysis Batch: 826421

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 826197

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Beryllium	<0.00020		0.0025	0.00020	mg/L		03/07/24 07:33	03/07/24 18:26	1
Boron	<0.022		0.080	0.022	mg/L		03/07/24 07:33	03/07/24 18:26	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		03/07/24 07:33	03/07/24 18:26	1
Calcium	<0.14		0.50	0.14	mg/L		03/07/24 07:33	03/07/24 18:26	1
Chromium	<0.0012		0.0020	0.0012	mg/L		03/07/24 07:33	03/07/24 18:26	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		03/07/24 07:33	03/07/24 18:26	1
Copper	<0.0011		0.0020	0.0011	mg/L		03/07/24 07:33	03/07/24 18:26	1
Lead	<0.00021		0.0010	0.00021	mg/L		03/07/24 07:33	03/07/24 18:26	1
Magnesium	<0.023		0.50	0.023	mg/L		03/07/24 07:33	03/07/24 18:26	1
Nickel	<0.00042		0.0010	0.00042	mg/L		03/07/24 07:33	03/07/24 18:26	1
Potassium	<0.044		0.50	0.044	mg/L		03/07/24 07:33	03/07/24 18:26	1
Selenium	<0.00099		0.0050	0.00099	mg/L		03/07/24 07:33	03/07/24 18:26	1
Silver	<0.00039		0.0010	0.00039	mg/L		03/07/24 07:33	03/07/24 18:26	1
Sodium	<0.20		0.50	0.20	mg/L		03/07/24 07:33	03/07/24 18:26	1
Thallium	<0.00026		0.0010	0.00026	mg/L		03/07/24 07:33	03/07/24 18:26	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		03/07/24 07:33	03/07/24 18:26	1
Zinc	<0.0028		0.0050	0.0028	mg/L		03/07/24 07:33	03/07/24 18:26	1

Lab Sample ID: LCS 680-826197/2-A
Matrix: Water
Analysis Batch: 826421

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 826197

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Antimony	0.0500	0.0496		mg/L		99	80 - 120
Arsenic	0.100	0.0972		mg/L		97	80 - 120
Barium	0.100	0.104		mg/L		104	80 - 120
Beryllium	0.0500	0.0516		mg/L		103	80 - 120
Boron	0.400	0.364		mg/L		91	80 - 120
Cadmium	0.0500	0.0521		mg/L		104	80 - 120
Calcium	5.00	5.31		mg/L		106	80 - 120
Chromium	0.100	0.109		mg/L		109	80 - 120
Cobalt	0.0500	0.0550		mg/L		110	80 - 120
Copper	0.101	0.113		mg/L		112	80 - 120
Lead	0.500	0.495		mg/L		99	80 - 120
Magnesium	5.00	5.18		mg/L		104	80 - 120
Nickel	0.100	0.104		mg/L		104	80 - 120
Potassium	7.00	7.25		mg/L		104	80 - 120
Selenium	0.100	0.0963		mg/L		96	80 - 120
Silver	0.0500	0.0531		mg/L		106	80 - 120
Sodium	5.03	5.06		mg/L		101	80 - 120
Thallium	0.0500	0.0539		mg/L		108	80 - 120
Vanadium	0.100	0.105		mg/L		105	80 - 120
Zinc	0.0505	0.0512		mg/L		101	80 - 120

QC Sample Results

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

Job ID: 680-247612-1

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

Lab Sample ID: 680-247545-I-1-E MS
Matrix: Water
Analysis Batch: 826421

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 826197

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec	Limits
	Result	Qualifier	Added	Result	Qualifier			%Rec		
Antimony	<0.00034		0.0500	0.0499		mg/L		100	75 - 125	
Arsenic	0.0017		0.100	0.0991		mg/L		97	75 - 125	
Barium	0.21		0.100	0.309		mg/L		99	75 - 125	
Beryllium	0.00038	J	0.0500	0.0525		mg/L		104	75 - 125	
Boron	<0.022		0.400	0.385		mg/L		96	75 - 125	
Cadmium	<0.000078		0.0500	0.0530		mg/L		106	75 - 125	
Calcium	39		5.00	44.4	4	mg/L		110	75 - 125	
Chromium	<0.0012		0.100	0.107		mg/L		106	75 - 125	
Cobalt	0.12		0.0500	0.170		mg/L		98	75 - 125	
Copper	0.0024		0.101	0.114		mg/L		111	75 - 125	
Lead	<0.00021		0.500	0.507		mg/L		101	75 - 125	
Magnesium	25		5.00	31.2	4	mg/L		120	75 - 125	
Nickel	0.011		0.100	0.114		mg/L		103	75 - 125	
Potassium	4.5		7.00	11.9		mg/L		106	75 - 125	
Selenium	<0.00099		0.100	0.0969		mg/L		97	75 - 125	
Silver	<0.00039		0.0500	0.0532		mg/L		106	75 - 125	
Sodium	6.4		5.03	12.1		mg/L		114	75 - 125	
Thallium	<0.00026		0.0500	0.0554		mg/L		111	75 - 125	
Vanadium	0.00098	J	0.100	0.104		mg/L		103	75 - 125	
Zinc	0.0040	J	0.0505	0.0627		mg/L		116	75 - 125	

Lab Sample ID: 680-247545-I-1-F MSD
Matrix: Water
Analysis Batch: 826421

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 826197

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	Limits	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier			%Rec	Limit			
Antimony	<0.00034		0.0500	0.0489		mg/L		98	75 - 125		2	20
Arsenic	0.0017		0.100	0.0968		mg/L		95	75 - 125		2	20
Barium	0.21		0.100	0.301		mg/L		91	75 - 125		3	20
Beryllium	0.00038	J	0.0500	0.0523		mg/L		104	75 - 125		0	20
Boron	<0.022		0.400	0.383		mg/L		96	75 - 125		0	20
Cadmium	<0.000078		0.0500	0.0512		mg/L		102	75 - 125		3	20
Calcium	39		5.00	43.9	4	mg/L		100	75 - 125		1	20
Chromium	<0.0012		0.100	0.104		mg/L		103	75 - 125		3	20
Cobalt	0.12		0.0500	0.167		mg/L		92	75 - 125		2	20
Copper	0.0024		0.101	0.110		mg/L		106	75 - 125		4	20
Lead	<0.00021		0.500	0.488		mg/L		98	75 - 125		4	20
Magnesium	25		5.00	31.3	4	mg/L		120	75 - 125		0	20
Nickel	0.011		0.100	0.112		mg/L		102	75 - 125		2	20
Potassium	4.5		7.00	11.7		mg/L		103	75 - 125		2	20
Selenium	<0.00099		0.100	0.0950		mg/L		95	75 - 125		2	20
Silver	<0.00039		0.0500	0.0523		mg/L		105	75 - 125		2	20
Sodium	6.4		5.03	11.9		mg/L		110	75 - 125		2	20
Thallium	<0.00026		0.0500	0.0537		mg/L		107	75 - 125		3	20
Vanadium	0.00098	J	0.100	0.103		mg/L		102	75 - 125		1	20
Zinc	0.0040	J	0.0505	0.0559		mg/L		103	75 - 125		12	20

QC Sample Results

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

Job ID: 680-247612-1

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 680-826752/1-A
 Matrix: Water
 Analysis Batch: 827074

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 826752

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/10/24 15:01	03/11/24 16:15	1

Lab Sample ID: LCS 680-826752/2-A
 Matrix: Water
 Analysis Batch: 827074

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 826752

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00250	0.00228		mg/L		91	80 - 120

Lab Sample ID: 680-247656-A-3-G MS
 Matrix: Water
 Analysis Batch: 827074

Client Sample ID: Matrix Spike
 Prep Type: Total/NA
 Prep Batch: 826752

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.000080		0.00100	0.000928		mg/L		93	80 - 120

Lab Sample ID: 680-247656-A-3-H MSD
 Matrix: Water
 Analysis Batch: 827074

Client Sample ID: Matrix Spike Duplicate
 Prep Type: Total/NA
 Prep Batch: 826752

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.000080		0.00100	0.000926		mg/L		93	80 - 120	0	20

Method: 2320B-2011 - Alkalinity, Total

Lab Sample ID: MB 680-827059/4
 Matrix: Water
 Analysis Batch: 827059

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<2.2		5.0	2.2	mg/L			03/08/24 16:43	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			03/08/24 16:43	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			03/08/24 16:43	1

Lab Sample ID: LCS 680-827059/6
 Matrix: Water
 Analysis Batch: 827059

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

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

Lab Sample ID: LCSD 680-827059/31
 Matrix: Water
 Analysis Batch: 827059

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	250	251		mg/L		101	90 - 112	1	30

QC Sample Results

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

Job ID: 680-247612-1

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

Lab Sample ID: 680-247613-C-5 DU
 Matrix: Water
 Analysis Batch: 827059

Client Sample ID: Duplicate
 Prep Type: Total/NA

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Total Alkalinity as CaCO3 to pH 4.5	2.8	J	<2.2		mg/L		NC	30
Bicarbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	30
Carbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	30

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

Lab Sample ID: MB 680-826534/1
 Matrix: Water
 Analysis Batch: 826534

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Total Dissolved Solids	<10		10	10	mg/L			03/08/24 11:37	1

Lab Sample ID: LCS 680-826534/2
 Matrix: Water
 Analysis Batch: 826534

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

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Total Dissolved Solids	2410	2440		mg/L		101	80 - 120

Lab Sample ID: LCSD 680-826534/3
 Matrix: Water
 Analysis Batch: 826534

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

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec Limits	RPD	Limit
		Result	Qualifier						
Total Dissolved Solids	2410	2440		mg/L		101	80 - 120	0	25

Lab Sample ID: 680-247500-A-5 DU
 Matrix: Water
 Analysis Batch: 826534

Client Sample ID: Duplicate
 Prep Type: Total/NA

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Total Dissolved Solids	240		248		mg/L		5	5

QC Association Summary

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

Job ID: 680-247612-1

HPLC/IC

Analysis Batch: 828129

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247612-1	SCH-GWC-3	Total/NA	Water	300.0-1993 R2.1	
680-247612-2	SCH-GWA-15	Total/NA	Water	300.0-1993 R2.1	
MB 680-828129/43	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-828129/44	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-828129/45	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
680-247612-1 MS	SCH-GWC-3	Total/NA	Water	300.0-1993 R2.1	
680-247612-1 MSD	SCH-GWC-3	Total/NA	Water	300.0-1993 R2.1	

Metals

Prep Batch: 826197

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247612-1	SCH-GWC-3	Total Recoverable	Water	3005A	
680-247612-2	SCH-GWA-15	Total Recoverable	Water	3005A	
MB 680-826197/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-826197/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
680-247545-I-1-E MS	Matrix Spike	Total Recoverable	Water	3005A	
680-247545-I-1-F MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Analysis Batch: 826421

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247612-1	SCH-GWC-3	Total Recoverable	Water	6020B	826197
680-247612-2	SCH-GWA-15	Total Recoverable	Water	6020B	826197
MB 680-826197/1-A	Method Blank	Total Recoverable	Water	6020B	826197
LCS 680-826197/2-A	Lab Control Sample	Total Recoverable	Water	6020B	826197
680-247545-I-1-E MS	Matrix Spike	Total Recoverable	Water	6020B	826197
680-247545-I-1-F MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	826197

Prep Batch: 826752

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247612-1	SCH-GWC-3	Total/NA	Water	7470A	
680-247612-2	SCH-GWA-15	Total/NA	Water	7470A	
MB 680-826752/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-826752/2-A	Lab Control Sample	Total/NA	Water	7470A	
680-247656-A-3-G MS	Matrix Spike	Total/NA	Water	7470A	
680-247656-A-3-H MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 827074

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247612-1	SCH-GWC-3	Total/NA	Water	7470A	826752
680-247612-2	SCH-GWA-15	Total/NA	Water	7470A	826752
MB 680-826752/1-A	Method Blank	Total/NA	Water	7470A	826752
LCS 680-826752/2-A	Lab Control Sample	Total/NA	Water	7470A	826752
680-247656-A-3-G MS	Matrix Spike	Total/NA	Water	7470A	826752
680-247656-A-3-H MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	826752

General Chemistry

Analysis Batch: 826534

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247612-1	SCH-GWC-3	Total/NA	Water	2540C-2011	
680-247612-2	SCH-GWA-15	Total/NA	Water	2540C-2011	

Eurofins Savannah

QC Association Summary

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

Job ID: 680-247612-1

General Chemistry (Continued)

Analysis Batch: 826534 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 680-826534/1	Method Blank	Total/NA	Water	2540C-2011	
LCS 680-826534/2	Lab Control Sample	Total/NA	Water	2540C-2011	
LCSD 680-826534/3	Lab Control Sample Dup	Total/NA	Water	2540C-2011	
680-247500-A-5 DU	Duplicate	Total/NA	Water	2540C-2011	

Analysis Batch: 827059

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247612-1	SCH-GWC-3	Total/NA	Water	2320B-2011	
680-247612-2	SCH-GWA-15	Total/NA	Water	2320B-2011	
MB 680-827059/4	Method Blank	Total/NA	Water	2320B-2011	
LCS 680-827059/6	Lab Control Sample	Total/NA	Water	2320B-2011	
LCSD 680-827059/31	Lab Control Sample Dup	Total/NA	Water	2320B-2011	
680-247613-C-5 DU	Duplicate	Total/NA	Water	2320B-2011	

Lab Chronicle

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

Job ID: 680-247612-1

Client Sample ID: SCH-GWC-3

Lab Sample ID: 680-247612-1

Date Collected: 03/04/24 11:16

Matrix: Water

Date Received: 03/06/24 10:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	2 mL	2 mL	828129	03/18/24 16:20	UI	EET SAV
Instrument ID: CICR										
Total Recoverable	Prep	3005A			25 mL	125 mL	826197	03/07/24 07:33	RR	EET SAV
Total Recoverable	Analysis	6020B		1			826421	03/07/24 18:46	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	826752	03/10/24 15:01	DW	EET SAV
Total/NA	Analysis	7470A		1			827074	03/11/24 16:42	DW	EET SAV
Instrument ID: QuickTrace2										
Total/NA	Analysis	2320B-2011		1			827059	03/08/24 17:45	DR	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	826534	03/08/24 11:37	PG	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWA-15

Lab Sample ID: 680-247612-2

Date Collected: 03/04/24 12:53

Matrix: Water

Date Received: 03/06/24 10:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	2 mL	2 mL	828129	03/18/24 16:40	UI	EET SAV
Instrument ID: CICR										
Total Recoverable	Prep	3005A			25 mL	125 mL	826197	03/07/24 07:33	RR	EET SAV
Total Recoverable	Analysis	6020B		1			826421	03/07/24 18:43	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	826752	03/10/24 15:01	DW	EET SAV
Total/NA	Analysis	7470A		1			827074	03/11/24 16:44	DW	EET SAV
Instrument ID: QuickTrace2										
Total/NA	Analysis	2320B-2011		1			827059	03/08/24 17:53	DR	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	826534	03/08/24 11:37	PG	EET SAV
Instrument ID: NOEQUIP										

Laboratory References:

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

Accreditation/Certification Summary

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

Job ID: 680-247612-1

Laboratory: Eurofins Savannah

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

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87052	06-30-24
Georgia	State	E87052	06-30-24

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Method Summary

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

Job ID: 680-247612-1

Method	Method Description	Protocol	Laboratory
300.0-1993 R2.1	Anions, Ion Chromatography	MCAWW	EET SAV
6020B	Metals (ICP/MS)	SW846	EET SAV
7470A	Mercury (CVAA)	SW846	EET SAV
2320B-2011	Alkalinity, Total	SM	EET SAV
2540C-2011	Total Dissolved Solids (Dried at 180 °C)	SM	EET SAV
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET SAV
7470A	Preparation, Mercury	SW846	EET SAV

Protocol References:

- MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.
- SM = "Standard Methods For The Examination Of Water And Wastewater"
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

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




Eurofins Savannah

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

Chain of Custody Record

eurofins
Environment Testing
244-ATLANTA

Client Information		Sampler(s): Mark Mann		Lab PM / Phone: David Fuller / 770-344-8986		Carrier Tracking No(s):		COC No:																																																																																																																																																																								
Client Contact: Joju Abraham		Site-Project Manager / Phone: Dawn Prell / 248-536-5445		E-Mail: David.Fuller@et.eurofinsus.com		State of Origin: GA		Page: Page 1 of 1																																																																																																																																																																								
Company: Southern Company				Analysis Requested						Job #:																																																																																																																																																																						
Address: 241 Ralph McGill Blvd SE B10185		Due Date Requested: TAT Requested (days): 2 weeks		Field Filtered Sample (Yes or No) Perform MS/MSD (Yes or No)		300_ORGFM_28D - Chloride, Fluoride, Sulfate 2540C - Solids, Total Dissolved (TDS) 6020B - App III, State (16) Metals + Cations (Mg, K, Na) 7470A - Mercury 2320B - Alkalinity, Total, Carb/Bicarb		Total Number of containers		Preservation Codes:																																																																																																																																																																						
City: Atlanta		Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No								A - HCL		M - Hexane		B - NaOH		N - None																																																																																																																																																																
State, Zip: GA, 30308		Lab Project #: (DO NOT REMOVE) 68027798								F - MeOH		O - AsNaO2		C - Zn Acetate		P - Na2O4S																																																																																																																																																																
Phone:		Lab PO #: GPC82130-0006 / PO Line #3								G - Amchlor		Q - Na2SO3		D - Nitric Acid		R - Na2S2O3																																																																																																																																																																
Email: JAbraham@southernco.com		Project #:								H - Ascorbic Acid		S - H2SO4		E - NaHSO4		T - TSP Dodecahydrate																																																																																																																																																																
Project Name: CCR - Plant Scherer Cell 1										I - Ice		U - Acetone		F - MeOH		V - MCAA																																																																																																																																																																
Site:				J - DI Water		W - pH 4-5		G - Amchlor		Y - Trizma																																																																																																																																																																						
				K - EDTA		Z - other (specify)		L - EDA		Other:																																																																																																																																																																						
				<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 15%;">Sample Identification</th> <th style="width: 10%;">Sample Date</th> <th style="width: 10%;">Sample Time</th> <th style="width: 10%;">Sample Type (C=Comp, G=grab)</th> <th style="width: 10%;">Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)</th> <th style="width: 5%;">Field Filtered Sample (Yes or No)</th> <th style="width: 5%;">Perform MS/MSD (Yes or No)</th> <th style="width: 5%;">300_ORGFM_28D - Chloride, Fluoride, Sulfate</th> <th style="width: 5%;">2540C - Solids, Total Dissolved (TDS)</th> <th style="width: 5%;">6020B - App III, State (16) Metals + Cations (Mg, K, Na)</th> <th style="width: 5%;">7470A - Mercury</th> <th style="width: 5%;">2320B - Alkalinity, Total, Carb/Bicarb</th> <th style="width: 5%;">Total Number of containers</th> </tr> <tr> <td></td> <td></td> <td></td> <td style="text-align: center;">Preservation Code:</td> <td></td> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td>N</td> <td>N</td> <td>D</td> <td>D</td> <td>N</td> <td></td> </tr> <tr> <td>SCH-GWC-3</td> <td>3/4/24</td> <td>11:16</td> <td style="text-align: center;">G</td> <td style="text-align: center;">WG</td> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td style="text-align: center;">4</td> </tr> <tr> <td>SCH-GWA-15</td> <td>3/4/24</td> <td>12:53</td> <td style="text-align: center;">G</td> <td style="text-align: center;">WG</td> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td style="text-align: center;">4</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>		Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C - Solids, Total Dissolved (TDS)	6020B - App III, State (16) Metals + Cations (Mg, K, Na)	7470A - Mercury	2320B - Alkalinity, Total, Carb/Bicarb	Total Number of containers				Preservation Code:		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N	N	D	D	N		SCH-GWC-3	3/4/24	11:16	G	WG	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	X	X	X	X	X	4	SCH-GWA-15	3/4/24	12:53	G	WG	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	X	X	X	X	X	4																																																																																																																						Task Code: SCH-CCR-ASSMT-2024S1 Special Instructions/Notes:	
Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)			Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C - Solids, Total Dissolved (TDS)	6020B - App III, State (16) Metals + Cations (Mg, K, Na)	7470A - Mercury	2320B - Alkalinity, Total, Carb/Bicarb	Total Number of containers																																																																																																																																																																		
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SCH-GWC-3	3/4/24	11:16	G	WG	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	X	X	X	X	X	4																																																																																																																																																																				
SCH-GWA-15	3/4/24	12:53	G	WG	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	X	X	X	X	X	4																																																																																																																																																																				



680-247612 Chain of Custody

Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months	
Deliverable Requested: I, II, III, IV, Other (specify)		Special Instructions/QC Requirements:	
Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by: <i>[Signature]</i>	Date/Time: 3-5-24 / 9:42	Company: WSP	Received by: <i>[Signature]</i> Date/Time: 3/5/24 09:42
Relinquished by: <i>[Signature]</i>	Date/Time: 3/5/24 / 16:00	Company: <i>[Signature]</i>	Received by: <i>[Signature]</i> Date/Time: <i>[Signature]</i>
Relinquished by: <i>[Signature]</i>	Date/Time: <i>[Signature]</i>	Company: <i>[Signature]</i>	Received by: <i>[Signature]</i> Date/Time: 3/10/24 10:17
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 3.9/3.9	

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-247612-1

Login Number: 247612

List Number: 1

Creator: Munro, Caroline

List Source: Eurofins Savannah

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



ANALYTICAL REPORT

PREPARED FOR

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

Generated 3/15/2024 5:30:31 PM

JOB DESCRIPTION

CCR - Plant Scherer PAC Ash Cell

JOB NUMBER

680-247414-1

Eurofins Savannah

Job Notes

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

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

Authorization



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

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3/15/2024 5:30:31 PM

Definitions/Glossary

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-247414-1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.

Metals

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

General Chemistry

Qualifier	Qualifier Description
F3	Duplicate RPD exceeds the control limit

Glossary

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

Sample Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-247414-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-247414-1	SCH-GWA-21	Water	02/29/24 16:12	03/02/24 09:41
680-247414-2	SCH-PAC-EB-7	Water	02/29/24 16:30	03/02/24 09:41

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Case Narrative

Client: Southern Company
Project: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-247414-1

Job ID: 680-247414-1

Eurofins Savannah

Job Narrative 680-247414-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

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

Receipt

The samples were received on 3/2/2024 9:41 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.8°C.

HPLC/IC

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

Metals

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

General Chemistry

Method 2540C: The sample duplicate precision for the following sample associated with analytical batch 680-826067 was outside control limits: (680-247418-A-3 DU). The associated Laboratory Control Sample / Laboratory Control Sample Duplicate (LCS/LCSD) precision met acceptance criteria.

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

Eurofins Savannah

Client Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-247414-1

Client Sample ID: SCH-GWA-21

Lab Sample ID: 680-247414-1

Date Collected: 02/29/24 16:12

Matrix: Water

Date Received: 03/02/24 09:41

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.7		1.0	0.20	mg/L			03/06/24 21:36	1
Fluoride	<0.20		0.40	0.20	mg/L			03/06/24 21:36	1
Sulfate	2.8		1.0	0.50	mg/L			03/06/24 21:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		03/04/24 06:05	03/04/24 16:11	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		03/04/24 06:05	03/04/24 16:11	1
Barium	0.021		0.010	0.00089	mg/L		03/04/24 06:05	03/04/24 16:11	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		03/04/24 06:05	03/04/24 16:11	1
Boron	<0.022		0.080	0.022	mg/L		03/04/24 06:05	03/04/24 16:11	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		03/04/24 06:05	03/04/24 16:11	1
Calcium	6.7		0.50	0.14	mg/L		03/04/24 06:05	03/04/24 16:11	1
Chromium	0.0021		0.0020	0.0012	mg/L		03/04/24 06:05	03/04/24 16:11	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		03/04/24 06:05	03/04/24 16:11	1
Copper	<0.0011		0.0020	0.0011	mg/L		03/04/24 06:05	03/04/24 16:11	1
Lead	0.00023	J	0.0010	0.00021	mg/L		03/04/24 06:05	03/04/24 16:11	1
Magnesium	4.4		0.50	0.023	mg/L		03/04/24 06:05	03/04/24 16:11	1
Nickel	0.00097	J	0.0010	0.00042	mg/L		03/04/24 06:05	03/04/24 16:11	1
Potassium	0.58		0.50	0.044	mg/L		03/04/24 06:05	03/04/24 16:11	1
Selenium	<0.00099		0.0050	0.00099	mg/L		03/04/24 06:05	03/04/24 16:11	1
Silver	<0.00039		0.0010	0.00039	mg/L		03/04/24 06:05	03/04/24 16:11	1
Sodium	7.9		0.50	0.20	mg/L		03/04/24 06:05	03/04/24 16:11	1
Thallium	<0.00026		0.0010	0.00026	mg/L		03/04/24 06:05	03/04/24 16:11	1
Vanadium	0.0025		0.0020	0.00063	mg/L		03/04/24 06:05	03/04/24 16:11	1
Zinc	<0.0028		0.0050	0.0028	mg/L		03/04/24 06:05	03/04/24 16:11	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/05/24 10:52	03/05/24 16:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	43		5.0	2.2	mg/L			03/04/24 23:55	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	43		5.0	5.0	mg/L			03/04/24 23:55	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			03/04/24 23:55	1
Total Dissolved Solids (SM 2540C-2011)	92		10	10	mg/L			03/05/24 15:10	1

Client Sample ID: SCH-PAC-EB-7

Lab Sample ID: 680-247414-2

Date Collected: 02/29/24 16:30

Matrix: Water

Date Received: 03/02/24 09:41

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.20		1.0	0.20	mg/L			03/06/24 21:52	1
Fluoride	<0.20		0.40	0.20	mg/L			03/06/24 21:52	1
Sulfate	<0.50		1.0	0.50	mg/L			03/06/24 21:52	1

Eurofins Savannah

Client Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-247414-1

Client Sample ID: SCH-PAC-EB-7

Lab Sample ID: 680-247414-2

Date Collected: 02/29/24 16:30

Matrix: Water

Date Received: 03/02/24 09:41

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		03/04/24 06:05	03/14/24 17:44	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		03/04/24 06:05	03/14/24 17:44	1
Barium	<0.00089		0.010	0.00089	mg/L		03/04/24 06:05	03/14/24 17:44	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		03/04/24 06:05	03/14/24 17:44	1
Boron	<0.022		0.080	0.022	mg/L		03/04/24 06:05	03/15/24 09:26	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		03/04/24 06:05	03/14/24 17:44	1
Calcium	<0.14		0.50	0.14	mg/L		03/04/24 06:05	03/14/24 17:44	1
Chromium	<0.0012		0.0020	0.0012	mg/L		03/04/24 06:05	03/14/24 17:44	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		03/04/24 06:05	03/14/24 17:44	1
Copper	<0.0011		0.0020	0.0011	mg/L		03/04/24 06:05	03/14/24 17:44	1
Lead	0.00032	J	0.0010	0.00021	mg/L		03/04/24 06:05	03/14/24 17:44	1
Magnesium	<0.023		0.50	0.023	mg/L		03/04/24 06:05	03/14/24 17:44	1
Nickel	<0.00042		0.0010	0.00042	mg/L		03/04/24 06:05	03/14/24 17:44	1
Potassium	<0.044		0.50	0.044	mg/L		03/04/24 06:05	03/14/24 17:44	1
Selenium	<0.00099		0.0050	0.00099	mg/L		03/04/24 06:05	03/14/24 17:44	1
Silver	<0.00039		0.0010	0.00039	mg/L		03/04/24 06:05	03/14/24 17:44	1
Sodium	<0.20		0.50	0.20	mg/L		03/04/24 06:05	03/14/24 17:44	1
Thallium	<0.00026		0.0010	0.00026	mg/L		03/04/24 06:05	03/14/24 17:44	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		03/04/24 06:05	03/14/24 17:44	1
Zinc	<0.0028		0.0050	0.0028	mg/L		03/04/24 06:05	03/14/24 17:44	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/05/24 11:18	03/05/24 17:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			03/05/24 00:00	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			03/05/24 00:00	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			03/05/24 00:00	1
Total Dissolved Solids (SM 2540C-2011)	<10		10	10	mg/L			03/06/24 10:46	1

QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-247414-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 670-79273/37

Matrix: Water

Analysis Batch: 79273

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Chloride	<0.20		1.0	0.20	mg/L			03/06/24 19:20	1
Fluoride	<0.20		0.40	0.20	mg/L			03/06/24 19:20	1
Sulfate	<0.50		1.0	0.50	mg/L			03/06/24 19:20	1

Lab Sample ID: MB 670-79273/6

Matrix: Water

Analysis Batch: 79273

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Chloride	<0.20		1.0	0.20	mg/L			03/06/24 10:35	1
Fluoride	<0.20		0.40	0.20	mg/L			03/06/24 10:35	1
Sulfate	<0.50		1.0	0.50	mg/L			03/06/24 10:35	1

Lab Sample ID: LCS 670-79273/35

Matrix: Water

Analysis Batch: 79273

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	4.00	3.87		mg/L		97	90 - 110
Sulfate	4.00	3.97		mg/L		99	90 - 110

Lab Sample ID: LCSD 670-79273/36

Matrix: Water

Analysis Batch: 79273

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluoride	4.00	3.86		mg/L		97	90 - 110	0	20
Sulfate	4.00	3.96		mg/L		99	90 - 110	0	20

Lab Sample ID: 670-35884-A-8 MS

Matrix: Water

Analysis Batch: 79273

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample	Sample	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
	Result	Qualifier							
Chloride	26		5.00	31.6	4	mg/L		109	80 - 120
Fluoride	<0.20		5.00	5.31		mg/L		106	80 - 120
Sulfate	23		5.00	26.8	4	mg/L		70	80 - 120

Lab Sample ID: 670-35884-A-8 MSD

Matrix: Water

Analysis Batch: 79273

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample	Sample	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
	Result	Qualifier									
Chloride	26		5.00	31.5	4	mg/L		109	80 - 120	0	20
Fluoride	<0.20		5.00	5.32		mg/L		106	80 - 120	0	20
Sulfate	23		5.00	26.8	4	mg/L		70	80 - 120	0	20

QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-247414-1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 680-825592/1-A
Matrix: Water
Analysis Batch: 825774

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 825592

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Antimony	<0.00034		0.0020	0.00034	mg/L		03/04/24 06:05	03/04/24 15:17	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		03/04/24 06:05	03/04/24 15:17	1
Barium	<0.00089		0.010	0.00089	mg/L		03/04/24 06:05	03/04/24 15:17	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		03/04/24 06:05	03/04/24 15:17	1
Boron	<0.022		0.080	0.022	mg/L		03/04/24 06:05	03/04/24 15:17	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		03/04/24 06:05	03/04/24 15:17	1
Calcium	<0.14		0.50	0.14	mg/L		03/04/24 06:05	03/04/24 15:17	1
Chromium	<0.0012		0.0020	0.0012	mg/L		03/04/24 06:05	03/04/24 15:17	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		03/04/24 06:05	03/04/24 15:17	1
Copper	<0.0011		0.0020	0.0011	mg/L		03/04/24 06:05	03/04/24 15:17	1
Lead	<0.00021		0.0010	0.00021	mg/L		03/04/24 06:05	03/04/24 15:17	1
Magnesium	<0.023		0.50	0.023	mg/L		03/04/24 06:05	03/04/24 15:17	1
Nickel	<0.00042		0.0010	0.00042	mg/L		03/04/24 06:05	03/04/24 15:17	1
Potassium	<0.044		0.50	0.044	mg/L		03/04/24 06:05	03/04/24 15:17	1
Selenium	<0.00099		0.0050	0.00099	mg/L		03/04/24 06:05	03/04/24 15:17	1
Silver	<0.00039		0.0010	0.00039	mg/L		03/04/24 06:05	03/04/24 15:17	1
Sodium	<0.20		0.50	0.20	mg/L		03/04/24 06:05	03/04/24 15:17	1
Thallium	<0.00026		0.0010	0.00026	mg/L		03/04/24 06:05	03/04/24 15:17	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		03/04/24 06:05	03/04/24 15:17	1
Zinc	<0.0028		0.0050	0.0028	mg/L		03/04/24 06:05	03/04/24 15:17	1

Lab Sample ID: LCS 680-825592/2-A
Matrix: Water
Analysis Batch: 825774

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 825592

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Antimony	0.0500	0.0512		mg/L		102	80 - 120
Arsenic	0.100	0.100		mg/L		100	80 - 120
Barium	0.100	0.101		mg/L		101	80 - 120
Beryllium	0.0500	0.0531		mg/L		106	80 - 120
Boron	0.400	0.391		mg/L		98	80 - 120
Cadmium	0.0500	0.0524		mg/L		105	80 - 120
Calcium	5.00	5.13		mg/L		103	80 - 120
Chromium	0.100	0.101		mg/L		100	80 - 120
Cobalt	0.0500	0.0529		mg/L		106	80 - 120
Copper	0.101	0.109		mg/L		108	80 - 120
Lead	0.500	0.489		mg/L		98	80 - 120
Magnesium	5.00	4.99		mg/L		100	80 - 120
Nickel	0.100	0.105		mg/L		105	80 - 120
Potassium	7.00	7.20		mg/L		103	80 - 120
Selenium	0.100	0.0942		mg/L		94	80 - 120
Silver	0.0500	0.0516		mg/L		103	80 - 120
Sodium	5.03	4.95		mg/L		98	80 - 120
Thallium	0.0500	0.0520		mg/L		104	80 - 120
Vanadium	0.100	0.106		mg/L		106	80 - 120
Zinc	0.0505	0.0506		mg/L		100	80 - 120

QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-247414-1

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

Lab Sample ID: 680-247427-B-17-B MS
Matrix: Water
Analysis Batch: 825774

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 825592

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec	
	Result	Qualifier	Added	Result	Qualifier			Limits	Limits	
Antimony	<0.00034		0.0500	0.0514		mg/L		103	75 - 125	
Arsenic	<0.00086		0.100	0.0968		mg/L		97	75 - 125	
Barium	0.048		0.100	0.154		mg/L		106	75 - 125	
Beryllium	<0.00020		0.0500	0.0524		mg/L		105	75 - 125	
Boron	<0.022		0.400	0.388		mg/L		97	75 - 125	
Cadmium	<0.000078		0.0500	0.0489		mg/L		98	75 - 125	
Calcium	18		5.00	21.8		mg/L		78	75 - 125	
Chromium	0.014		0.100	0.117		mg/L		103	75 - 125	
Cobalt	<0.00022		0.0500	0.0525		mg/L		105	75 - 125	
Copper	<0.0011		0.101	0.109		mg/L		108	75 - 125	
Lead	0.00028	J	0.500	0.484		mg/L		97	75 - 125	
Magnesium	8.9		5.00	13.5		mg/L		93	75 - 125	
Nickel	0.00096	J	0.100	0.103		mg/L		102	75 - 125	
Potassium	0.97		7.00	8.15		mg/L		102	75 - 125	
Selenium	<0.00099		0.100	0.0916		mg/L		92	75 - 125	
Silver	<0.00039		0.0500	0.0509		mg/L		102	75 - 125	
Sodium	11		5.03	15.4		mg/L		88	75 - 125	
Thallium	<0.00026		0.0500	0.0533		mg/L		107	75 - 125	
Vanadium	0.018		0.100	0.121		mg/L		103	75 - 125	
Zinc	0.0040	J	0.0505	0.0495		mg/L		90	75 - 125	

Lab Sample ID: 680-247427-B-17-C MSD
Matrix: Water
Analysis Batch: 825774

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 825592

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier			Limits	Limits	RPD	Limit
Antimony	<0.00034		0.0500	0.0509		mg/L		102	75 - 125	1	20
Arsenic	<0.00086		0.100	0.0984		mg/L		98	75 - 125	2	20
Barium	0.048		0.100	0.147		mg/L		99	75 - 125	4	20
Beryllium	<0.00020		0.0500	0.0523		mg/L		105	75 - 125	0	20
Boron	<0.022		0.400	0.397		mg/L		99	75 - 125	2	20
Cadmium	<0.000078		0.0500	0.0524		mg/L		105	75 - 125	7	20
Calcium	18		5.00	22.0		mg/L		81	75 - 125	1	20
Chromium	0.014		0.100	0.117		mg/L		103	75 - 125	0	20
Cobalt	<0.00022		0.0500	0.0522		mg/L		104	75 - 125	1	20
Copper	<0.0011		0.101	0.109		mg/L		108	75 - 125	0	20
Lead	0.00028	J	0.500	0.483		mg/L		97	75 - 125	0	20
Magnesium	8.9		5.00	13.4		mg/L		91	75 - 125	1	20
Nickel	0.00096	J	0.100	0.103		mg/L		102	75 - 125	0	20
Potassium	0.97		7.00	8.10		mg/L		102	75 - 125	1	20
Selenium	<0.00099		0.100	0.0934		mg/L		93	75 - 125	2	20
Silver	<0.00039		0.0500	0.0520		mg/L		104	75 - 125	2	20
Sodium	11		5.03	15.4		mg/L		88	75 - 125	0	20
Thallium	<0.00026		0.0500	0.0521		mg/L		104	75 - 125	2	20
Vanadium	0.018		0.100	0.123		mg/L		105	75 - 125	2	20
Zinc	0.0040	J	0.0505	0.0510		mg/L		93	75 - 125	3	20

QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-247414-1

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

Lab Sample ID: MB 680-825595/1-A
Matrix: Water
Analysis Batch: 827709

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 825595

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Antimony	<0.00034		0.0020	0.00034	mg/L		03/04/24 06:05	03/14/24 17:24	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		03/04/24 06:05	03/14/24 17:24	1
Barium	<0.00089		0.010	0.00089	mg/L		03/04/24 06:05	03/14/24 17:24	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		03/04/24 06:05	03/14/24 17:24	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		03/04/24 06:05	03/14/24 17:24	1
Calcium	<0.14		0.50	0.14	mg/L		03/04/24 06:05	03/14/24 17:24	1
Chromium	<0.0012		0.0020	0.0012	mg/L		03/04/24 06:05	03/14/24 17:24	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		03/04/24 06:05	03/14/24 17:24	1
Copper	<0.0011		0.0020	0.0011	mg/L		03/04/24 06:05	03/14/24 17:24	1
Lead	<0.00021		0.0010	0.00021	mg/L		03/04/24 06:05	03/14/24 17:24	1
Magnesium	<0.023		0.50	0.023	mg/L		03/04/24 06:05	03/14/24 17:24	1
Nickel	<0.00042		0.0010	0.00042	mg/L		03/04/24 06:05	03/14/24 17:24	1
Potassium	<0.044		0.50	0.044	mg/L		03/04/24 06:05	03/14/24 17:24	1
Selenium	<0.00099		0.0050	0.00099	mg/L		03/04/24 06:05	03/14/24 17:24	1
Silver	<0.00039		0.0010	0.00039	mg/L		03/04/24 06:05	03/14/24 17:24	1
Sodium	<0.20		0.50	0.20	mg/L		03/04/24 06:05	03/14/24 17:24	1
Thallium	<0.00026		0.0010	0.00026	mg/L		03/04/24 06:05	03/14/24 17:24	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		03/04/24 06:05	03/14/24 17:24	1
Zinc	<0.0028		0.0050	0.0028	mg/L		03/04/24 06:05	03/14/24 17:24	1

Lab Sample ID: MB 680-825595/1-A
Matrix: Water
Analysis Batch: 827792

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 825595

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Boron	<0.022		0.080	0.022	mg/L		03/04/24 06:05	03/15/24 09:06	1

Lab Sample ID: LCS 680-825595/2-A
Matrix: Water
Analysis Batch: 827709

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 825595

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.100	0.111		mg/L		111	80 - 120
Barium	0.100	0.111		mg/L		111	80 - 120
Beryllium	0.0500	0.0599		mg/L		120	80 - 120
Cadmium	0.0500	0.0544		mg/L		109	80 - 120
Calcium	5.00	5.48		mg/L		110	80 - 120
Chromium	0.100	0.113		mg/L		113	80 - 120
Cobalt	0.0500	0.0538		mg/L		108	80 - 120
Copper	0.101	0.118		mg/L		117	80 - 120
Lead	0.500	0.509		mg/L		102	80 - 120
Magnesium	5.00	5.18		mg/L		104	80 - 120
Nickel	0.100	0.108		mg/L		108	80 - 120
Potassium	7.00	7.94		mg/L		113	80 - 120
Selenium	0.100	0.104		mg/L		104	80 - 120
Silver	0.0500	0.0529		mg/L		106	80 - 120
Sodium	5.03	5.53		mg/L		110	80 - 120
Thallium	0.0500	0.0559		mg/L		112	80 - 120

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QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-247414-1

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

Lab Sample ID: LCS 680-825595/2-A
Matrix: Water
Analysis Batch: 827709

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 825595

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec	
							Limits	
Vanadium	0.100	0.109		mg/L		109	80 - 120	
Zinc	0.0505	0.0568		mg/L		112	80 - 120	

Lab Sample ID: LCS 680-825595/2-A
Matrix: Water
Analysis Batch: 827792

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 825595

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec	
							Limits	
Boron	0.400	0.367		mg/L		92	80 - 120	

Lab Sample ID: 680-247418-D-1-E MS
Matrix: Water
Analysis Batch: 827709

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 825595

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec	
									Limits	
Antimony	<0.00034		0.0500	0.0605		mg/L		121	75 - 125	
Arsenic	<0.00086		0.100	0.115		mg/L		115	75 - 125	
Barium	0.052		0.100	0.167		mg/L		115	75 - 125	
Beryllium	<0.00020		0.0500	0.0612		mg/L		122	75 - 125	
Cadmium	<0.000078		0.0500	0.0587		mg/L		117	75 - 125	
Calcium	16	F1	5.00	23.0	F1	mg/L		147	75 - 125	
Chromium	0.0013	J	0.100	0.115		mg/L		114	75 - 125	
Cobalt	<0.00022		0.0500	0.0603		mg/L		121	75 - 125	
Copper	0.0034		0.101	0.125		mg/L		120	75 - 125	
Lead	0.00052	J	0.500	0.533		mg/L		106	75 - 125	
Magnesium	5.8	F1	5.00	12.6	F1	mg/L		136	75 - 125	
Nickel	0.0012		0.100	0.114		mg/L		113	75 - 125	
Potassium	2.3	F1	7.00	11.2	F1	mg/L		127	75 - 125	
Selenium	<0.00099		0.100	0.111		mg/L		111	75 - 125	
Silver	<0.00039		0.0500	0.0561		mg/L		112	75 - 125	
Sodium	14	F1	5.03	20.7	F1	mg/L		130	75 - 125	
Thallium	<0.00026		0.0500	0.0591		mg/L		118	75 - 125	
Vanadium	0.0026		0.100	0.122		mg/L		119	75 - 125	
Zinc	0.0060		0.0505	0.0623		mg/L		112	75 - 125	

Lab Sample ID: 680-247418-D-1-E MS
Matrix: Water
Analysis Batch: 827792

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 825595

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec	
									Limits	
Boron	0.20		0.400	0.562		mg/L		91	75 - 125	

Lab Sample ID: 680-247418-D-1-F MSD
Matrix: Water
Analysis Batch: 827709

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 825595

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec		RPD	
									Limits		RPD	Limit
Antimony	<0.00034		0.0500	0.0556		mg/L		111	75 - 125		8	20
Arsenic	<0.00086		0.100	0.106		mg/L		106	75 - 125		8	20
Barium	0.052		0.100	0.159		mg/L		107	75 - 125		5	20

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QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-247414-1

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

Lab Sample ID: 680-247418-D-1-F MSD
Matrix: Water
Analysis Batch: 827709

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 825595

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	RPD	Limit
	Result	Qualifier		Result	Qualifier				Limits			
Beryllium	<0.00020		0.0500	0.0563		mg/L		113	75 - 125	8		20
Cadmium	<0.000078		0.0500	0.0534		mg/L		107	75 - 125	9		20
Calcium	16	F1	5.00	21.4		mg/L		115	75 - 125	7		20
Chromium	0.0013	J	0.100	0.107		mg/L		105	75 - 125	8		20
Cobalt	<0.00022		0.0500	0.0555		mg/L		111	75 - 125	8		20
Copper	0.0034		0.101	0.115		mg/L		111	75 - 125	8		20
Lead	0.00052	J	0.500	0.497		mg/L		99	75 - 125	7		20
Magnesium	5.8	F1	5.00	11.3		mg/L		110	75 - 125	11		20
Nickel	0.0012		0.100	0.105		mg/L		104	75 - 125	8		20
Potassium	2.3	F1	7.00	10.4		mg/L		115	75 - 125	8		20
Selenium	<0.00099		0.100	0.106		mg/L		106	75 - 125	4		20
Silver	<0.00039		0.0500	0.0520		mg/L		104	75 - 125	8		20
Sodium	14	F1	5.03	19.0		mg/L		96	75 - 125	9		20
Thallium	<0.00026		0.0500	0.0551		mg/L		110	75 - 125	7		20
Vanadium	0.0026		0.100	0.110		mg/L		108	75 - 125	10		20
Zinc	0.0060		0.0505	0.0629		mg/L		113	75 - 125	1		20

Lab Sample ID: 680-247418-D-1-F MSD
Matrix: Water
Analysis Batch: 827792

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 825595

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	RPD	Limit
	Result	Qualifier		Result	Qualifier				Limits			
Boron	0.20		0.400	0.564		mg/L		91	75 - 125	0		20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 680-825846/1-A
Matrix: Water
Analysis Batch: 825982

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 825846

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	<0.000080		0.00020	0.000080	mg/L		03/05/24 10:52	03/05/24 16:00	1

Lab Sample ID: LCS 680-825846/2-A
Matrix: Water
Analysis Batch: 825982

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 825846

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec
							Added
Mercury	0.00250	0.00251		mg/L		100	80 - 120

Lab Sample ID: 680-247462-L-1-C MS
Matrix: Water
Analysis Batch: 825982

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 825846

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec
	Result	Qualifier		Result	Qualifier				Limits
Mercury	<0.000080	F1	0.00100	0.000587	F1	mg/L		59	80 - 120

QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-247414-1

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

Lab Sample ID: 680-247462-L-1-D MSD
Matrix: Water
Analysis Batch: 825982

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 825846

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.000080	F1	0.00100	0.000527	F1	mg/L		53	80 - 120	11	20

Lab Sample ID: MB 680-825852/1-A
Matrix: Water
Analysis Batch: 825982

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 825852

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/05/24 11:18	03/05/24 16:58	1

Lab Sample ID: LCS 680-825852/2-A
Matrix: Water
Analysis Batch: 825982

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 825852

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00250	0.00252		mg/L		101	80 - 120

Lab Sample ID: 680-247418-B-6-D MS
Matrix: Water
Analysis Batch: 825982

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 825852

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.000080		0.00100	0.000980		mg/L		98	80 - 120

Lab Sample ID: 680-247418-B-6-E MSD
Matrix: Water
Analysis Batch: 825982

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 825852

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.000080		0.00100	0.000979		mg/L		98	80 - 120	0	20

Method: 2320B-2011 - Alkalinity, Total

Lab Sample ID: MB 680-825907/4
Matrix: Water
Analysis Batch: 825907

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<2.2		5.0	2.2	mg/L			03/04/24 22:29	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			03/04/24 22:29	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			03/04/24 22:29	1

Lab Sample ID: LCS 680-825907/6
Matrix: Water
Analysis Batch: 825907

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3 to pH 4.5	250	249		mg/L		100	90 - 112

QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-247414-1

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

Lab Sample ID: LCSD 680-825907/31
 Matrix: Water
 Analysis Batch: 825907

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	250	252		mg/L		101	90 - 112	1	30

Lab Sample ID: 680-247426-F-1 DU
 Matrix: Water
 Analysis Batch: 825907

Client Sample ID: Duplicate
 Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	24		22.9		mg/L		4	30
Bicarbonate Alkalinity as CaCO3	24		22.9		mg/L		4	30
Carbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	30

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

Lab Sample ID: MB 680-825918/1
 Matrix: Water
 Analysis Batch: 825918

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			03/05/24 15:10	1

Lab Sample ID: LCS 680-825918/2
 Matrix: Water
 Analysis Batch: 825918

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	2410	2430		mg/L		101	80 - 120

Lab Sample ID: LCSD 680-825918/3
 Matrix: Water
 Analysis Batch: 825918

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids	2410	2430		mg/L		101	80 - 120	0	25

Lab Sample ID: 680-247364-C-1 DU
 Matrix: Water
 Analysis Batch: 825918

Client Sample ID: Duplicate
 Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	1000		996		mg/L		1	5

Lab Sample ID: MB 680-826067/1
 Matrix: Water
 Analysis Batch: 826067

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			03/06/24 10:46	1

QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-247414-1

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

Lab Sample ID: LCS 680-826067/2

Matrix: Water

Analysis Batch: 826067

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	2410	2440		mg/L		101	80 - 120

Lab Sample ID: LCSD 680-826067/3

Matrix: Water

Analysis Batch: 826067

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids	2410	2430		mg/L		101	80 - 120	0	25

Lab Sample ID: 680-247418-A-3 DU

Matrix: Water

Analysis Batch: 826067

Client Sample ID: Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	200		214	F3	mg/L		6	5

QC Association Summary

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-247414-1

HPLC/IC

Analysis Batch: 79273

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247414-1	SCH-GWA-21	Total/NA	Water	300.0	
680-247414-2	SCH-PAC-EB-7	Total/NA	Water	300.0	
MB 670-79273/37	Method Blank	Total/NA	Water	300.0	
MB 670-79273/6	Method Blank	Total/NA	Water	300.0	
LCS 670-79273/35	Lab Control Sample	Total/NA	Water	300.0	
LCSD 670-79273/36	Lab Control Sample Dup	Total/NA	Water	300.0	
670-35884-A-8 MS	Matrix Spike	Total/NA	Water	300.0	
670-35884-A-8 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Metals

Prep Batch: 825592

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247414-1	SCH-GWA-21	Total Recoverable	Water	3005A	
MB 680-825592/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-825592/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
680-247427-B-17-B MS	Matrix Spike	Total Recoverable	Water	3005A	
680-247427-B-17-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Prep Batch: 825595

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247414-2	SCH-PAC-EB-7	Total Recoverable	Water	3005A	
MB 680-825595/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-825595/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
680-247418-D-1-E MS	Matrix Spike	Total Recoverable	Water	3005A	
680-247418-D-1-F MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Analysis Batch: 825774

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247414-1	SCH-GWA-21	Total Recoverable	Water	6020B	825592
MB 680-825592/1-A	Method Blank	Total Recoverable	Water	6020B	825592
LCS 680-825592/2-A	Lab Control Sample	Total Recoverable	Water	6020B	825592
680-247427-B-17-B MS	Matrix Spike	Total Recoverable	Water	6020B	825592
680-247427-B-17-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	825592

Prep Batch: 825846

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247414-1	SCH-GWA-21	Total/NA	Water	7470A	
MB 680-825846/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-825846/2-A	Lab Control Sample	Total/NA	Water	7470A	
680-247462-L-1-C MS	Matrix Spike	Total/NA	Water	7470A	
680-247462-L-1-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Prep Batch: 825852

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247414-2	SCH-PAC-EB-7	Total/NA	Water	7470A	
MB 680-825852/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-825852/2-A	Lab Control Sample	Total/NA	Water	7470A	
680-247418-B-6-D MS	Matrix Spike	Total/NA	Water	7470A	
680-247418-B-6-E MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-247414-1

Metals

Analysis Batch: 825982

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247414-1	SCH-GWA-21	Total/NA	Water	7470A	825846
680-247414-2	SCH-PAC-EB-7	Total/NA	Water	7470A	825852
MB 680-825846/1-A	Method Blank	Total/NA	Water	7470A	825846
MB 680-825852/1-A	Method Blank	Total/NA	Water	7470A	825852
LCS 680-825846/2-A	Lab Control Sample	Total/NA	Water	7470A	825846
LCS 680-825852/2-A	Lab Control Sample	Total/NA	Water	7470A	825852
680-247418-B-6-D MS	Matrix Spike	Total/NA	Water	7470A	825852
680-247418-B-6-E MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	825852
680-247462-L-1-C MS	Matrix Spike	Total/NA	Water	7470A	825846
680-247462-L-1-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	825846

Analysis Batch: 827709

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247414-2	SCH-PAC-EB-7	Total Recoverable	Water	6020B	825595
MB 680-825595/1-A	Method Blank	Total Recoverable	Water	6020B	825595
LCS 680-825595/2-A	Lab Control Sample	Total Recoverable	Water	6020B	825595
680-247418-D-1-E MS	Matrix Spike	Total Recoverable	Water	6020B	825595
680-247418-D-1-F MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	825595

Analysis Batch: 827792

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247414-2	SCH-PAC-EB-7	Total Recoverable	Water	6020B	825595
MB 680-825595/1-A	Method Blank	Total Recoverable	Water	6020B	825595
LCS 680-825595/2-A	Lab Control Sample	Total Recoverable	Water	6020B	825595
680-247418-D-1-E MS	Matrix Spike	Total Recoverable	Water	6020B	825595
680-247418-D-1-F MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	825595

General Chemistry

Analysis Batch: 825907

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247414-1	SCH-GWA-21	Total/NA	Water	2320B-2011	
680-247414-2	SCH-PAC-EB-7	Total/NA	Water	2320B-2011	
MB 680-825907/4	Method Blank	Total/NA	Water	2320B-2011	
LCS 680-825907/6	Lab Control Sample	Total/NA	Water	2320B-2011	
LCSD 680-825907/31	Lab Control Sample Dup	Total/NA	Water	2320B-2011	
680-247426-F-1 DU	Duplicate	Total/NA	Water	2320B-2011	

Analysis Batch: 825918

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247414-1	SCH-GWA-21	Total/NA	Water	2540C-2011	
MB 680-825918/1	Method Blank	Total/NA	Water	2540C-2011	
LCS 680-825918/2	Lab Control Sample	Total/NA	Water	2540C-2011	
LCSD 680-825918/3	Lab Control Sample Dup	Total/NA	Water	2540C-2011	
680-247364-C-1 DU	Duplicate	Total/NA	Water	2540C-2011	

Analysis Batch: 826067

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247414-2	SCH-PAC-EB-7	Total/NA	Water	2540C-2011	
MB 680-826067/1	Method Blank	Total/NA	Water	2540C-2011	
LCS 680-826067/2	Lab Control Sample	Total/NA	Water	2540C-2011	

Eurofins Savannah

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-247414-1

General Chemistry (Continued)

Analysis Batch: 826067 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 680-826067/3	Lab Control Sample Dup	Total/NA	Water	2540C-2011	
680-247418-A-3 DU	Duplicate	Total/NA	Water	2540C-2011	

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Lab Chronicle

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-247414-1

Client Sample ID: SCH-GWA-21

Lab Sample ID: 680-247414-1

Date Collected: 02/29/24 16:12

Matrix: Water

Date Received: 03/02/24 09:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			79273	03/06/24 21:36	BR	EET ORL
Instrument ID: IC_004										
Total Recoverable	Prep	3005A			25 mL	125 mL	825592	03/04/24 06:05	RR	EET SAV
Total Recoverable	Analysis	6020B		1			825774	03/04/24 16:11	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	825846	03/05/24 10:52	BCB	EET SAV
Total/NA	Analysis	7470A		1			825982	03/05/24 16:56	BJB	EET SAV
Instrument ID: QuickTrace2										
Total/NA	Analysis	2320B-2011		1			825907	03/04/24 23:55	PG	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	825918	03/05/24 15:10	PG	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-PAC-EB-7

Lab Sample ID: 680-247414-2

Date Collected: 02/29/24 16:30

Matrix: Water

Date Received: 03/02/24 09:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			79273	03/06/24 21:52	BR	EET ORL
Instrument ID: IC_004										
Total Recoverable	Prep	3005A			25 mL	125 mL	825595	03/04/24 06:05	RR	EET SAV
Total Recoverable	Analysis	6020B		1			827709	03/14/24 17:44	BWR	EET SAV
Instrument ID: ICPMSC										
Total Recoverable	Prep	3005A			25 mL	125 mL	825595	03/04/24 06:05	RR	EET SAV
Total Recoverable	Analysis	6020B		1			827792	03/15/24 09:26	BWR	EET SAV
Instrument ID: ICPMSC										
Total/NA	Prep	7470A			50 mL	50 mL	825852	03/05/24 11:18	BCB	EET SAV
Total/NA	Analysis	7470A		1			825982	03/05/24 17:39	BJB	EET SAV
Instrument ID: QuickTrace2										
Total/NA	Analysis	2320B-2011		1			825907	03/05/24 00:00	PG	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	826067	03/06/24 10:46	PG	EET SAV
Instrument ID: NOEQUIP										

Laboratory References:

EET ORL = Eurofins Orlando, 481 Newburyport Avenue, Altamonte Springs, FL 32701, TEL (407)339-5984

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

Accreditation/Certification Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-247414-1

Laboratory: Eurofins Savannah

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

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87052	06-30-24
Georgia	State	E87052	06-30-24

Laboratory: Eurofins Orlando

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

Authority	Program	Identification Number	Expiration Date
Alabama	State	42800	06-30-24
Arkansas (DW)	State	FL00091	06-30-24
Florida	NELAP	E83018	06-30-24
Georgia (DW)	State	C055	06-30-24
Louisiana (All)	NELAP	239316	06-30-24
Louisiana (DW)	State	LA039	05-24-24
Mississippi	State	MS00007	06-30-24
New Mexico	State	FL00091	06-30-24
North Carolina (DW)	State	12712	07-31-24
Tennessee	State	TN04930	06-30-24
Texas	NELAP	T104704571	02-28-25
Washington	State	C1089	10-19-24

Method Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-247414-1

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	EPA	EET ORL
6020B	Metals (ICP/MS)	SW846	EET SAV
7470A	Mercury (CVAA)	SW846	EET SAV
2320B-2011	Alkalinity, Total	SM	EET SAV
2540C-2011	Total Dissolved Solids (Dried at 180 °C)	SM	EET SAV
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET SAV
7470A	Preparation, Mercury	SW846	EET SAV

Protocol References:

EPA = US Environmental Protection Agency

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

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

Laboratory References:

EET ORL = Eurofins Orlando, 481 Newburyport Avenue, Altamonte Springs, FL 32701, TEL (407)339-5984

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

Eurofins Savannah

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

Chain of Custody Record

244- ATLANTA Environment Testing

Client Information, Analysis Requested, Sample Identification, Possible Hazard Identification, Sample Disposal, Deliverable Requested, Empty Kit Relinquished, Relinquished by, Custody Seals Intact, Cooler Temperature(s) °C and Other Remarks.

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Eurofins Savannah
 5102 LaRoche Avenue
 Savannah, GA 31404
 Phone: 912-354-7858 Fax: 912-352-0165

Chain of Custody Record



Client Information (Sub Contract Lab)					Sampler: Fuller, David					Lab PM: Fuller, David					Carrier Tracking No(s):					COC No: 680-765327.1																																																																																																																							
Client Contact Shipping/Receiving					Phone:					E-Mail: David.Fuller@et.eurofinsus.com					State of Origin: Georgia					Page: Page 1 of 1																																																																																																																							
Company: Eurofins Environment Testing Southeast,										Accreditations Required (See note): NELAP - Florida; State - Georgia										Job #: 680-247414-1																																																																																																																							
Address: 481 Newburyport Avenue,					Due Date Requested: 3/13/2024					Analysis Requested															Preservation Codes:																																																																																																																		
City: Altamonte Springs					TAT Requested (days):																				<table border="0" style="width:100%; font-size: small;"> <tr><td>A - HCL</td><td>M - Hexane</td></tr> <tr><td>B - NaOH</td><td>N - None</td></tr> <tr><td>C - Zn Acetate</td><td>O - AsNaO2</td></tr> <tr><td>D - Nitric Acid</td><td>P - Na2O4S</td></tr> <tr><td>E - NaHSO4</td><td>Q - Na2SO3</td></tr> <tr><td>F - MeOH</td><td>R - Na2S2O3</td></tr> <tr><td>G - Amchlor</td><td>S - H2SO4</td></tr> <tr><td>H - Ascorbic Acid</td><td>T - TSP Dodecahydrate</td></tr> <tr><td>I - Ice</td><td>U - Acetone</td></tr> <tr><td>J - DI Water</td><td>V - MCAA</td></tr> <tr><td>K - EDTA</td><td>W - pH 4-5</td></tr> <tr><td>L - EDA</td><td>Y - Trizma</td></tr> <tr><td colspan="2">Z - other (specify)</td></tr> </table>										A - HCL	M - Hexane	B - NaOH	N - None	C - Zn Acetate	O - AsNaO2	D - Nitric Acid	P - Na2O4S	E - NaHSO4	Q - Na2SO3	F - MeOH	R - Na2S2O3	G - Amchlor	S - H2SO4	H - Ascorbic Acid	T - TSP Dodecahydrate	I - Ice	U - Acetone	J - DI Water	V - MCAA	K - EDTA	W - pH 4-5	L - EDA	Y - Trizma	Z - other (specify)		Other:																																																																														
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Phone: 407-339-5984(Tel) 407-260-6110(Fax)					WO #:																																																																																																																																						
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Sample Identification - Client ID (Lab ID)					Sample Date					Sample Time					Sample Type (C=Comp, G=grab)					Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)																																																																																																																							

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, LLC.

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

Unconfirmed Return To Client Disposal By Lab Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2 Special Instructions/QC Requirements:

Empty Kit Relinquished by:

Relinquished by:	Date/Time:	Company:	Received by: <i>[Signature]</i>	Date/Time: 3/6 9:15	Company:
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:

Custody Seals Intact: Δ Yes Δ No Cooler Temperature(s) °C and Other Remarks: **11**

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-247414-1

Login Number: 247414

List Number: 1

Creator: Stewart, Rendaisha

List Source: Eurofins Savannah

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

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-247414-1

Login Number: 247414

List Number: 2

Creator: Beck, Brent

List Source: Eurofins Orlando

List Creation: 03/06/24 09:54 AM

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



ANALYTICAL REPORT

PREPARED FOR

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

Generated 3/20/2024 11:43:08 AM

JOB DESCRIPTION

CCR - Plant Scherer PAC Ash Cell

JOB NUMBER

680-247613-1

Eurofins Savannah

Job Notes

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

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

Authorization



Generated
3/20/2024 11:43:08 AM

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

Definitions/Glossary

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-247613-1

Qualifiers

HPLC/IC

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

Metals

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

General Chemistry

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

Glossary

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

Sample Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-247613-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-247613-1	SCH-PAC-EB-8	Water	03/04/24 10:18	03/06/24 10:17
680-247613-2	SCH-GWA-46	Water	03/04/24 11:57	03/06/24 10:17
680-247613-3	SCH-GWA-45	Water	03/04/24 11:50	03/06/24 10:17
680-247613-4	SCH-GWA-22	Water	03/04/24 12:08	03/06/24 10:17
680-247613-5	SCH-PAC-FB-7	Water	03/04/24 11:40	03/06/24 10:17
680-247613-6	SCH-GWA-47	Water	03/04/24 12:59	03/06/24 10:17
680-247613-7	SCH-GWC-53	Water	03/04/24 12:57	03/06/24 10:17
680-247613-8	SCH-PAC-FD-7	Water	03/04/24 00:00	03/06/24 10:17
680-247613-9	SCH-PAC-FB-8	Water	03/04/24 13:10	03/06/24 10:17
680-247613-10	SCH-GWC-51	Water	03/04/24 13:42	03/06/24 10:17
680-247613-11	SCH-GWA-48	Water	03/04/24 13:57	03/06/24 10:17
680-247613-12	SCH-GWC-52	Water	03/04/24 14:25	03/06/24 10:17
680-247613-13	SCH-PAC-FD-8	Water	03/04/24 00:00	03/06/24 10:17
680-247613-14	SCH-GWC-50	Water	03/04/24 14:45	03/06/24 10:17
680-247613-15	SCH-GWA-49	Water	03/04/24 14:43	03/06/24 10:17
680-247613-16	SCH-GWC-29	Water	03/04/24 15:40	03/06/24 10:17

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Case Narrative

Client: Southern Company
Project: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-247613-1

Job ID: 680-247613-1

Eurofins Savannah

Job Narrative 680-247613-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

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

Receipt

The samples were received on 3/6/2024 10:17 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 2.0°C and 3.9°C.

HPLC/IC

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

Metals

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

General Chemistry

Method 2540C: A lesser volume of sample was used for the following samples due to the nature of the sample matrix resulting in elevated reporting limits: SCH-GWA-45 (680-247613-3), SCH-GWA-53 (680-247613-7), SCH-PAC-FD-7 (680-247613-8), SCH-GWC-52 (680-247613-12) and SCH-PAC-FD-8 (680-247613-13).

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

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-247613-1

Client Sample ID: SCH-PAC-EB-8

Lab Sample ID: 680-247613-1

Date Collected: 03/04/24 10:18

Matrix: Water

Date Received: 03/06/24 10:17

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.20		1.0	0.20	mg/L			03/18/24 16:46	1
Fluoride	<0.040		0.10	0.040	mg/L			03/18/24 16:46	1
Sulfate	<0.40		1.0	0.40	mg/L			03/18/24 16:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		03/07/24 07:33	03/07/24 19:40	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		03/07/24 07:33	03/07/24 19:40	1
Barium	<0.00089		0.010	0.00089	mg/L		03/07/24 07:33	03/07/24 19:40	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		03/07/24 07:33	03/07/24 19:40	1
Boron	<0.022		0.080	0.022	mg/L		03/07/24 07:33	03/07/24 19:40	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		03/07/24 07:33	03/07/24 19:40	1
Calcium	<0.14		0.50	0.14	mg/L		03/07/24 07:33	03/07/24 19:40	1
Chromium	<0.0012		0.0020	0.0012	mg/L		03/07/24 07:33	03/07/24 19:40	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		03/07/24 07:33	03/07/24 19:40	1
Copper	<0.0011		0.0020	0.0011	mg/L		03/07/24 07:33	03/07/24 19:40	1
Lead	<0.00021		0.0010	0.00021	mg/L		03/07/24 07:33	03/07/24 19:40	1
Magnesium	<0.023		0.50	0.023	mg/L		03/07/24 07:33	03/07/24 19:40	1
Nickel	<0.00042		0.0010	0.00042	mg/L		03/07/24 07:33	03/07/24 19:40	1
Potassium	<0.044		0.50	0.044	mg/L		03/07/24 07:33	03/07/24 19:40	1
Selenium	<0.00099		0.0050	0.00099	mg/L		03/07/24 07:33	03/07/24 19:40	1
Silver	<0.00039		0.0010	0.00039	mg/L		03/07/24 07:33	03/07/24 19:40	1
Sodium	<0.20		0.50	0.20	mg/L		03/07/24 07:33	03/07/24 19:40	1
Thallium	<0.00026		0.0010	0.00026	mg/L		03/07/24 07:33	03/07/24 19:40	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		03/07/24 07:33	03/07/24 19:40	1
Zinc	<0.0028		0.0050	0.0028	mg/L		03/07/24 07:33	03/07/24 19:40	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/10/24 15:01	03/11/24 16:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			03/08/24 15:04	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			03/08/24 15:04	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			03/08/24 15:04	1
Total Dissolved Solids (SM 2540C-2011)	<10		10	10	mg/L			03/08/24 11:37	1

Client Sample ID: SCH-GWA-46

Lab Sample ID: 680-247613-2

Date Collected: 03/04/24 11:57

Matrix: Water

Date Received: 03/06/24 10:17

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.4		1.0	0.20	mg/L			03/18/24 16:53	1
Fluoride	<0.040		0.10	0.040	mg/L			03/18/24 16:53	1
Sulfate	0.64 J		1.0	0.40	mg/L			03/18/24 16:53	1

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Client Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-247613-1

Client Sample ID: SCH-GWA-46

Lab Sample ID: 680-247613-2

Date Collected: 03/04/24 11:57

Matrix: Water

Date Received: 03/06/24 10:17

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		03/07/24 07:33	03/07/24 18:40	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		03/07/24 07:33	03/07/24 18:40	1
Barium	0.022		0.010	0.00089	mg/L		03/07/24 07:33	03/07/24 18:40	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		03/07/24 07:33	03/07/24 18:40	1
Boron	0.022 J		0.080	0.022	mg/L		03/07/24 07:33	03/07/24 18:40	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		03/07/24 07:33	03/07/24 18:40	1
Calcium	6.8		0.50	0.14	mg/L		03/07/24 07:33	03/07/24 18:40	1
Chromium	0.0048		0.0020	0.0012	mg/L		03/07/24 07:33	03/07/24 18:40	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		03/07/24 07:33	03/07/24 18:40	1
Copper	<0.0011		0.0020	0.0011	mg/L		03/07/24 07:33	03/07/24 18:40	1
Lead	<0.00021		0.0010	0.00021	mg/L		03/07/24 07:33	03/07/24 18:40	1
Magnesium	3.1		0.50	0.023	mg/L		03/07/24 07:33	03/07/24 18:40	1
Nickel	<0.00042		0.0010	0.00042	mg/L		03/07/24 07:33	03/07/24 18:40	1
Potassium	0.78		0.50	0.044	mg/L		03/07/24 07:33	03/07/24 18:40	1
Selenium	<0.00099		0.0050	0.00099	mg/L		03/07/24 07:33	03/07/24 18:40	1
Silver	<0.00039		0.0010	0.00039	mg/L		03/07/24 07:33	03/07/24 18:40	1
Sodium	4.5		0.50	0.20	mg/L		03/07/24 07:33	03/07/24 18:40	1
Thallium	<0.00026		0.0010	0.00026	mg/L		03/07/24 07:33	03/07/24 18:40	1
Vanadium	0.0028		0.0020	0.00063	mg/L		03/07/24 07:33	03/07/24 18:40	1
Zinc	<0.0028		0.0050	0.0028	mg/L		03/07/24 07:33	03/07/24 18:40	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/10/24 15:01	03/11/24 16:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	36		5.0	2.2	mg/L			03/08/24 17:29	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	36		5.0	5.0	mg/L			03/08/24 17:29	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			03/08/24 17:29	1
Total Dissolved Solids (SM 2540C-2011)	66		10	10	mg/L			03/08/24 11:37	1

Client Sample ID: SCH-GWA-45

Lab Sample ID: 680-247613-3

Date Collected: 03/04/24 11:50

Matrix: Water

Date Received: 03/06/24 10:17

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14		5.0	1.0	mg/L			03/18/24 22:24	5
Fluoride	<0.20		0.50	0.20	mg/L			03/18/24 22:24	5
Sulfate	160		5.0	2.0	mg/L			03/18/24 22:24	5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		03/07/24 07:33	03/07/24 19:17	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		03/07/24 07:33	03/07/24 19:17	1
Barium	0.057		0.010	0.00089	mg/L		03/07/24 07:33	03/07/24 19:17	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		03/07/24 07:33	03/07/24 19:17	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-247613-1

Client Sample ID: SCH-GWA-45

Lab Sample ID: 680-247613-3

Date Collected: 03/04/24 11:50

Matrix: Water

Date Received: 03/06/24 10:17

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.98		0.080	0.022	mg/L		03/07/24 07:33	03/07/24 19:17	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		03/07/24 07:33	03/07/24 19:17	1
Calcium	25		0.50	0.14	mg/L		03/07/24 07:33	03/07/24 19:17	1
Chromium	0.0016	J	0.0020	0.0012	mg/L		03/07/24 07:33	03/07/24 19:17	1
Cobalt	0.00040	J	0.0025	0.00022	mg/L		03/07/24 07:33	03/07/24 19:17	1
Copper	0.0068		0.0020	0.0011	mg/L		03/07/24 07:33	03/07/24 19:17	1
Lead	<0.00021		0.0010	0.00021	mg/L		03/07/24 07:33	03/07/24 19:17	1
Magnesium	8.8		0.50	0.023	mg/L		03/07/24 07:33	03/07/24 19:17	1
Nickel	0.0011		0.0010	0.00042	mg/L		03/07/24 07:33	03/07/24 19:17	1
Potassium	3.2		0.50	0.044	mg/L		03/07/24 07:33	03/07/24 19:17	1
Selenium	<0.00099		0.0050	0.00099	mg/L		03/07/24 07:33	03/07/24 19:17	1
Silver	<0.00039		0.0010	0.00039	mg/L		03/07/24 07:33	03/07/24 19:17	1
Sodium	51		0.50	0.20	mg/L		03/07/24 07:33	03/07/24 19:17	1
Thallium	<0.00026		0.0010	0.00026	mg/L		03/07/24 07:33	03/07/24 19:17	1
Vanadium	0.0024		0.0020	0.00063	mg/L		03/07/24 07:33	03/07/24 19:17	1
Zinc	0.0035	J	0.0050	0.0028	mg/L		03/07/24 07:33	03/07/24 19:17	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/10/24 15:01	03/11/24 16:50	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	34		5.0	2.2	mg/L			03/08/24 14:59	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	34		5.0	5.0	mg/L			03/08/24 14:59	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			03/08/24 14:59	1
Total Dissolved Solids (SM 2540C-2011)	310		40	40	mg/L			03/08/24 11:37	1

Client Sample ID: SCH-GWA-22

Lab Sample ID: 680-247613-4

Date Collected: 03/04/24 12:08

Matrix: Water

Date Received: 03/06/24 10:17

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.8		1.0	0.20	mg/L			03/18/24 16:59	1
Fluoride	<0.040		0.10	0.040	mg/L			03/18/24 16:59	1
Sulfate	<0.40		1.0	0.40	mg/L			03/18/24 16:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		03/07/24 07:33	03/07/24 19:20	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		03/07/24 07:33	03/07/24 19:20	1
Barium	0.022		0.010	0.00089	mg/L		03/07/24 07:33	03/07/24 19:20	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		03/07/24 07:33	03/07/24 19:20	1
Boron	0.033	J	0.080	0.022	mg/L		03/07/24 07:33	03/07/24 19:20	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		03/07/24 07:33	03/07/24 19:20	1
Calcium	11		0.50	0.14	mg/L		03/07/24 07:33	03/07/24 19:20	1
Chromium	0.011		0.0020	0.0012	mg/L		03/07/24 07:33	03/07/24 19:20	1

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Client Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-247613-1

Client Sample ID: SCH-GWA-22

Lab Sample ID: 680-247613-4

Date Collected: 03/04/24 12:08

Matrix: Water

Date Received: 03/06/24 10:17

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	<0.00022		0.0025	0.00022	mg/L		03/07/24 07:33	03/07/24 19:20	1
Copper	0.0025		0.0020	0.0011	mg/L		03/07/24 07:33	03/07/24 19:20	1
Lead	0.0020		0.0010	0.00021	mg/L		03/07/24 07:33	03/07/24 19:20	1
Magnesium	5.7		0.50	0.023	mg/L		03/07/24 07:33	03/07/24 19:20	1
Nickel	0.00055	J	0.0010	0.00042	mg/L		03/07/24 07:33	03/07/24 19:20	1
Potassium	0.73		0.50	0.044	mg/L		03/07/24 07:33	03/07/24 19:20	1
Selenium	<0.00099		0.0050	0.00099	mg/L		03/07/24 07:33	03/07/24 19:20	1
Silver	<0.00039		0.0010	0.00039	mg/L		03/07/24 07:33	03/07/24 19:20	1
Sodium	5.3		0.50	0.20	mg/L		03/07/24 07:33	03/07/24 19:20	1
Thallium	<0.00026		0.0010	0.00026	mg/L		03/07/24 07:33	03/07/24 19:20	1
Vanadium	0.0081		0.0020	0.00063	mg/L		03/07/24 07:33	03/07/24 19:20	1
Zinc	0.0059		0.0050	0.0028	mg/L		03/07/24 07:33	03/07/24 19:20	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/10/24 15:01	03/11/24 16:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	63		5.0	2.2	mg/L			03/08/24 17:21	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	63		5.0	5.0	mg/L			03/08/24 17:21	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			03/08/24 17:21	1
Total Dissolved Solids (SM 2540C-2011)	96		10	10	mg/L			03/08/24 11:37	1

Client Sample ID: SCH-PAC-FB-7

Lab Sample ID: 680-247613-5

Date Collected: 03/04/24 11:40

Matrix: Water

Date Received: 03/06/24 10:17

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.20		1.0	0.20	mg/L			03/18/24 17:06	1
Fluoride	<0.040		0.10	0.040	mg/L			03/18/24 17:06	1
Sulfate	<0.40		1.0	0.40	mg/L			03/18/24 17:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		03/07/24 07:43	03/07/24 17:03	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		03/07/24 07:43	03/07/24 17:03	1
Barium	<0.00089		0.010	0.00089	mg/L		03/07/24 07:43	03/07/24 17:03	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		03/07/24 07:43	03/07/24 17:03	1
Boron	<0.022		0.080	0.022	mg/L		03/07/24 07:43	03/07/24 17:03	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		03/07/24 07:43	03/07/24 17:03	1
Calcium	<0.14		0.50	0.14	mg/L		03/07/24 07:43	03/07/24 17:03	1
Chromium	<0.0012		0.0020	0.0012	mg/L		03/07/24 07:43	03/07/24 17:03	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		03/07/24 07:43	03/07/24 17:03	1
Copper	0.0016	J	0.0020	0.0011	mg/L		03/07/24 07:43	03/07/24 17:03	1
Lead	<0.00021		0.0010	0.00021	mg/L		03/07/24 07:43	03/07/24 17:03	1
Magnesium	<0.023		0.50	0.023	mg/L		03/07/24 07:43	03/07/24 17:03	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-247613-1

Client Sample ID: SCH-PAC-FB-7

Lab Sample ID: 680-247613-5

Date Collected: 03/04/24 11:40

Matrix: Water

Date Received: 03/06/24 10:17

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	<0.00042		0.0010	0.00042	mg/L		03/07/24 07:43	03/07/24 17:03	1
Potassium	<0.044		0.50	0.044	mg/L		03/07/24 07:43	03/07/24 17:03	1
Selenium	<0.00099		0.0050	0.00099	mg/L		03/07/24 07:43	03/07/24 17:03	1
Silver	<0.00039		0.0010	0.00039	mg/L		03/07/24 07:43	03/07/24 17:03	1
Sodium	<0.20		0.50	0.20	mg/L		03/07/24 07:43	03/07/24 17:03	1
Thallium	<0.00026		0.0010	0.00026	mg/L		03/07/24 07:43	03/07/24 17:03	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		03/07/24 07:43	03/07/24 17:03	1
Zinc	<0.0028		0.0050	0.0028	mg/L		03/07/24 07:43	03/07/24 17:03	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/10/24 15:01	03/11/24 16:58	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	2.8	J	5.0	2.2	mg/L			03/08/24 17:06	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			03/08/24 17:06	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			03/08/24 17:06	1
Total Dissolved Solids (SM 2540C-2011)	<10		10	10	mg/L			03/08/24 11:37	1

Client Sample ID: SCH-GWA-47

Lab Sample ID: 680-247613-6

Date Collected: 03/04/24 12:59

Matrix: Water

Date Received: 03/06/24 10:17

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.8		1.0	0.20	mg/L			03/18/24 17:12	1
Fluoride	<0.040		0.10	0.040	mg/L			03/18/24 17:12	1
Sulfate	0.46	J	1.0	0.40	mg/L			03/18/24 17:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		03/07/24 07:43	03/07/24 17:06	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		03/07/24 07:43	03/07/24 17:06	1
Barium	0.032		0.010	0.00089	mg/L		03/07/24 07:43	03/07/24 17:06	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		03/07/24 07:43	03/07/24 17:06	1
Boron	<0.022		0.080	0.022	mg/L		03/07/24 07:43	03/07/24 17:06	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		03/07/24 07:43	03/07/24 17:06	1
Calcium	15		0.50	0.14	mg/L		03/07/24 07:43	03/07/24 17:06	1
Chromium	0.010		0.0020	0.0012	mg/L		03/07/24 07:43	03/07/24 17:06	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		03/07/24 07:43	03/07/24 17:06	1
Copper	<0.0011		0.0020	0.0011	mg/L		03/07/24 07:43	03/07/24 17:06	1
Lead	<0.00021		0.0010	0.00021	mg/L		03/07/24 07:43	03/07/24 17:06	1
Magnesium	7.0		0.50	0.023	mg/L		03/07/24 07:43	03/07/24 17:06	1
Nickel	<0.00042		0.0010	0.00042	mg/L		03/07/24 07:43	03/07/24 17:06	1
Potassium	0.96		0.50	0.044	mg/L		03/07/24 07:43	03/07/24 17:06	1
Selenium	<0.00099		0.0050	0.00099	mg/L		03/07/24 07:43	03/07/24 17:06	1
Silver	<0.00039		0.0010	0.00039	mg/L		03/07/24 07:43	03/07/24 17:06	1

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Client Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-247613-1

Client Sample ID: SCH-GWA-47

Lab Sample ID: 680-247613-6

Date Collected: 03/04/24 12:59

Matrix: Water

Date Received: 03/06/24 10:17

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	7.9		0.50	0.20	mg/L		03/07/24 07:43	03/07/24 17:06	1
Thallium	<0.00026		0.0010	0.00026	mg/L		03/07/24 07:43	03/07/24 17:06	1
Vanadium	0.0078		0.0020	0.00063	mg/L		03/07/24 07:43	03/07/24 17:06	1
Zinc	<0.0028		0.0050	0.0028	mg/L		03/07/24 07:43	03/07/24 17:06	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/10/24 15:01	03/11/24 17:07	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	75		5.0	2.2	mg/L			03/08/24 17:37	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	75		5.0	5.0	mg/L			03/08/24 17:37	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			03/08/24 17:37	1
Total Dissolved Solids (SM 2540C-2011)	99		10	10	mg/L			03/08/24 11:37	1

Client Sample ID: SCH-GWC-53

Lab Sample ID: 680-247613-7

Date Collected: 03/04/24 12:57

Matrix: Water

Date Received: 03/06/24 10:17

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15		5.0	1.0	mg/L			03/18/24 22:31	5
Fluoride	<0.20		0.50	0.20	mg/L			03/18/24 22:31	5
Sulfate	180		5.0	2.0	mg/L			03/18/24 22:31	5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		03/07/24 07:43	03/07/24 17:09	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		03/07/24 07:43	03/07/24 17:09	1
Barium	0.036		0.010	0.00089	mg/L		03/07/24 07:43	03/07/24 17:09	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		03/07/24 07:43	03/07/24 17:09	1
Boron	0.97		0.080	0.022	mg/L		03/07/24 07:43	03/07/24 17:09	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		03/07/24 07:43	03/07/24 17:09	1
Calcium	19		0.50	0.14	mg/L		03/07/24 07:43	03/07/24 17:09	1
Chromium	0.0013	J	0.0020	0.0012	mg/L		03/07/24 07:43	03/07/24 17:09	1
Cobalt	0.0067		0.0025	0.00022	mg/L		03/07/24 07:43	03/07/24 17:09	1
Copper	<0.0011		0.0020	0.0011	mg/L		03/07/24 07:43	03/07/24 17:09	1
Lead	<0.00021		0.0010	0.00021	mg/L		03/07/24 07:43	03/07/24 17:09	1
Magnesium	12		0.50	0.023	mg/L		03/07/24 07:43	03/07/24 17:09	1
Nickel	0.0077		0.0010	0.00042	mg/L		03/07/24 07:43	03/07/24 17:09	1
Potassium	1.4		0.50	0.044	mg/L		03/07/24 07:43	03/07/24 17:09	1
Selenium	<0.00099		0.0050	0.00099	mg/L		03/07/24 07:43	03/07/24 17:09	1
Silver	<0.00039		0.0010	0.00039	mg/L		03/07/24 07:43	03/07/24 17:09	1
Sodium	54		0.50	0.20	mg/L		03/07/24 07:43	03/07/24 17:09	1
Thallium	<0.00026		0.0010	0.00026	mg/L		03/07/24 07:43	03/07/24 17:09	1
Vanadium	0.00066	J	0.0020	0.00063	mg/L		03/07/24 07:43	03/07/24 17:09	1
Zinc	0.013		0.0050	0.0028	mg/L		03/07/24 07:43	03/07/24 17:09	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-247613-1

Client Sample ID: SCH-GWC-53

Lab Sample ID: 680-247613-7

Date Collected: 03/04/24 12:57

Matrix: Water

Date Received: 03/06/24 10:17

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/10/24 15:01	03/11/24 17:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	8.8		5.0	2.2	mg/L			03/08/24 18:01	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	8.8		5.0	5.0	mg/L			03/08/24 18:01	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			03/08/24 18:01	1
Total Dissolved Solids (SM 2540C-2011)	310		40	40	mg/L			03/08/24 11:37	1

Client Sample ID: SCH-PAC-FD-7

Lab Sample ID: 680-247613-8

Date Collected: 03/04/24 00:00

Matrix: Water

Date Received: 03/06/24 10:17

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15		1.0	0.20	mg/L			03/18/24 17:19	1
Fluoride	<0.040		0.10	0.040	mg/L			03/18/24 17:19	1
Sulfate	120		10	4.0	mg/L			03/19/24 15:10	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		03/07/24 07:43	03/07/24 17:18	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		03/07/24 07:43	03/07/24 17:18	1
Barium	0.084		0.010	0.00089	mg/L		03/07/24 07:43	03/07/24 17:18	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		03/07/24 07:43	03/07/24 17:18	1
Boron	1.0		0.080	0.022	mg/L		03/07/24 07:43	03/07/24 17:18	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		03/07/24 07:43	03/07/24 17:18	1
Calcium	20		0.50	0.14	mg/L		03/07/24 07:43	03/07/24 17:18	1
Chromium	0.0014	J	0.0020	0.0012	mg/L		03/07/24 07:43	03/07/24 17:18	1
Cobalt	0.0070		0.0025	0.00022	mg/L		03/07/24 07:43	03/07/24 17:18	1
Copper	<0.0011		0.0020	0.0011	mg/L		03/07/24 07:43	03/07/24 17:18	1
Lead	<0.00021		0.0010	0.00021	mg/L		03/07/24 07:43	03/07/24 17:18	1
Magnesium	12		0.50	0.023	mg/L		03/07/24 07:43	03/07/24 17:18	1
Nickel	0.0076		0.0010	0.00042	mg/L		03/07/24 07:43	03/07/24 17:18	1
Potassium	1.5		0.50	0.044	mg/L		03/07/24 07:43	03/07/24 17:18	1
Selenium	<0.00099		0.0050	0.00099	mg/L		03/07/24 07:43	03/07/24 17:18	1
Silver	<0.00039		0.0010	0.00039	mg/L		03/07/24 07:43	03/07/24 17:18	1
Sodium	55		0.50	0.20	mg/L		03/07/24 07:43	03/07/24 17:18	1
Thallium	<0.00026		0.0010	0.00026	mg/L		03/07/24 07:43	03/07/24 17:18	1
Vanadium	0.00078	J	0.0020	0.00063	mg/L		03/07/24 07:43	03/07/24 17:18	1
Zinc	0.015		0.0050	0.0028	mg/L		03/07/24 07:43	03/07/24 17:18	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/10/24 15:01	03/11/24 17:11	1

Client Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-247613-1

Client Sample ID: SCH-PAC-FD-7

Lab Sample ID: 680-247613-8

Date Collected: 03/04/24 00:00

Matrix: Water

Date Received: 03/06/24 10:17

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	9.0		5.0	2.2	mg/L			03/08/24 18:08	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	9.0		5.0	5.0	mg/L			03/08/24 18:08	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			03/08/24 18:08	1
Total Dissolved Solids (SM 2540C-2011)	310		40	40	mg/L			03/11/24 09:16	1

Client Sample ID: SCH-PAC-FB-8

Lab Sample ID: 680-247613-9

Date Collected: 03/04/24 13:10

Matrix: Water

Date Received: 03/06/24 10:17

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.20		1.0	0.20	mg/L			03/18/24 18:24	1
Fluoride	<0.040		0.10	0.040	mg/L			03/18/24 18:24	1
Sulfate	<0.40		1.0	0.40	mg/L			03/18/24 18:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		03/07/24 07:43	03/07/24 17:00	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		03/07/24 07:43	03/07/24 17:00	1
Barium	<0.00089		0.010	0.00089	mg/L		03/07/24 07:43	03/07/24 17:00	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		03/07/24 07:43	03/07/24 17:00	1
Boron	<0.022		0.080	0.022	mg/L		03/07/24 07:43	03/07/24 17:00	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		03/07/24 07:43	03/07/24 17:00	1
Calcium	<0.14		0.50	0.14	mg/L		03/07/24 07:43	03/07/24 17:00	1
Chromium	<0.0012		0.0020	0.0012	mg/L		03/07/24 07:43	03/07/24 17:00	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		03/07/24 07:43	03/07/24 17:00	1
Copper	<0.0011		0.0020	0.0011	mg/L		03/07/24 07:43	03/07/24 17:00	1
Lead	<0.00021		0.0010	0.00021	mg/L		03/07/24 07:43	03/07/24 17:00	1
Magnesium	<0.023		0.50	0.023	mg/L		03/07/24 07:43	03/07/24 17:00	1
Nickel	<0.00042		0.0010	0.00042	mg/L		03/07/24 07:43	03/07/24 17:00	1
Potassium	<0.044		0.50	0.044	mg/L		03/07/24 07:43	03/07/24 17:00	1
Selenium	<0.00099		0.0050	0.00099	mg/L		03/07/24 07:43	03/07/24 17:00	1
Silver	<0.00039		0.0010	0.00039	mg/L		03/07/24 07:43	03/07/24 17:00	1
Sodium	<0.20		0.50	0.20	mg/L		03/07/24 07:43	03/07/24 17:00	1
Thallium	<0.00026		0.0010	0.00026	mg/L		03/07/24 07:43	03/07/24 17:00	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		03/07/24 07:43	03/07/24 17:00	1
Zinc	<0.0028		0.0050	0.0028	mg/L		03/07/24 07:43	03/07/24 17:00	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00014	J	0.00020	0.000080	mg/L		03/13/24 11:18	03/13/24 16:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			03/08/24 18:13	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			03/08/24 18:13	1

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Client Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-247613-1

Client Sample ID: SCH-PAC-FB-8

Lab Sample ID: 680-247613-9

Date Collected: 03/04/24 13:10

Matrix: Water

Date Received: 03/06/24 10:17

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			03/08/24 18:13	1
Total Dissolved Solids (SM 2540C-2011)	<10		10	10	mg/L			03/11/24 09:16	1

Client Sample ID: SCH-GWC-51

Lab Sample ID: 680-247613-10

Date Collected: 03/04/24 13:42

Matrix: Water

Date Received: 03/06/24 10:17

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.4		1.0	0.20	mg/L			03/18/24 17:25	1
Fluoride	<0.040		0.10	0.040	mg/L			03/18/24 17:25	1
Sulfate	2.9		1.0	0.40	mg/L			03/18/24 17:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		03/07/24 07:43	03/07/24 17:20	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		03/07/24 07:43	03/07/24 17:20	1
Barium	0.011		0.010	0.00089	mg/L		03/07/24 07:43	03/07/24 17:20	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		03/07/24 07:43	03/07/24 17:20	1
Boron	0.036	J	0.080	0.022	mg/L		03/07/24 07:43	03/07/24 17:20	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		03/07/24 07:43	03/07/24 17:20	1
Calcium	8.1		0.50	0.14	mg/L		03/07/24 07:43	03/07/24 17:20	1
Chromium	0.0064		0.0020	0.0012	mg/L		03/07/24 07:43	03/07/24 17:20	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		03/07/24 07:43	03/07/24 17:20	1
Copper	<0.0011		0.0020	0.0011	mg/L		03/07/24 07:43	03/07/24 17:20	1
Lead	<0.00021		0.0010	0.00021	mg/L		03/07/24 07:43	03/07/24 17:20	1
Magnesium	5.3		0.50	0.023	mg/L		03/07/24 07:43	03/07/24 17:20	1
Nickel	0.0024		0.0010	0.00042	mg/L		03/07/24 07:43	03/07/24 17:20	1
Potassium	0.34	J	0.50	0.044	mg/L		03/07/24 07:43	03/07/24 17:20	1
Selenium	<0.00099		0.0050	0.00099	mg/L		03/07/24 07:43	03/07/24 17:20	1
Silver	<0.00039		0.0010	0.00039	mg/L		03/07/24 07:43	03/07/24 17:20	1
Sodium	4.6		0.50	0.20	mg/L		03/07/24 07:43	03/07/24 17:20	1
Thallium	<0.00026		0.0010	0.00026	mg/L		03/07/24 07:43	03/07/24 17:20	1
Vanadium	0.0041		0.0020	0.00063	mg/L		03/07/24 07:43	03/07/24 17:20	1
Zinc	<0.0028		0.0050	0.0028	mg/L		03/07/24 07:43	03/07/24 17:20	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/13/24 11:18	03/13/24 16:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	41		5.0	2.2	mg/L			03/12/24 18:38	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	41		5.0	5.0	mg/L			03/12/24 18:38	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			03/12/24 18:38	1
Total Dissolved Solids (SM 2540C-2011)	86		10	10	mg/L			03/11/24 09:16	1

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Client Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-247613-1

Client Sample ID: SCH-GWA-48

Lab Sample ID: 680-247613-11

Date Collected: 03/04/24 13:57

Matrix: Water

Date Received: 03/06/24 10:17

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.8		1.0	0.20	mg/L			03/18/24 17:32	1
Fluoride	<0.040		0.10	0.040	mg/L			03/18/24 17:32	1
Sulfate	1.4		1.0	0.40	mg/L			03/18/24 17:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		03/07/24 07:43	03/07/24 16:49	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		03/07/24 07:43	03/07/24 16:49	1
Barium	0.015		0.010	0.00089	mg/L		03/07/24 07:43	03/07/24 16:49	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		03/07/24 07:43	03/07/24 16:49	1
Boron	<0.022		0.080	0.022	mg/L		03/07/24 07:43	03/07/24 16:49	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		03/07/24 07:43	03/07/24 16:49	1
Calcium	13		0.50	0.14	mg/L		03/07/24 07:43	03/07/24 16:49	1
Chromium	0.0063		0.0020	0.0012	mg/L		03/07/24 07:43	03/07/24 16:49	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		03/07/24 07:43	03/07/24 16:49	1
Copper	<0.0011		0.0020	0.0011	mg/L		03/07/24 07:43	03/07/24 16:49	1
Lead	<0.00021		0.0010	0.00021	mg/L		03/07/24 07:43	03/07/24 16:49	1
Magnesium	5.7		0.50	0.023	mg/L		03/07/24 07:43	03/07/24 16:49	1
Nickel	<0.00042		0.0010	0.00042	mg/L		03/07/24 07:43	03/07/24 16:49	1
Potassium	0.91		0.50	0.044	mg/L		03/07/24 07:43	03/07/24 16:49	1
Selenium	<0.00099		0.0050	0.00099	mg/L		03/07/24 07:43	03/07/24 16:49	1
Silver	<0.00039		0.0010	0.00039	mg/L		03/07/24 07:43	03/07/24 16:49	1
Sodium	5.8		0.50	0.20	mg/L		03/07/24 07:43	03/07/24 16:49	1
Thallium	<0.00026		0.0010	0.00026	mg/L		03/07/24 07:43	03/07/24 16:49	1
Vanadium	0.018		0.0020	0.00063	mg/L		03/07/24 07:43	03/07/24 16:49	1
Zinc	<0.0028		0.0050	0.0028	mg/L		03/07/24 07:43	03/07/24 16:49	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/13/24 11:18	03/13/24 16:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	65		5.0	2.2	mg/L			03/12/24 18:12	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	65		5.0	5.0	mg/L			03/12/24 18:12	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			03/12/24 18:12	1
Total Dissolved Solids (SM 2540C-2011)	100		10	10	mg/L			03/11/24 09:16	1

Client Sample ID: SCH-GWC-52

Lab Sample ID: 680-247613-12

Date Collected: 03/04/24 14:25

Matrix: Water

Date Received: 03/06/24 10:17

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.1		2.0	0.40	mg/L			03/18/24 22:11	2
Fluoride	<0.080		0.20	0.080	mg/L			03/18/24 22:11	2
Sulfate	90		2.0	0.80	mg/L			03/18/24 22:11	2

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-247613-1

Client Sample ID: SCH-GWC-52

Lab Sample ID: 680-247613-12

Date Collected: 03/04/24 14:25

Matrix: Water

Date Received: 03/06/24 10:17

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		03/07/24 07:43	03/07/24 16:58	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		03/07/24 07:43	03/07/24 16:58	1
Barium	0.025		0.010	0.00089	mg/L		03/07/24 07:43	03/07/24 16:58	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		03/07/24 07:43	03/07/24 16:58	1
Boron	0.023 J		0.080	0.022	mg/L		03/07/24 07:43	03/07/24 16:58	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		03/07/24 07:43	03/07/24 16:58	1
Calcium	28		0.50	0.14	mg/L		03/07/24 07:43	03/07/24 16:58	1
Chromium	0.033		0.0020	0.0012	mg/L		03/07/24 07:43	03/07/24 16:58	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		03/07/24 07:43	03/07/24 16:58	1
Copper	<0.0011		0.0020	0.0011	mg/L		03/07/24 07:43	03/07/24 16:58	1
Lead	<0.00021		0.0010	0.00021	mg/L		03/07/24 07:43	03/07/24 16:58	1
Magnesium	15		0.50	0.023	mg/L		03/07/24 07:43	03/07/24 16:58	1
Nickel	<0.00042		0.0010	0.00042	mg/L		03/07/24 07:43	03/07/24 16:58	1
Potassium	1.5		0.50	0.044	mg/L		03/07/24 07:43	03/07/24 16:58	1
Selenium	<0.00099		0.0050	0.00099	mg/L		03/07/24 07:43	03/07/24 16:58	1
Silver	<0.00039		0.0010	0.00039	mg/L		03/07/24 07:43	03/07/24 16:58	1
Sodium	9.6		0.50	0.20	mg/L		03/07/24 07:43	03/07/24 16:58	1
Thallium	<0.00026		0.0010	0.00026	mg/L		03/07/24 07:43	03/07/24 16:58	1
Vanadium	0.0098		0.0020	0.00063	mg/L		03/07/24 07:43	03/07/24 16:58	1
Zinc	<0.0028		0.0050	0.0028	mg/L		03/07/24 07:43	03/07/24 16:58	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/13/24 11:18	03/13/24 16:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	44		5.0	2.2	mg/L			03/12/24 18:04	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	44		5.0	5.0	mg/L			03/12/24 18:04	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			03/12/24 18:04	1
Total Dissolved Solids (SM 2540C-2011)	200		40	40	mg/L			03/11/24 09:16	1

Client Sample ID: SCH-PAC-FD-8

Lab Sample ID: 680-247613-13

Date Collected: 03/04/24 00:00

Matrix: Water

Date Received: 03/06/24 10:17

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.1		1.0	0.20	mg/L			03/18/24 18:17	1
Fluoride	<0.040		0.10	0.040	mg/L			03/18/24 18:17	1
Sulfate	61		5.0	2.0	mg/L			03/19/24 14:59	5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		03/07/24 07:33	03/07/24 19:26	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		03/07/24 07:33	03/07/24 19:26	1
Barium	0.024		0.010	0.00089	mg/L		03/07/24 07:33	03/07/24 19:26	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		03/07/24 07:33	03/07/24 19:26	1

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Client Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-247613-1

Client Sample ID: SCH-PAC-FD-8

Lab Sample ID: 680-247613-13

Date Collected: 03/04/24 00:00

Matrix: Water

Date Received: 03/06/24 10:17

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.022		0.080	0.022	mg/L		03/07/24 07:33	03/07/24 19:26	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		03/07/24 07:33	03/07/24 19:26	1
Calcium	26		0.50	0.14	mg/L		03/07/24 07:33	03/07/24 19:26	1
Chromium	0.032		0.0020	0.0012	mg/L		03/07/24 07:33	03/07/24 19:26	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		03/07/24 07:33	03/07/24 19:26	1
Copper	<0.0011		0.0020	0.0011	mg/L		03/07/24 07:33	03/07/24 19:26	1
Lead	<0.00021		0.0010	0.00021	mg/L		03/07/24 07:33	03/07/24 19:26	1
Magnesium	14		0.50	0.023	mg/L		03/07/24 07:33	03/07/24 19:26	1
Nickel	<0.00042		0.0010	0.00042	mg/L		03/07/24 07:33	03/07/24 19:26	1
Potassium	1.5		0.50	0.044	mg/L		03/07/24 07:33	03/07/24 19:26	1
Selenium	<0.00099		0.0050	0.00099	mg/L		03/07/24 07:33	03/07/24 19:26	1
Silver	<0.00039		0.0010	0.00039	mg/L		03/07/24 07:33	03/07/24 19:26	1
Sodium	9.1		0.50	0.20	mg/L		03/07/24 07:33	03/07/24 19:26	1
Thallium	<0.00026		0.0010	0.00026	mg/L		03/07/24 07:33	03/07/24 19:26	1
Vanadium	0.0085		0.0020	0.00063	mg/L		03/07/24 07:33	03/07/24 19:26	1
Zinc	<0.0028		0.0050	0.0028	mg/L		03/07/24 07:33	03/07/24 19:26	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/13/24 11:18	03/13/24 16:43	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	45		5.0	2.2	mg/L			03/12/24 17:38	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	45		5.0	5.0	mg/L			03/12/24 17:38	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			03/12/24 17:38	1
Total Dissolved Solids (SM 2540C-2011)	200		40	40	mg/L			03/11/24 09:16	1

Client Sample ID: SCH-GWC-50

Lab Sample ID: 680-247613-14

Date Collected: 03/04/24 14:45

Matrix: Water

Date Received: 03/06/24 10:17

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.9		1.0	0.20	mg/L			03/18/24 17:58	1
Fluoride	<0.040		0.10	0.040	mg/L			03/18/24 17:58	1
Sulfate	<0.40		1.0	0.40	mg/L			03/18/24 17:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		03/07/24 07:33	03/07/24 19:35	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		03/07/24 07:33	03/07/24 19:35	1
Barium	0.014		0.010	0.00089	mg/L		03/07/24 07:33	03/07/24 19:35	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		03/07/24 07:33	03/07/24 19:35	1
Boron	<0.022		0.080	0.022	mg/L		03/07/24 07:33	03/07/24 19:35	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		03/07/24 07:33	03/07/24 19:35	1
Calcium	7.9		0.50	0.14	mg/L		03/07/24 07:33	03/07/24 19:35	1
Chromium	0.0042		0.0020	0.0012	mg/L		03/07/24 07:33	03/07/24 19:35	1

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Client Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-247613-1

Client Sample ID: SCH-GWC-50

Lab Sample ID: 680-247613-14

Date Collected: 03/04/24 14:45

Matrix: Water

Date Received: 03/06/24 10:17

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	<0.00022		0.0025	0.00022	mg/L		03/07/24 07:33	03/07/24 19:35	1
Copper	<0.0011		0.0020	0.0011	mg/L		03/07/24 07:33	03/07/24 19:35	1
Lead	<0.00021		0.0010	0.00021	mg/L		03/07/24 07:33	03/07/24 19:35	1
Magnesium	3.7		0.50	0.023	mg/L		03/07/24 07:33	03/07/24 19:35	1
Nickel	0.0029		0.0010	0.00042	mg/L		03/07/24 07:33	03/07/24 19:35	1
Potassium	0.44 J		0.50	0.044	mg/L		03/07/24 07:33	03/07/24 19:35	1
Selenium	<0.00099		0.0050	0.00099	mg/L		03/07/24 07:33	03/07/24 19:35	1
Silver	<0.00039		0.0010	0.00039	mg/L		03/07/24 07:33	03/07/24 19:35	1
Sodium	5.0		0.50	0.20	mg/L		03/07/24 07:33	03/07/24 19:35	1
Thallium	<0.00026		0.0010	0.00026	mg/L		03/07/24 07:33	03/07/24 19:35	1
Vanadium	0.0025		0.0020	0.00063	mg/L		03/07/24 07:33	03/07/24 19:35	1
Zinc	<0.0028		0.0050	0.0028	mg/L		03/07/24 07:33	03/07/24 19:35	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/13/24 11:18	03/13/24 16:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	44		5.0	2.2	mg/L			03/12/24 18:46	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	44		5.0	5.0	mg/L			03/12/24 18:46	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			03/12/24 18:46	1
Total Dissolved Solids (SM 2540C-2011)	68		10	10	mg/L			03/11/24 09:16	1

Client Sample ID: SCH-GWA-49

Lab Sample ID: 680-247613-15

Date Collected: 03/04/24 14:43

Matrix: Water

Date Received: 03/06/24 10:17

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.0		1.0	0.20	mg/L			03/18/24 18:30	1
Fluoride	<0.040		0.10	0.040	mg/L			03/18/24 18:30	1
Sulfate	0.66 J		1.0	0.40	mg/L			03/18/24 18:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		03/07/24 07:33	03/07/24 19:37	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		03/07/24 07:33	03/07/24 19:37	1
Barium	0.019		0.010	0.00089	mg/L		03/07/24 07:33	03/07/24 19:37	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		03/07/24 07:33	03/07/24 19:37	1
Boron	<0.022		0.080	0.022	mg/L		03/07/24 07:33	03/07/24 19:37	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		03/07/24 07:33	03/07/24 19:37	1
Calcium	14		0.50	0.14	mg/L		03/07/24 07:33	03/07/24 19:37	1
Chromium	0.0060		0.0020	0.0012	mg/L		03/07/24 07:33	03/07/24 19:37	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		03/07/24 07:33	03/07/24 19:37	1
Copper	<0.0011		0.0020	0.0011	mg/L		03/07/24 07:33	03/07/24 19:37	1
Lead	0.00043 J		0.0010	0.00021	mg/L		03/07/24 07:33	03/07/24 19:37	1
Magnesium	7.2		0.50	0.023	mg/L		03/07/24 07:33	03/07/24 19:37	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-247613-1

Client Sample ID: SCH-GWA-49

Lab Sample ID: 680-247613-15

Date Collected: 03/04/24 14:43

Matrix: Water

Date Received: 03/06/24 10:17

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	<0.00042		0.0010	0.00042	mg/L		03/07/24 07:33	03/07/24 19:37	1
Potassium	0.72		0.50	0.044	mg/L		03/07/24 07:33	03/07/24 19:37	1
Selenium	<0.00099		0.0050	0.00099	mg/L		03/07/24 07:33	03/07/24 19:37	1
Silver	<0.00039		0.0010	0.00039	mg/L		03/07/24 07:33	03/07/24 19:37	1
Sodium	5.9		0.50	0.20	mg/L		03/07/24 07:33	03/07/24 19:37	1
Thallium	<0.00026		0.0010	0.00026	mg/L		03/07/24 07:33	03/07/24 19:37	1
Vanadium	0.018		0.0020	0.00063	mg/L		03/07/24 07:33	03/07/24 19:37	1
Zinc	<0.0028		0.0050	0.0028	mg/L		03/07/24 07:33	03/07/24 19:37	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/13/24 11:18	03/13/24 16:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	78		5.0	2.2	mg/L			03/12/24 18:20	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	78		5.0	5.0	mg/L			03/12/24 18:20	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			03/12/24 18:20	1
Total Dissolved Solids (SM 2540C-2011)	110		10	10	mg/L			03/11/24 09:16	1

Client Sample ID: SCH-GWC-29

Lab Sample ID: 680-247613-16

Date Collected: 03/04/24 15:40

Matrix: Water

Date Received: 03/06/24 10:17

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.4		1.0	0.20	mg/L			03/18/24 18:37	1
Fluoride	<0.040		0.10	0.040	mg/L			03/18/24 18:37	1
Sulfate	2.1		1.0	0.40	mg/L			03/18/24 18:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		03/07/24 07:33	03/07/24 19:23	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		03/07/24 07:33	03/07/24 19:23	1
Barium	0.025		0.010	0.00089	mg/L		03/07/24 07:33	03/07/24 19:23	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		03/07/24 07:33	03/07/24 19:23	1
Boron	<0.022		0.080	0.022	mg/L		03/07/24 07:33	03/07/24 19:23	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		03/07/24 07:33	03/07/24 19:23	1
Calcium	18		0.50	0.14	mg/L		03/07/24 07:33	03/07/24 19:23	1
Chromium	0.0012 J		0.0020	0.0012	mg/L		03/07/24 07:33	03/07/24 19:23	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		03/07/24 07:33	03/07/24 19:23	1
Copper	<0.0011		0.0020	0.0011	mg/L		03/07/24 07:33	03/07/24 19:23	1
Lead	<0.00021		0.0010	0.00021	mg/L		03/07/24 07:33	03/07/24 19:23	1
Magnesium	11		0.50	0.023	mg/L		03/07/24 07:33	03/07/24 19:23	1
Nickel	0.0028		0.0010	0.00042	mg/L		03/07/24 07:33	03/07/24 19:23	1
Potassium	0.59		0.50	0.044	mg/L		03/07/24 07:33	03/07/24 19:23	1
Selenium	<0.00099		0.0050	0.00099	mg/L		03/07/24 07:33	03/07/24 19:23	1
Silver	<0.00039		0.0010	0.00039	mg/L		03/07/24 07:33	03/07/24 19:23	1

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Client Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-247613-1

Client Sample ID: SCH-GWC-29

Lab Sample ID: 680-247613-16

Date Collected: 03/04/24 15:40

Matrix: Water

Date Received: 03/06/24 10:17

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	5.5		0.50	0.20	mg/L		03/07/24 07:33	03/07/24 19:23	1
Thallium	<0.00026		0.0010	0.00026	mg/L		03/07/24 07:33	03/07/24 19:23	1
Vanadium	0.0045		0.0020	0.00063	mg/L		03/07/24 07:33	03/07/24 19:23	1
Zinc	<0.0028		0.0050	0.0028	mg/L		03/07/24 07:33	03/07/24 19:23	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/13/24 11:18	03/13/24 16:54	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	93		5.0	2.2	mg/L			03/12/24 17:55	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	93		5.0	5.0	mg/L			03/12/24 17:55	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			03/12/24 17:55	1
Total Dissolved Solids (SM 2540C-2011)	110		10	10	mg/L			03/11/24 09:16	1

QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-247613-1

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

Lab Sample ID: MB 680-828129/43
Matrix: Water
Analysis Batch: 828129

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

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Chloride	<0.20		1.0	0.20	mg/L			03/18/24 16:01	1
Fluoride	<0.040		0.10	0.040	mg/L			03/18/24 16:01	1
Sulfate	<0.40		1.0	0.40	mg/L			03/18/24 16:01	1

Lab Sample ID: LCS 680-828129/44
Matrix: Water
Analysis Batch: 828129

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

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Chloride	10.0	10.0		mg/L		100	90 - 110
Fluoride	2.00	2.14		mg/L		107	90 - 110
Sulfate	10.0	9.51		mg/L		95	90 - 110

Lab Sample ID: LCSD 680-828129/45
Matrix: Water
Analysis Batch: 828129

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

Analyte	Spike Added	LCSD LCSD		Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
		Result	Qualifier						
Chloride	10.0	9.97		mg/L		100	90 - 110	0	15
Fluoride	2.00	2.13		mg/L		106	90 - 110	0	15
Sulfate	10.0	9.48		mg/L		95	90 - 110	0	15

Lab Sample ID: 680-247613-14 MS
Matrix: Water
Analysis Batch: 828129

Client Sample ID: SCH-GWC-50
Prep Type: Total/NA

Analyte	Sample Sample		Spike Added	MS MS		Unit	D	%Rec	%Rec Limits
	Result	Qualifier		Result	Qualifier				
Chloride	1.9		10.0	11.9		mg/L		101	80 - 120
Fluoride	<0.040		2.00	2.04		mg/L		102	80 - 120
Sulfate	<0.40		10.0	9.75		mg/L		98	80 - 120

Lab Sample ID: 680-247613-14 MSD
Matrix: Water
Analysis Batch: 828129

Client Sample ID: SCH-GWC-50
Prep Type: Total/NA

Analyte	Sample Sample		Spike Added	MSD MSD		Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
	Result	Qualifier		Result	Qualifier						
Chloride	1.9		10.0	11.9		mg/L		100	80 - 120	0	15
Fluoride	<0.040		2.00	2.03		mg/L		101	80 - 120	0	15
Sulfate	<0.40		10.0	9.71		mg/L		97	80 - 120	0	15

Lab Sample ID: MB 680-828220/73
Matrix: Water
Analysis Batch: 828220

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

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Chloride	<0.20		1.0	0.20	mg/L			03/18/24 19:29	1
Fluoride	<0.040		0.10	0.040	mg/L			03/18/24 19:29	1
Sulfate	<0.40		1.0	0.40	mg/L			03/18/24 19:29	1

QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-247613-1

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

Lab Sample ID: LCS 680-828220/74
Matrix: Water
Analysis Batch: 828220

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Chloride	10.0	10.1		mg/L		101	90 - 110	
Fluoride	2.00	2.18		mg/L		109	90 - 110	
Sulfate	10.0	9.60		mg/L		96	90 - 110	

Lab Sample ID: LCSD 680-828220/75
Matrix: Water
Analysis Batch: 828220

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits		RPD	Limit
Chloride	10.0	10.0		mg/L		100	90 - 110	0	15	
Fluoride	2.00	2.14		mg/L		107	90 - 110	2	15	
Sulfate	10.0	9.59		mg/L		96	90 - 110	0	15	

Lab Sample ID: 680-247639-E-7 MS
Matrix: Water
Analysis Batch: 828220

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	
Chloride	13		10.0	22.8		mg/L		101	80 - 120	
Fluoride	<0.040		2.00	2.03		mg/L		102	80 - 120	
Sulfate	1.4		10.0	10.8		mg/L		94	80 - 120	

Lab Sample ID: 680-247639-E-7 MSD
Matrix: Water
Analysis Batch: 828220

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits		RPD	Limit
Chloride	13		10.0	22.9		mg/L		102	80 - 120	0	15	
Fluoride	<0.040		2.00	2.04		mg/L		102	80 - 120	0	15	
Sulfate	1.4		10.0	10.9		mg/L		95	80 - 120	1	15	

Lab Sample ID: MB 680-828229/2
Matrix: Water
Analysis Batch: 828229

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed		Dil Fac
Chloride	<0.20		1.0	0.20	mg/L			03/19/24	10:43	1
Fluoride	<0.040		0.10	0.040	mg/L			03/19/24	10:43	1
Sulfate	<0.40		1.0	0.40	mg/L			03/19/24	10:43	1

Lab Sample ID: LCS 680-828229/4
Matrix: Water
Analysis Batch: 828229

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Chloride	10.0	10.4		mg/L		104	90 - 110	
Sulfate	10.0	9.87		mg/L		99	90 - 110	

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-247613-1

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

Lab Sample ID: LCSD 680-828229/5
Matrix: Water
Analysis Batch: 828229

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	10.3		mg/L		103	90 - 110	0	15
Fluoride	2.00	2.20		mg/L		110	90 - 110	0	15
Sulfate	10.0	9.88		mg/L		99	90 - 110	0	15

Lab Sample ID: 680-247563-C-3 MS
Matrix: Water
Analysis Batch: 828229

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1.5		10.0	11.8		mg/L		102	80 - 120		
Fluoride	0.40	*+	2.00	2.56		mg/L		108	80 - 120		
Sulfate	2.2		10.0	11.9		mg/L		97	80 - 120		

Lab Sample ID: 680-247563-C-3 MSD
Matrix: Water
Analysis Batch: 828229

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1.5		10.0	11.8		mg/L		103	80 - 120	0	15
Fluoride	0.40	*+	2.00	2.56		mg/L		108	80 - 120	0	15
Sulfate	2.2		10.0	12.0		mg/L		98	80 - 120	1	15

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 680-826197/1-A
Matrix: Water
Analysis Batch: 826421

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 826197

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		03/07/24 07:33	03/07/24 18:26	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		03/07/24 07:33	03/07/24 18:26	1
Barium	<0.00089		0.010	0.00089	mg/L		03/07/24 07:33	03/07/24 18:26	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		03/07/24 07:33	03/07/24 18:26	1
Boron	<0.022		0.080	0.022	mg/L		03/07/24 07:33	03/07/24 18:26	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		03/07/24 07:33	03/07/24 18:26	1
Calcium	<0.14		0.50	0.14	mg/L		03/07/24 07:33	03/07/24 18:26	1
Chromium	<0.0012		0.0020	0.0012	mg/L		03/07/24 07:33	03/07/24 18:26	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		03/07/24 07:33	03/07/24 18:26	1
Copper	<0.0011		0.0020	0.0011	mg/L		03/07/24 07:33	03/07/24 18:26	1
Lead	<0.00021		0.0010	0.00021	mg/L		03/07/24 07:33	03/07/24 18:26	1
Magnesium	<0.023		0.50	0.023	mg/L		03/07/24 07:33	03/07/24 18:26	1
Nickel	<0.00042		0.0010	0.00042	mg/L		03/07/24 07:33	03/07/24 18:26	1
Potassium	<0.044		0.50	0.044	mg/L		03/07/24 07:33	03/07/24 18:26	1
Selenium	<0.00099		0.0050	0.00099	mg/L		03/07/24 07:33	03/07/24 18:26	1
Silver	<0.00039		0.0010	0.00039	mg/L		03/07/24 07:33	03/07/24 18:26	1
Sodium	<0.20		0.50	0.20	mg/L		03/07/24 07:33	03/07/24 18:26	1
Thallium	<0.00026		0.0010	0.00026	mg/L		03/07/24 07:33	03/07/24 18:26	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		03/07/24 07:33	03/07/24 18:26	1
Zinc	<0.0028		0.0050	0.0028	mg/L		03/07/24 07:33	03/07/24 18:26	1

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QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-247613-1

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

Lab Sample ID: LCS 680-826197/2-A
Matrix: Water
Analysis Batch: 826421

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 826197

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0496		mg/L		99	80 - 120
Arsenic	0.100	0.0972		mg/L		97	80 - 120
Barium	0.100	0.104		mg/L		104	80 - 120
Beryllium	0.0500	0.0516		mg/L		103	80 - 120
Boron	0.400	0.364		mg/L		91	80 - 120
Cadmium	0.0500	0.0521		mg/L		104	80 - 120
Calcium	5.00	5.31		mg/L		106	80 - 120
Chromium	0.100	0.109		mg/L		109	80 - 120
Cobalt	0.0500	0.0550		mg/L		110	80 - 120
Copper	0.101	0.113		mg/L		112	80 - 120
Lead	0.500	0.495		mg/L		99	80 - 120
Magnesium	5.00	5.18		mg/L		104	80 - 120
Nickel	0.100	0.104		mg/L		104	80 - 120
Potassium	7.00	7.25		mg/L		104	80 - 120
Selenium	0.100	0.0963		mg/L		96	80 - 120
Silver	0.0500	0.0531		mg/L		106	80 - 120
Sodium	5.03	5.06		mg/L		101	80 - 120
Thallium	0.0500	0.0539		mg/L		108	80 - 120
Vanadium	0.100	0.105		mg/L		105	80 - 120
Zinc	0.0505	0.0512		mg/L		101	80 - 120

Lab Sample ID: 680-247545-I-1-E MS
Matrix: Water
Analysis Batch: 826421

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 826197

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.00034		0.0500	0.0499		mg/L		100	75 - 125
Arsenic	0.0017		0.100	0.0991		mg/L		97	75 - 125
Barium	0.21		0.100	0.309		mg/L		99	75 - 125
Beryllium	0.00038	J	0.0500	0.0525		mg/L		104	75 - 125
Boron	<0.022		0.400	0.385		mg/L		96	75 - 125
Cadmium	<0.000078		0.0500	0.0530		mg/L		106	75 - 125
Calcium	39		5.00	44.4	4	mg/L		110	75 - 125
Chromium	<0.0012		0.100	0.107		mg/L		106	75 - 125
Cobalt	0.12		0.0500	0.170		mg/L		98	75 - 125
Copper	0.0024		0.101	0.114		mg/L		111	75 - 125
Lead	<0.00021		0.500	0.507		mg/L		101	75 - 125
Magnesium	25		5.00	31.2	4	mg/L		120	75 - 125
Nickel	0.011		0.100	0.114		mg/L		103	75 - 125
Potassium	4.5		7.00	11.9		mg/L		106	75 - 125
Selenium	<0.00099		0.100	0.0969		mg/L		97	75 - 125
Silver	<0.00039		0.0500	0.0532		mg/L		106	75 - 125
Sodium	6.4		5.03	12.1		mg/L		114	75 - 125
Thallium	<0.00026		0.0500	0.0554		mg/L		111	75 - 125
Vanadium	0.00098	J	0.100	0.104		mg/L		103	75 - 125
Zinc	0.0040	J	0.0505	0.0627		mg/L		116	75 - 125

QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-247613-1

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

Lab Sample ID: 680-247545-I-1-F MSD
Matrix: Water
Analysis Batch: 826421

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 826197

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		Limit
Antimony	<0.00034		0.0500	0.0489		mg/L		98	75 - 125	2	20
Arsenic	0.0017		0.100	0.0968		mg/L		95	75 - 125	2	20
Barium	0.21		0.100	0.301		mg/L		91	75 - 125	3	20
Beryllium	0.00038	J	0.0500	0.0523		mg/L		104	75 - 125	0	20
Boron	<0.022		0.400	0.383		mg/L		96	75 - 125	0	20
Cadmium	<0.000078		0.0500	0.0512		mg/L		102	75 - 125	3	20
Calcium	39		5.00	43.9	4	mg/L		100	75 - 125	1	20
Chromium	<0.0012		0.100	0.104		mg/L		103	75 - 125	3	20
Cobalt	0.12		0.0500	0.167		mg/L		92	75 - 125	2	20
Copper	0.0024		0.101	0.110		mg/L		106	75 - 125	4	20
Lead	<0.00021		0.500	0.488		mg/L		98	75 - 125	4	20
Magnesium	25		5.00	31.3	4	mg/L		120	75 - 125	0	20
Nickel	0.011		0.100	0.112		mg/L		102	75 - 125	2	20
Potassium	4.5		7.00	11.7		mg/L		103	75 - 125	2	20
Selenium	<0.00099		0.100	0.0950		mg/L		95	75 - 125	2	20
Silver	<0.00039		0.0500	0.0523		mg/L		105	75 - 125	2	20
Sodium	6.4		5.03	11.9		mg/L		110	75 - 125	2	20
Thallium	<0.00026		0.0500	0.0537		mg/L		107	75 - 125	3	20
Vanadium	0.00098	J	0.100	0.103		mg/L		102	75 - 125	1	20
Zinc	0.0040	J	0.0505	0.0559		mg/L		103	75 - 125	12	20

Lab Sample ID: MB 680-826198/1-A
Matrix: Water
Analysis Batch: 826421

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 826198

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
	Result	Qualifier								
Antimony	<0.00034		0.0020	0.00034	mg/L		03/07/24 07:43	03/07/24 16:43	1	
Arsenic	<0.00086		0.0010	0.00086	mg/L		03/07/24 07:43	03/07/24 16:43	1	
Barium	<0.00089		0.010	0.00089	mg/L		03/07/24 07:43	03/07/24 16:43	1	
Beryllium	<0.00020		0.0025	0.00020	mg/L		03/07/24 07:43	03/07/24 16:43	1	
Boron	<0.022		0.080	0.022	mg/L		03/07/24 07:43	03/07/24 16:43	1	
Cadmium	<0.000078		0.0025	0.000078	mg/L		03/07/24 07:43	03/07/24 16:43	1	
Calcium	<0.14		0.50	0.14	mg/L		03/07/24 07:43	03/07/24 16:43	1	
Chromium	<0.0012		0.0020	0.0012	mg/L		03/07/24 07:43	03/07/24 16:43	1	
Cobalt	<0.00022		0.0025	0.00022	mg/L		03/07/24 07:43	03/07/24 16:43	1	
Copper	<0.0011		0.0020	0.0011	mg/L		03/07/24 07:43	03/07/24 16:43	1	
Lead	<0.00021		0.0010	0.00021	mg/L		03/07/24 07:43	03/07/24 16:43	1	
Magnesium	<0.023		0.50	0.023	mg/L		03/07/24 07:43	03/07/24 16:43	1	
Nickel	<0.00042		0.0010	0.00042	mg/L		03/07/24 07:43	03/07/24 16:43	1	
Potassium	<0.044		0.50	0.044	mg/L		03/07/24 07:43	03/07/24 16:43	1	
Selenium	<0.00099		0.0050	0.00099	mg/L		03/07/24 07:43	03/07/24 16:43	1	
Silver	<0.00039		0.0010	0.00039	mg/L		03/07/24 07:43	03/07/24 16:43	1	
Sodium	<0.20		0.50	0.20	mg/L		03/07/24 07:43	03/07/24 16:43	1	
Thallium	<0.00026		0.0010	0.00026	mg/L		03/07/24 07:43	03/07/24 16:43	1	
Vanadium	<0.00063		0.0020	0.00063	mg/L		03/07/24 07:43	03/07/24 16:43	1	
Zinc	<0.0028		0.0050	0.0028	mg/L		03/07/24 07:43	03/07/24 16:43	1	

QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-247613-1

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

Lab Sample ID: LCS 680-826198/2-A
Matrix: Water
Analysis Batch: 826421

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 826198

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0480		mg/L		96	80 - 120
Arsenic	0.100	0.0933		mg/L		93	80 - 120
Barium	0.100	0.0993		mg/L		99	80 - 120
Beryllium	0.0500	0.0485		mg/L		97	80 - 120
Boron	0.400	0.342		mg/L		86	80 - 120
Cadmium	0.0500	0.0501		mg/L		100	80 - 120
Calcium	5.00	5.11		mg/L		102	80 - 120
Chromium	0.100	0.102		mg/L		102	80 - 120
Cobalt	0.0500	0.0518		mg/L		104	80 - 120
Copper	0.101	0.107		mg/L		106	80 - 120
Lead	0.500	0.472		mg/L		94	80 - 120
Magnesium	5.00	4.97		mg/L		99	80 - 120
Nickel	0.100	0.101		mg/L		101	80 - 120
Potassium	7.00	7.07		mg/L		101	80 - 120
Selenium	0.100	0.0901		mg/L		90	80 - 120
Silver	0.0500	0.0518		mg/L		104	80 - 120
Sodium	5.03	4.84		mg/L		96	80 - 120
Thallium	0.0500	0.0511		mg/L		102	80 - 120
Vanadium	0.100	0.101		mg/L		101	80 - 120
Zinc	0.0505	0.0484		mg/L		96	80 - 120

Lab Sample ID: 680-247613-11 MS
Matrix: Water
Analysis Batch: 826421

Client Sample ID: SCH-GWA-48
Prep Type: Total Recoverable
Prep Batch: 826198

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.00034		0.0500	0.0491		mg/L		98	75 - 125
Arsenic	<0.00086		0.100	0.0954		mg/L		95	75 - 125
Barium	0.015		0.100	0.116		mg/L		101	75 - 125
Beryllium	<0.00020		0.0500	0.0500		mg/L		100	75 - 125
Boron	<0.022		0.400	0.371		mg/L		93	75 - 125
Cadmium	<0.000078		0.0500	0.0508		mg/L		102	75 - 125
Calcium	13		5.00	17.8		mg/L		97	75 - 125
Chromium	0.0063		0.100	0.110		mg/L		103	75 - 125
Cobalt	<0.00022		0.0500	0.0518		mg/L		104	75 - 125
Copper	<0.0011		0.101	0.109		mg/L		108	75 - 125
Lead	<0.00021		0.500	0.488		mg/L		98	75 - 125
Magnesium	5.7		5.00	10.6		mg/L		96	75 - 125
Nickel	<0.00042		0.100	0.100		mg/L		100	75 - 125
Potassium	0.91		7.00	8.34		mg/L		106	75 - 125
Selenium	<0.00099		0.100	0.0929		mg/L		93	75 - 125
Silver	<0.00039		0.0500	0.0516		mg/L		103	75 - 125
Sodium	5.8		5.03	10.7		mg/L		97	75 - 125
Thallium	<0.00026		0.0500	0.0526		mg/L		105	75 - 125
Vanadium	0.018		0.100	0.117		mg/L		99	75 - 125
Zinc	<0.0028		0.0505	0.0495		mg/L		98	75 - 125

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-247613-1

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

Lab Sample ID: 680-247613-11 MSD

Matrix: Water

Analysis Batch: 826421

Client Sample ID: SCH-GWA-48

Prep Type: Total Recoverable

Prep Batch: 826198

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		Limit
Antimony	<0.00034		0.0500	0.0496		mg/L		99	75 - 125	1	20
Arsenic	<0.00086		0.100	0.0964		mg/L		96	75 - 125	1	20
Barium	0.015		0.100	0.117		mg/L		102	75 - 125	1	20
Beryllium	<0.00020		0.0500	0.0522		mg/L		104	75 - 125	4	20
Boron	<0.022		0.400	0.398		mg/L		100	75 - 125	7	20
Cadmium	<0.000078		0.0500	0.0528		mg/L		106	75 - 125	4	20
Calcium	13		5.00	17.9		mg/L		99	75 - 125	1	20
Chromium	0.0063		0.100	0.113		mg/L		106	75 - 125	3	20
Cobalt	<0.00022		0.0500	0.0549		mg/L		110	75 - 125	6	20
Copper	<0.0011		0.101	0.114		mg/L		113	75 - 125	4	20
Lead	<0.00021		0.500	0.500		mg/L		100	75 - 125	3	20
Magnesium	5.7		5.00	10.9		mg/L		103	75 - 125	3	20
Nickel	<0.00042		0.100	0.106		mg/L		106	75 - 125	6	20
Potassium	0.91		7.00	8.34		mg/L		106	75 - 125	0	20
Selenium	<0.00099		0.100	0.0967		mg/L		97	75 - 125	4	20
Silver	<0.00039		0.0500	0.0533		mg/L		107	75 - 125	3	20
Sodium	5.8		5.03	10.8		mg/L		99	75 - 125	1	20
Thallium	<0.00026		0.0500	0.0549		mg/L		110	75 - 125	4	20
Vanadium	0.018		0.100	0.120		mg/L		102	75 - 125	3	20
Zinc	<0.0028		0.0505	0.0498		mg/L		99	75 - 125	0	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 680-826752/1-A

Matrix: Water

Analysis Batch: 827074

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 826752

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	<0.000080		0.00020	0.000080	mg/L		03/10/24 15:01	03/11/24 16:15	1

Lab Sample ID: LCS 680-826752/2-A

Matrix: Water

Analysis Batch: 827074

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 826752

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec
		Result	Qualifier				Limits
Mercury	0.00250	0.00228		mg/L		91	80 - 120

Lab Sample ID: 680-247656-A-3-G MS

Matrix: Water

Analysis Batch: 827074

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 826752

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec
	Result	Qualifier	Added	Result	Qualifier				Limits
Mercury	<0.000080		0.00100	0.000928		mg/L		93	80 - 120

Lab Sample ID: 680-247656-A-3-H MSD

Matrix: Water

Analysis Batch: 827074

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 826752

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD	Limit
Mercury	<0.000080		0.00100	0.000926		mg/L		93	80 - 120	0	20

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QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-247613-1

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 680-827309/1-A
 Matrix: Water
 Analysis Batch: 827594

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 827309

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/13/24 11:18	03/13/24 16:04	1

Method: 2320B-2011 - Alkalinity, Total

Lab Sample ID: MB 680-827052/4
 Matrix: Water
 Analysis Batch: 827052

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<2.2		5.0	2.2	mg/L			03/08/24 11:06	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			03/08/24 11:06	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			03/08/24 11:06	1

Lab Sample ID: LCS 680-827052/6
 Matrix: Water
 Analysis Batch: 827052

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3 to pH 4.5	250	249		mg/L		100	90 - 112

Lab Sample ID: LCSD 680-827052/31
 Matrix: Water
 Analysis Batch: 827052

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	250	252		mg/L		101	90 - 112	1	30

Lab Sample ID: 680-247591-I-1 DU
 Matrix: Water
 Analysis Batch: 827052

Client Sample ID: Duplicate
 Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	240		237		mg/L		3	30
Bicarbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	30
Carbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	30

Lab Sample ID: MB 680-827059/4
 Matrix: Water
 Analysis Batch: 827059

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<2.2		5.0	2.2	mg/L			03/08/24 16:43	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			03/08/24 16:43	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			03/08/24 16:43	1

QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-247613-1

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

Lab Sample ID: LCS 680-827059/6
Matrix: Water
Analysis Batch: 827059

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

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

Lab Sample ID: LCSD 680-827059/31
Matrix: Water
Analysis Batch: 827059

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	250	251		mg/L		101	90 - 112	1	30

Lab Sample ID: 680-247613-5 DU
Matrix: Water
Analysis Batch: 827059

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

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	2.8	J	<2.2		mg/L		NC	30
Bicarbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	30
Carbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	30

Lab Sample ID: MB 680-827255/4
Matrix: Water
Analysis Batch: 827255

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<2.2		5.0	2.2	mg/L			03/12/24 17:13	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			03/12/24 17:13	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			03/12/24 17:13	1

Lab Sample ID: LCS 680-827255/6
Matrix: Water
Analysis Batch: 827255

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

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

Lab Sample ID: LCSD 680-827255/20
Matrix: Water
Analysis Batch: 827255

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	250	250		mg/L		100	90 - 112	0	30

QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-247613-1

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

Lab Sample ID: 680-247613-13 DU
 Matrix: Water
 Analysis Batch: 827255

Client Sample ID: SCH-PAC-FD-8
 Prep Type: Total/NA

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Total Alkalinity as CaCO3 to pH 4.5	45		43.5		mg/L		4	30
Bicarbonate Alkalinity as CaCO3	45		43.5		mg/L		4	30
Carbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	30

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

Lab Sample ID: MB 680-826534/1
 Matrix: Water
 Analysis Batch: 826534

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Total Dissolved Solids	<10		10	10	mg/L			03/08/24 11:37	1

Lab Sample ID: LCS 680-826534/2
 Matrix: Water
 Analysis Batch: 826534

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

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Total Dissolved Solids	2410	2440		mg/L		101	80 - 120

Lab Sample ID: LCSD 680-826534/3
 Matrix: Water
 Analysis Batch: 826534

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

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec Limits	RPD	Limit
		Result	Qualifier						
Total Dissolved Solids	2410	2440		mg/L		101	80 - 120	0	25

Lab Sample ID: 680-247500-A-5 DU
 Matrix: Water
 Analysis Batch: 826534

Client Sample ID: Duplicate
 Prep Type: Total/NA

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Total Dissolved Solids	240		248		mg/L		5	5

Lab Sample ID: 680-247500-A-6 DU
 Matrix: Water
 Analysis Batch: 826534

Client Sample ID: Duplicate
 Prep Type: Total/NA

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Total Dissolved Solids	200		194		mg/L		5	5

Lab Sample ID: MB 680-826824/1
 Matrix: Water
 Analysis Batch: 826824

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Total Dissolved Solids	<10		10	10	mg/L			03/11/24 09:16	1

QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-247613-1

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

Lab Sample ID: LCS 680-826824/2

Matrix: Water

Analysis Batch: 826824

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	2410	2460		mg/L		102	80 - 120

Lab Sample ID: LCSD 680-826824/3

Matrix: Water

Analysis Batch: 826824

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids	2410	2440		mg/L		101	80 - 120	1	25

Lab Sample ID: 680-247671-B-3 DU

Matrix: Water

Analysis Batch: 826824

Client Sample ID: Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	16000		16500		mg/L		4	5

Lab Sample ID: 680-247671-B-4 DU

Matrix: Water

Analysis Batch: 826824

Client Sample ID: Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	18000		17600		mg/L		0	5

QC Association Summary

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-247613-1

HPLC/IC

Analysis Batch: 828129

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247613-1	SCH-PAC-EB-8	Total/NA	Water	300.0-1993 R2.1	
680-247613-2	SCH-GWA-46	Total/NA	Water	300.0-1993 R2.1	
680-247613-4	SCH-GWA-22	Total/NA	Water	300.0-1993 R2.1	
680-247613-5	SCH-PAC-FB-7	Total/NA	Water	300.0-1993 R2.1	
680-247613-6	SCH-GWA-47	Total/NA	Water	300.0-1993 R2.1	
680-247613-8	SCH-PAC-FD-7	Total/NA	Water	300.0-1993 R2.1	
680-247613-9	SCH-PAC-FB-8	Total/NA	Water	300.0-1993 R2.1	
680-247613-10	SCH-GWC-51	Total/NA	Water	300.0-1993 R2.1	
680-247613-11	SCH-GWA-48	Total/NA	Water	300.0-1993 R2.1	
680-247613-13	SCH-PAC-FD-8	Total/NA	Water	300.0-1993 R2.1	
680-247613-14	SCH-GWC-50	Total/NA	Water	300.0-1993 R2.1	
680-247613-15	SCH-GWA-49	Total/NA	Water	300.0-1993 R2.1	
680-247613-16	SCH-GWC-29	Total/NA	Water	300.0-1993 R2.1	
MB 680-828129/43	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-828129/44	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-828129/45	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
680-247613-14 MS	SCH-GWC-50	Total/NA	Water	300.0-1993 R2.1	
680-247613-14 MSD	SCH-GWC-50	Total/NA	Water	300.0-1993 R2.1	

Analysis Batch: 828220

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247613-3	SCH-GWA-45	Total/NA	Water	300.0-1993 R2.1	
680-247613-7	SCH-GWC-53	Total/NA	Water	300.0-1993 R2.1	
680-247613-12	SCH-GWC-52	Total/NA	Water	300.0-1993 R2.1	
MB 680-828220/73	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-828220/74	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-828220/75	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
680-247639-E-7 MS	Matrix Spike	Total/NA	Water	300.0-1993 R2.1	
680-247639-E-7 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0-1993 R2.1	

Analysis Batch: 828229

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247613-8	SCH-PAC-FD-7	Total/NA	Water	300.0-1993 R2.1	
680-247613-13	SCH-PAC-FD-8	Total/NA	Water	300.0-1993 R2.1	
MB 680-828229/2	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-828229/4	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-828229/5	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
680-247563-C-3 MS	Matrix Spike	Total/NA	Water	300.0-1993 R2.1	
680-247563-C-3 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0-1993 R2.1	

Metals

Prep Batch: 826197

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247613-1	SCH-PAC-EB-8	Total Recoverable	Water	3005A	
680-247613-2	SCH-GWA-46	Total Recoverable	Water	3005A	
680-247613-3	SCH-GWA-45	Total Recoverable	Water	3005A	
680-247613-4	SCH-GWA-22	Total Recoverable	Water	3005A	
680-247613-13	SCH-PAC-FD-8	Total Recoverable	Water	3005A	
680-247613-14	SCH-GWC-50	Total Recoverable	Water	3005A	
680-247613-15	SCH-GWA-49	Total Recoverable	Water	3005A	

QC Association Summary

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-247613-1

Metals (Continued)

Prep Batch: 826197 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247613-16	SCH-GWC-29	Total Recoverable	Water	3005A	
MB 680-826197/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-826197/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
680-247545-I-1-E MS	Matrix Spike	Total Recoverable	Water	3005A	
680-247545-I-1-F MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Prep Batch: 826198

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247613-5	SCH-PAC-FB-7	Total Recoverable	Water	3005A	
680-247613-6	SCH-GWA-47	Total Recoverable	Water	3005A	
680-247613-7	SCH-GWC-53	Total Recoverable	Water	3005A	
680-247613-8	SCH-PAC-FD-7	Total Recoverable	Water	3005A	
680-247613-9	SCH-PAC-FB-8	Total Recoverable	Water	3005A	
680-247613-10	SCH-GWC-51	Total Recoverable	Water	3005A	
680-247613-11	SCH-GWA-48	Total Recoverable	Water	3005A	
680-247613-12	SCH-GWC-52	Total Recoverable	Water	3005A	
MB 680-826198/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-826198/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
680-247613-11 MS	SCH-GWA-48	Total Recoverable	Water	3005A	
680-247613-11 MSD	SCH-GWA-48	Total Recoverable	Water	3005A	

Analysis Batch: 826421

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247613-1	SCH-PAC-EB-8	Total Recoverable	Water	6020B	826197
680-247613-2	SCH-GWA-46	Total Recoverable	Water	6020B	826197
680-247613-3	SCH-GWA-45	Total Recoverable	Water	6020B	826197
680-247613-4	SCH-GWA-22	Total Recoverable	Water	6020B	826197
680-247613-5	SCH-PAC-FB-7	Total Recoverable	Water	6020B	826198
680-247613-6	SCH-GWA-47	Total Recoverable	Water	6020B	826198
680-247613-7	SCH-GWC-53	Total Recoverable	Water	6020B	826198
680-247613-8	SCH-PAC-FD-7	Total Recoverable	Water	6020B	826198
680-247613-9	SCH-PAC-FB-8	Total Recoverable	Water	6020B	826198
680-247613-10	SCH-GWC-51	Total Recoverable	Water	6020B	826198
680-247613-11	SCH-GWA-48	Total Recoverable	Water	6020B	826198
680-247613-12	SCH-GWC-52	Total Recoverable	Water	6020B	826198
680-247613-13	SCH-PAC-FD-8	Total Recoverable	Water	6020B	826197
680-247613-14	SCH-GWC-50	Total Recoverable	Water	6020B	826197
680-247613-15	SCH-GWA-49	Total Recoverable	Water	6020B	826197
680-247613-16	SCH-GWC-29	Total Recoverable	Water	6020B	826197
MB 680-826197/1-A	Method Blank	Total Recoverable	Water	6020B	826197
MB 680-826198/1-A	Method Blank	Total Recoverable	Water	6020B	826198
LCS 680-826197/2-A	Lab Control Sample	Total Recoverable	Water	6020B	826197
LCS 680-826198/2-A	Lab Control Sample	Total Recoverable	Water	6020B	826198
680-247545-I-1-E MS	Matrix Spike	Total Recoverable	Water	6020B	826197
680-247545-I-1-F MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	826197
680-247613-11 MS	SCH-GWA-48	Total Recoverable	Water	6020B	826198
680-247613-11 MSD	SCH-GWA-48	Total Recoverable	Water	6020B	826198

Prep Batch: 826752

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247613-1	SCH-PAC-EB-8	Total/NA	Water	7470A	

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QC Association Summary

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-247613-1

Metals (Continued)

Prep Batch: 826752 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247613-2	SCH-GWA-46	Total/NA	Water	7470A	
680-247613-3	SCH-GWA-45	Total/NA	Water	7470A	
680-247613-4	SCH-GWA-22	Total/NA	Water	7470A	
680-247613-5	SCH-PAC-FB-7	Total/NA	Water	7470A	
680-247613-6	SCH-GWA-47	Total/NA	Water	7470A	
680-247613-7	SCH-GWC-53	Total/NA	Water	7470A	
680-247613-8	SCH-PAC-FD-7	Total/NA	Water	7470A	
MB 680-826752/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-826752/2-A	Lab Control Sample	Total/NA	Water	7470A	
680-247656-A-3-G MS	Matrix Spike	Total/NA	Water	7470A	
680-247656-A-3-H MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 827074

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247613-1	SCH-PAC-EB-8	Total/NA	Water	7470A	826752
680-247613-2	SCH-GWA-46	Total/NA	Water	7470A	826752
680-247613-3	SCH-GWA-45	Total/NA	Water	7470A	826752
680-247613-4	SCH-GWA-22	Total/NA	Water	7470A	826752
680-247613-5	SCH-PAC-FB-7	Total/NA	Water	7470A	826752
680-247613-6	SCH-GWA-47	Total/NA	Water	7470A	826752
680-247613-7	SCH-GWC-53	Total/NA	Water	7470A	826752
680-247613-8	SCH-PAC-FD-7	Total/NA	Water	7470A	826752
MB 680-826752/1-A	Method Blank	Total/NA	Water	7470A	826752
LCS 680-826752/2-A	Lab Control Sample	Total/NA	Water	7470A	826752
680-247656-A-3-G MS	Matrix Spike	Total/NA	Water	7470A	826752
680-247656-A-3-H MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	826752

Prep Batch: 827309

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247613-9	SCH-PAC-FB-8	Total/NA	Water	7470A	
680-247613-10	SCH-GWC-51	Total/NA	Water	7470A	
680-247613-11	SCH-GWA-48	Total/NA	Water	7470A	
680-247613-12	SCH-GWC-52	Total/NA	Water	7470A	
680-247613-13	SCH-PAC-FD-8	Total/NA	Water	7470A	
680-247613-14	SCH-GWC-50	Total/NA	Water	7470A	
680-247613-15	SCH-GWA-49	Total/NA	Water	7470A	
680-247613-16	SCH-GWC-29	Total/NA	Water	7470A	
MB 680-827309/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-827309/2-A	Lab Control Sample	Total/NA	Water	7470A	
680-247617-C-7-E MS	Matrix Spike	Total/NA	Water	7470A	
680-247617-D-7-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 827594

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247613-9	SCH-PAC-FB-8	Total/NA	Water	7470A	827309
680-247613-10	SCH-GWC-51	Total/NA	Water	7470A	827309
680-247613-11	SCH-GWA-48	Total/NA	Water	7470A	827309
680-247613-12	SCH-GWC-52	Total/NA	Water	7470A	827309
680-247613-13	SCH-PAC-FD-8	Total/NA	Water	7470A	827309
680-247613-14	SCH-GWC-50	Total/NA	Water	7470A	827309
680-247613-15	SCH-GWA-49	Total/NA	Water	7470A	827309

QC Association Summary

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-247613-1

Metals (Continued)

Analysis Batch: 827594 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247613-16	SCH-GWC-29	Total/NA	Water	7470A	827309
MB 680-827309/1-A	Method Blank	Total/NA	Water	7470A	827309
LCS 680-827309/2-A	Lab Control Sample	Total/NA	Water	7470A	827309
680-247617-C-7-E MS	Matrix Spike	Total/NA	Water	7470A	827309
680-247617-D-7-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	827309

General Chemistry

Analysis Batch: 826534

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247613-1	SCH-PAC-EB-8	Total/NA	Water	2540C-2011	
680-247613-2	SCH-GWA-46	Total/NA	Water	2540C-2011	
680-247613-3	SCH-GWA-45	Total/NA	Water	2540C-2011	
680-247613-4	SCH-GWA-22	Total/NA	Water	2540C-2011	
680-247613-5	SCH-PAC-FB-7	Total/NA	Water	2540C-2011	
680-247613-6	SCH-GWA-47	Total/NA	Water	2540C-2011	
680-247613-7	SCH-GWC-53	Total/NA	Water	2540C-2011	
MB 680-826534/1	Method Blank	Total/NA	Water	2540C-2011	
LCS 680-826534/2	Lab Control Sample	Total/NA	Water	2540C-2011	
LCSD 680-826534/3	Lab Control Sample Dup	Total/NA	Water	2540C-2011	
680-247500-A-5 DU	Duplicate	Total/NA	Water	2540C-2011	
680-247500-A-6 DU	Duplicate	Total/NA	Water	2540C-2011	

Analysis Batch: 826824

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247613-8	SCH-PAC-FD-7	Total/NA	Water	2540C-2011	
680-247613-9	SCH-PAC-FB-8	Total/NA	Water	2540C-2011	
680-247613-10	SCH-GWC-51	Total/NA	Water	2540C-2011	
680-247613-11	SCH-GWA-48	Total/NA	Water	2540C-2011	
680-247613-12	SCH-GWC-52	Total/NA	Water	2540C-2011	
680-247613-13	SCH-PAC-FD-8	Total/NA	Water	2540C-2011	
680-247613-14	SCH-GWC-50	Total/NA	Water	2540C-2011	
680-247613-15	SCH-GWA-49	Total/NA	Water	2540C-2011	
680-247613-16	SCH-GWC-29	Total/NA	Water	2540C-2011	
MB 680-826824/1	Method Blank	Total/NA	Water	2540C-2011	
LCS 680-826824/2	Lab Control Sample	Total/NA	Water	2540C-2011	
LCSD 680-826824/3	Lab Control Sample Dup	Total/NA	Water	2540C-2011	
680-247671-B-3 DU	Duplicate	Total/NA	Water	2540C-2011	
680-247671-B-4 DU	Duplicate	Total/NA	Water	2540C-2011	

Analysis Batch: 827052

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247613-1	SCH-PAC-EB-8	Total/NA	Water	2320B-2011	
680-247613-3	SCH-GWA-45	Total/NA	Water	2320B-2011	
MB 680-827052/4	Method Blank	Total/NA	Water	2320B-2011	
LCS 680-827052/6	Lab Control Sample	Total/NA	Water	2320B-2011	
LCSD 680-827052/31	Lab Control Sample Dup	Total/NA	Water	2320B-2011	
680-247591-l-1 DU	Duplicate	Total/NA	Water	2320B-2011	

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-247613-1

General Chemistry

Analysis Batch: 827059

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247613-2	SCH-GWA-46	Total/NA	Water	2320B-2011	
680-247613-4	SCH-GWA-22	Total/NA	Water	2320B-2011	
680-247613-5	SCH-PAC-FB-7	Total/NA	Water	2320B-2011	
680-247613-6	SCH-GWA-47	Total/NA	Water	2320B-2011	
680-247613-7	SCH-GWC-53	Total/NA	Water	2320B-2011	
680-247613-8	SCH-PAC-FD-7	Total/NA	Water	2320B-2011	
680-247613-9	SCH-PAC-FB-8	Total/NA	Water	2320B-2011	
MB 680-827059/4	Method Blank	Total/NA	Water	2320B-2011	
LCS 680-827059/6	Lab Control Sample	Total/NA	Water	2320B-2011	
LCSD 680-827059/31	Lab Control Sample Dup	Total/NA	Water	2320B-2011	
680-247613-5 DU	SCH-PAC-FB-7	Total/NA	Water	2320B-2011	

Analysis Batch: 827255

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247613-10	SCH-GWC-51	Total/NA	Water	2320B-2011	
680-247613-11	SCH-GWA-48	Total/NA	Water	2320B-2011	
680-247613-12	SCH-GWC-52	Total/NA	Water	2320B-2011	
680-247613-13	SCH-PAC-FD-8	Total/NA	Water	2320B-2011	
680-247613-14	SCH-GWC-50	Total/NA	Water	2320B-2011	
680-247613-15	SCH-GWA-49	Total/NA	Water	2320B-2011	
680-247613-16	SCH-GWC-29	Total/NA	Water	2320B-2011	
MB 680-827255/4	Method Blank	Total/NA	Water	2320B-2011	
LCS 680-827255/6	Lab Control Sample	Total/NA	Water	2320B-2011	
LCSD 680-827255/20	Lab Control Sample Dup	Total/NA	Water	2320B-2011	
680-247613-13 DU	SCH-PAC-FD-8	Total/NA	Water	2320B-2011	

Lab Chronicle

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-247613-1

Client Sample ID: SCH-PAC-EB-8

Lab Sample ID: 680-247613-1

Date Collected: 03/04/24 10:18

Matrix: Water

Date Received: 03/06/24 10:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	2 mL	2 mL	828129	03/18/24 16:46	UI	EET SAV
Instrument ID: CICR										
Total Recoverable	Prep	3005A			25 mL	125 mL	826197	03/07/24 07:33	RR	EET SAV
Total Recoverable	Analysis	6020B		1			826421	03/07/24 19:40	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	826752	03/10/24 15:01	DW	EET SAV
Total/NA	Analysis	7470A		1			827074	03/11/24 16:46	DW	EET SAV
Instrument ID: QuickTrace2										
Total/NA	Analysis	2320B-2011		1			827052	03/08/24 15:04	DR	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	826534	03/08/24 11:37	PG	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWA-46

Lab Sample ID: 680-247613-2

Date Collected: 03/04/24 11:57

Matrix: Water

Date Received: 03/06/24 10:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	2 mL	2 mL	828129	03/18/24 16:53	UI	EET SAV
Instrument ID: CICR										
Total Recoverable	Prep	3005A			25 mL	125 mL	826197	03/07/24 07:33	RR	EET SAV
Total Recoverable	Analysis	6020B		1			826421	03/07/24 18:40	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	826752	03/10/24 15:01	DW	EET SAV
Total/NA	Analysis	7470A		1			827074	03/11/24 16:48	DW	EET SAV
Instrument ID: QuickTrace2										
Total/NA	Analysis	2320B-2011		1			827059	03/08/24 17:29	DR	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	826534	03/08/24 11:37	PG	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWA-45

Lab Sample ID: 680-247613-3

Date Collected: 03/04/24 11:50

Matrix: Water

Date Received: 03/06/24 10:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		5	2 mL	2 mL	828220	03/18/24 22:24	GE	EET SAV
Instrument ID: CICR										
Total Recoverable	Prep	3005A			25 mL	125 mL	826197	03/07/24 07:33	RR	EET SAV
Total Recoverable	Analysis	6020B		1			826421	03/07/24 19:17	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	826752	03/10/24 15:01	DW	EET SAV
Total/NA	Analysis	7470A		1			827074	03/11/24 16:50	DW	EET SAV
Instrument ID: QuickTrace2										

Lab Chronicle

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-247613-1

Client Sample ID: SCH-GWA-45

Lab Sample ID: 680-247613-3

Date Collected: 03/04/24 11:50

Matrix: Water

Date Received: 03/06/24 10:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2320B-2011		1			827052	03/08/24 14:59	DR	EET SAV
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	826534	03/08/24 11:37	PG	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWA-22

Lab Sample ID: 680-247613-4

Date Collected: 03/04/24 12:08

Matrix: Water

Date Received: 03/06/24 10:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	2 mL	2 mL	828129	03/18/24 16:59	UI	EET SAV
Instrument ID: CICR										
Total Recoverable	Prep	3005A			25 mL	125 mL	826197	03/07/24 07:33	RR	EET SAV
Total Recoverable	Analysis	6020B		1			826421	03/07/24 19:20	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	826752	03/10/24 15:01	DW	EET SAV
Total/NA	Analysis	7470A		1			827074	03/11/24 16:56	DW	EET SAV
Instrument ID: QuickTrace2										
Total/NA	Analysis	2320B-2011		1			827059	03/08/24 17:21	DR	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	826534	03/08/24 11:37	PG	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-PAC-FB-7

Lab Sample ID: 680-247613-5

Date Collected: 03/04/24 11:40

Matrix: Water

Date Received: 03/06/24 10:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	2 mL	2 mL	828129	03/18/24 17:06	UI	EET SAV
Instrument ID: CICR										
Total Recoverable	Prep	3005A			25 mL	125 mL	826198	03/07/24 07:43	RR	EET SAV
Total Recoverable	Analysis	6020B		1			826421	03/07/24 17:03	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	826752	03/10/24 15:01	DW	EET SAV
Total/NA	Analysis	7470A		1			827074	03/11/24 16:58	DW	EET SAV
Instrument ID: QuickTrace2										
Total/NA	Analysis	2320B-2011		1			827059	03/08/24 17:06	DR	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	826534	03/08/24 11:37	PG	EET SAV
Instrument ID: NOEQUIP										

Lab Chronicle

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-247613-1

Client Sample ID: SCH-GWA-47

Lab Sample ID: 680-247613-6

Date Collected: 03/04/24 12:59

Matrix: Water

Date Received: 03/06/24 10:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	2 mL	2 mL	828129	03/18/24 17:12	UI	EET SAV
Instrument ID: CICR										
Total Recoverable	Prep	3005A			25 mL	125 mL	826198	03/07/24 07:43	RR	EET SAV
Total Recoverable	Analysis	6020B		1			826421	03/07/24 17:06	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	826752	03/10/24 15:01	DW	EET SAV
Total/NA	Analysis	7470A		1			827074	03/11/24 17:07	DW	EET SAV
Instrument ID: QuickTrace2										
Total/NA	Analysis	2320B-2011		1			827059	03/08/24 17:37	DR	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	826534	03/08/24 11:37	PG	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWC-53

Lab Sample ID: 680-247613-7

Date Collected: 03/04/24 12:57

Matrix: Water

Date Received: 03/06/24 10:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		5	2 mL	2 mL	828220	03/18/24 22:31	GE	EET SAV
Instrument ID: CICR										
Total Recoverable	Prep	3005A			25 mL	125 mL	826198	03/07/24 07:43	RR	EET SAV
Total Recoverable	Analysis	6020B		1			826421	03/07/24 17:09	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	826752	03/10/24 15:01	DW	EET SAV
Total/NA	Analysis	7470A		1			827074	03/11/24 17:09	DW	EET SAV
Instrument ID: QuickTrace2										
Total/NA	Analysis	2320B-2011		1			827059	03/08/24 18:01	DR	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	826534	03/08/24 11:37	PG	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-PAC-FD-7

Lab Sample ID: 680-247613-8

Date Collected: 03/04/24 00:00

Matrix: Water

Date Received: 03/06/24 10:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	2 mL	2 mL	828129	03/18/24 17:19	UI	EET SAV
Instrument ID: CICR										
Total/NA	Analysis	300.0-1993 R2.1		10	2 mL	2 mL	828229	03/19/24 15:10	GE	EET SAV
Instrument ID: CICR										
Total Recoverable	Prep	3005A			25 mL	125 mL	826198	03/07/24 07:43	RR	EET SAV
Total Recoverable	Analysis	6020B		1			826421	03/07/24 17:18	BWR	EET SAV
Instrument ID: ICPMSD										

Lab Chronicle

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-247613-1

Client Sample ID: SCH-PAC-FD-7

Lab Sample ID: 680-247613-8

Date Collected: 03/04/24 00:00

Matrix: Water

Date Received: 03/06/24 10:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			50 mL	50 mL	826752	03/10/24 15:01	DW	EET SAV
Total/NA	Analysis	7470A		1			827074	03/11/24 17:11	DW	EET SAV
Instrument ID: QuickTrace2										
Total/NA	Analysis	2320B-2011		1			827059	03/08/24 18:08	DR	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	826824	03/11/24 09:16	AS	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-PAC-FB-8

Lab Sample ID: 680-247613-9

Date Collected: 03/04/24 13:10

Matrix: Water

Date Received: 03/06/24 10:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	2 mL	2 mL	828129	03/18/24 18:24	UI	EET SAV
Instrument ID: CICR										
Total Recoverable	Prep	3005A			25 mL	125 mL	826198	03/07/24 07:43	RR	EET SAV
Total Recoverable	Analysis	6020B		1			826421	03/07/24 17:00	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	827309	03/13/24 11:18	DW	EET SAV
Total/NA	Analysis	7470A		1			827594	03/13/24 16:35	DW	EET SAV
Instrument ID: QuickTrace2										
Total/NA	Analysis	2320B-2011		1			827059	03/08/24 18:13	DR	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	826824	03/11/24 09:16	AS	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWC-51

Lab Sample ID: 680-247613-10

Date Collected: 03/04/24 13:42

Matrix: Water

Date Received: 03/06/24 10:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	2 mL	2 mL	828129	03/18/24 17:25	UI	EET SAV
Instrument ID: CICR										
Total Recoverable	Prep	3005A			25 mL	125 mL	826198	03/07/24 07:43	RR	EET SAV
Total Recoverable	Analysis	6020B		1			826421	03/07/24 17:20	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	827309	03/13/24 11:18	DW	EET SAV
Total/NA	Analysis	7470A		1			827594	03/13/24 16:37	DW	EET SAV
Instrument ID: QuickTrace2										
Total/NA	Analysis	2320B-2011		1			827255	03/12/24 18:38	DR	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	826824	03/11/24 09:16	AS	EET SAV
Instrument ID: NOEQUIP										

Lab Chronicle

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-247613-1

Client Sample ID: SCH-GWA-48

Lab Sample ID: 680-247613-11

Date Collected: 03/04/24 13:57

Matrix: Water

Date Received: 03/06/24 10:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	2 mL	2 mL	828129	03/18/24 17:32	UI	EET SAV
Instrument ID: CICR										
Total Recoverable	Prep	3005A			25 mL	125 mL	826198	03/07/24 07:43	RR	EET SAV
Total Recoverable	Analysis	6020B		1			826421	03/07/24 16:49	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	827309	03/13/24 11:18	DW	EET SAV
Total/NA	Analysis	7470A		1			827594	03/13/24 16:39	DW	EET SAV
Instrument ID: QuickTrace2										
Total/NA	Analysis	2320B-2011		1			827255	03/12/24 18:12	DR	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	826824	03/11/24 09:16	AS	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWC-52

Lab Sample ID: 680-247613-12

Date Collected: 03/04/24 14:25

Matrix: Water

Date Received: 03/06/24 10:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		2	2 mL	2 mL	828220	03/18/24 22:11	GE	EET SAV
Instrument ID: CICR										
Total Recoverable	Prep	3005A			25 mL	125 mL	826198	03/07/24 07:43	RR	EET SAV
Total Recoverable	Analysis	6020B		1			826421	03/07/24 16:58	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	827309	03/13/24 11:18	DW	EET SAV
Total/NA	Analysis	7470A		1			827594	03/13/24 16:41	DW	EET SAV
Instrument ID: QuickTrace2										
Total/NA	Analysis	2320B-2011		1			827255	03/12/24 18:04	DR	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	826824	03/11/24 09:16	AS	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-PAC-FD-8

Lab Sample ID: 680-247613-13

Date Collected: 03/04/24 00:00

Matrix: Water

Date Received: 03/06/24 10:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	2 mL	2 mL	828129	03/18/24 18:17	UI	EET SAV
Instrument ID: CICR										
Total/NA	Analysis	300.0-1993 R2.1		5	2 mL	2 mL	828229	03/19/24 14:59	GE	EET SAV
Instrument ID: CICR										
Total Recoverable	Prep	3005A			25 mL	125 mL	826197	03/07/24 07:33	RR	EET SAV
Total Recoverable	Analysis	6020B		1			826421	03/07/24 19:26	BWR	EET SAV
Instrument ID: ICPMSD										

Lab Chronicle

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-247613-1

Client Sample ID: SCH-PAC-FD-8

Lab Sample ID: 680-247613-13

Date Collected: 03/04/24 00:00

Matrix: Water

Date Received: 03/06/24 10:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			50 mL	50 mL	827309	03/13/24 11:18	DW	EET SAV
Total/NA	Analysis	7470A		1			827594	03/13/24 16:43	DW	EET SAV
Instrument ID: QuickTrace2										
Total/NA	Analysis	2320B-2011		1			827255	03/12/24 17:38	DR	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	826824	03/11/24 09:16	AS	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWC-50

Lab Sample ID: 680-247613-14

Date Collected: 03/04/24 14:45

Matrix: Water

Date Received: 03/06/24 10:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	2 mL	2 mL	828129	03/18/24 17:58	UI	EET SAV
Instrument ID: CICR										
Total Recoverable	Prep	3005A			25 mL	125 mL	826197	03/07/24 07:33	RR	EET SAV
Total Recoverable	Analysis	6020B		1			826421	03/07/24 19:35	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	827309	03/13/24 11:18	DW	EET SAV
Total/NA	Analysis	7470A		1			827594	03/13/24 16:45	DW	EET SAV
Instrument ID: QuickTrace2										
Total/NA	Analysis	2320B-2011		1			827255	03/12/24 18:46	DR	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	826824	03/11/24 09:16	AS	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWA-49

Lab Sample ID: 680-247613-15

Date Collected: 03/04/24 14:43

Matrix: Water

Date Received: 03/06/24 10:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	2 mL	2 mL	828129	03/18/24 18:30	UI	EET SAV
Instrument ID: CICR										
Total Recoverable	Prep	3005A			25 mL	125 mL	826197	03/07/24 07:33	RR	EET SAV
Total Recoverable	Analysis	6020B		1			826421	03/07/24 19:37	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	827309	03/13/24 11:18	DW	EET SAV
Total/NA	Analysis	7470A		1			827594	03/13/24 16:47	DW	EET SAV
Instrument ID: QuickTrace2										
Total/NA	Analysis	2320B-2011		1			827255	03/12/24 18:20	DR	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	826824	03/11/24 09:16	AS	EET SAV
Instrument ID: NOEQUIP										

Lab Chronicle

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-247613-1

Client Sample ID: SCH-GWC-29

Lab Sample ID: 680-247613-16

Date Collected: 03/04/24 15:40

Matrix: Water

Date Received: 03/06/24 10:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	2 mL	2 mL	828129	03/18/24 18:37	UI	EET SAV
Instrument ID: CICR										
Total Recoverable	Prep	3005A			25 mL	125 mL	826197	03/07/24 07:33	RR	EET SAV
Total Recoverable	Analysis	6020B		1			826421	03/07/24 19:23	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	827309	03/13/24 11:18	DW	EET SAV
Total/NA	Analysis	7470A		1			827594	03/13/24 16:54	DW	EET SAV
Instrument ID: QuickTrace2										
Total/NA	Analysis	2320B-2011		1			827255	03/12/24 17:55	DR	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	826824	03/11/24 09:16	AS	EET SAV
Instrument ID: NOEQUIP										

Laboratory References:

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



Accreditation/Certification Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-247613-1

Laboratory: Eurofins Savannah

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

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87052	06-30-24
Georgia	State	E87052	06-30-24

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

Method Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-247613-1

Method	Method Description	Protocol	Laboratory
300.0-1993 R2.1	Anions, Ion Chromatography	MCAWW	EET SAV
6020B	Metals (ICP/MS)	SW846	EET SAV
7470A	Mercury (CVAA)	SW846	EET SAV
2320B-2011	Alkalinity, Total	SM	EET SAV
2540C-2011	Total Dissolved Solids (Dried at 180 °C)	SM	EET SAV
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET SAV
7470A	Preparation, Mercury	SW846	EET SAV

Protocol References:

- MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.
- SM = "Standard Methods For The Examination Of Water And Wastewater"
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

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



Eurofins Savannah

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

Chain of Custody Record

244- ATLANTA

Environment Testing

Client Information					Sampler(s): Mark Mann		Lab PM / Phone: David Fuller / 770-344-8986			Carrier Tracking No(s):			COC No:																																													
Client Contact: Joju Abraham					Site-Project Manager / Phone: Dawn Prell / 248-536-5445		E-Mail: David.Fuller@et.eurofinsus.com			State of Origin: GA			Page: Page 1 of 2																																													
Company: Southern Company					Analysis Requested										Job #:																																											
Address: 241 Ralph McGill Blvd SE B10185					Due Date Requested:		<table border="1"> <tr> <td>Field Filtered Sample (Yes or No)</td> <td>Perform MS/MSD (Yes or No)</td> <td>300_ORGFM_280 - Chloride, Fluoride, Sulfate</td> <td>2640C - Solids, Total Dissolved (TDS)</td> <td>6020B - App III - State (15) Metals + Cations (Mg, K, Na)</td> <td>7470A - Mercury</td> <td>2320B - Alkalinity, Total, Carb/Bicarb</td> <td rowspan="5">Total Number of containers</td> </tr> <tr> <td>City: Atlanta</td> <td>TAT Requested (days): 2 weeks</td> <td colspan="6"></td> </tr> <tr> <td>State, Zip: GA, 30308</td> <td>Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No</td> <td colspan="6"></td> </tr> <tr> <td>Phone:</td> <td>Lab Project #: (DO NOT REMOVE) 68027798</td> <td colspan="6"></td> </tr> <tr> <td>Email: JAbraham@southernco.com</td> <td>Lab PO #: GPC82130-0006 / PO Line #4</td> <td colspan="6"></td> </tr> </table>										Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_280 - Chloride, Fluoride, Sulfate	2640C - Solids, Total Dissolved (TDS)	6020B - App III - State (15) Metals + Cations (Mg, K, Na)	7470A - Mercury	2320B - Alkalinity, Total, Carb/Bicarb	Total Number of containers	City: Atlanta	TAT Requested (days): 2 weeks							State, Zip: GA, 30308	Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No							Phone:	Lab Project #: (DO NOT REMOVE) 68027798							Email: JAbraham@southernco.com	Lab PO #: GPC82130-0006 / PO Line #4							Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Y - Trizma Z - other (specify)	
Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_280 - Chloride, Fluoride, Sulfate	2640C - Solids, Total Dissolved (TDS)	6020B - App III - State (15) Metals + Cations (Mg, K, Na)	7470A - Mercury	2320B - Alkalinity, Total, Carb/Bicarb											Total Number of containers																																									
City: Atlanta	TAT Requested (days): 2 weeks																																																									
State, Zip: GA, 30308	Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No																																																									
Phone:	Lab Project #: (DO NOT REMOVE) 68027798																																																									
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0006 / PO Line #4																																																									
Project Name: CCR - Plant Scherer PAC Ash Cell					Project #:		Other:																																																			
Site:					Task Code: SCH-CCR-ASSMT-2024S1										Special Instructions/Notes:																																											
Sample Identification					Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=soil, BT=Tissue, AA=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_280 - Chloride, Fluoride, Sulfate	2640C - Solids, Total Dissolved (TDS)	6020B - App III - State (15) Metals + Cations (Mg, K, Na)	7470A - Mercury	2320B - Alkalinity, Total, Carb/Bicarb	Total Number of containers																																										
							Preservation Code:																																																			
SCH-PAC-EB-8					3/4/24	10:18	G	WQ	N	N	X	X	X	X	X	4																																										
SCH-GWA-46					3/4/24	11:57	G	WG	N	N	X	X	X	X	X	4																																										
SCH-GWA-45					3/4/24	11:50	G	WG	N	N	X	X	X	X	X	4																																										
SCH-GWA-22					3/4/24	12:08	G	WG	N	N	X	X	X	X	X	4																																										
SCH-PAC-FB-7					3/4/24	11:40	G	WQ	N	N	X	X	X	X	X	4																																										
SCH-GWA-47					3/4/24	12:59	G	WG	N	N	X	X	X	X	X	4																																										
SCH-GWC-53					3/4/24	12:57	G	WG	N	N	X	X	X	X	X	4																																										
SCH-PAC-FD-7					3/4/24	-	G	WG	N	N	X	X	X	X	X	4																																										
SCH-PAC-FB-8					3/4/24	13:10	G	WQ	N	N	X	X	X	X	X	4																																										
SCH-GWC-51					3/4/24	13:42	G	WG	N	N	X	X	X	X	X	4																																										
SCH-GWA-48					3/4/24	13:57	G	WG	N	N	X	X	X	X	X	4																																										
Possible Hazard Identification					Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)																																																					
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological					<input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months																																																					
Deliverable Requested: I, II, III, IV, Other (specify)					Special Instructions/QC Requirements:																																																					
Empty Kit Relinquished by:					Date:		Time:			Method of Shipment:																																																
Relinquished by: <i>Jh Baker</i>					Date/Time: 3-5-24 / 9:42		Company: WSP			Received by: <i>[Signature]</i> Date/Time: 3/5/24 09:42																																																
Relinquished by: <i>[Signature]</i>					Date/Time: 3/5/24 16:00		Company: Dawn			Received by: <i>[Signature]</i> Date/Time: 3/6/24 10:17																																																
Relinquished by: <i>[Signature]</i>					Date/Time: 3/9/24		Company: Eurofins			Received by: <i>[Signature]</i> Date/Time: 3/9/24 2:00																																																
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No					Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: 3.9/39 2-0/20																																																			



Eurofins Savannah

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

Chain of Custody Record

Client Information		Sampler(s): Mark Mann		Lab PM / Phone: David Fuller / 770-344-8986		Carrier Tracking No(s):		COC No:							
Client Contact: Joju Abraham		Site-Project Manager / Phone: Dawn Prell / 248-536-5445		E-Mail: David.Fuller@et.eurofins.us		State of Origin: GA		Page: Page 2 of 2							
Company: Southern Company		Due Date Requested:		Analysis Requested		Job #:		Preservation Codes:							
Address: 241 Ralph McGill Blvd SE B10185		TAT Requested (days): 2 weeks				Total Number of containers		A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA		M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Y - Trizma Z - other (specify)					
City: Atlanta		Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No				300_ORGFM_28D - Chloride, Fluoride, Sulfate									
State, Zip: GA, 30308		Lab Project # (DO NOT REMOVE) 68027798				2540C - Solids, Total Dissolved (TDS)									
Phone: JABraham@southernco.com		Lab PO #: GPC82130-0006 / PO Line #4				6020B - App. III, State (15) Metals + Cations (Mg, K, Na)									
Email: JABraham@southernco.com		Project #:		7470A - Mercury											
Project Name: CCR - Plant Scherer PAC Ash Cell				2320B - Alkalinity, Total, Carb/Bicarb											
Site:															
Sample Identification		Sample Date		Sample Time		Sample Type (C=comp, G=grab)		Matrix (W=water, S=soil, O=waste/oil, BT=Tissue, A=Air)		Field Filtered Sample (Yes or No)		Task Code: SCH-CCR-ASSMT-2024S1		Special Instructions/Notes:	
										Perform MS/MSD (Yes or No)					
						Preservation Code:		X		X					
SCH-GWC-52		3/4/24		14:25		G		WG		N N X X X X X				4	
SCH-PAC-FD-8		3/4/24		-		G		WG		N N X X X X X				4	
SCH-GWC-50		3/4/24		14:45		G		WG		N N X X X X X				4	
SCH-GWA-49		3/4/24		14:43		G		WG		N N X X X X X				4	
SCH-GWC-29		3/4/24		15:40		G		WG		N N X X X X X				4	
Possible Hazard Identification										Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)					
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological										<input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months					
Deliverable Requested: I, II, III, IV, Other (specify)										Special Instructions/QC Requirements:					
Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:									
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:		Company:					
Relinquished by: <i>Bob</i>		3-5-24 / 9:42		WSP		Relinquished by: <i>Lay Jay</i>		3/5/24 09:42		Eurofins					
Relinquished by: <i>Lay Jay</i>		3/5/24 16:02		Eurek		Received by: <i>Eurek</i>		Date/Time:		Company:					
Relinquished by: <i>Eurofins</i>		Date/Time:		Company:		Received by: <i>Eurofins</i>		Date/Time:		Company:					
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:													
										Cooler Temperature(s) °C and Other Remarks: 3-9/39 20/20					

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-247613-1

Login Number: 247613

List Number: 1

Creator: Munro, Caroline

List Source: Eurofins Savannah

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

 **ANALYTICAL REPORT****PREPARED FOR**

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

Generated 3/8/2024 1:53:59 PM Revision 2

JOB DESCRIPTION

CCR - Plant Scherer Cell 3

JOB NUMBER

680-247131-1

Eurofins Savannah

Job Notes

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

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

Authorization



Authorized for release by
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Revision 2

Definitions/Glossary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247131-1

Qualifiers

HPLC/IC

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

Metals

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

General Chemistry

Qualifier	Qualifier Description
F3	Duplicate RPD exceeds the control limit

Glossary

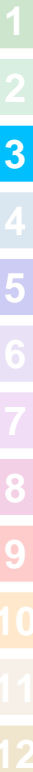
Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio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

Sample Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247131-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-247131-1	SCH-GWC-35	Water	02/22/24 14:51	02/24/24 09:52
680-247131-2	SCH-CELL3-FB-9	Water	02/22/24 15:35	02/24/24 09:52
680-247131-3	SCH-GWC-36	Water	02/22/24 13:39	02/24/24 09:52
680-247131-4	SCH-CELL3-EB-9	Water	02/22/24 15:45	02/24/24 09:52
680-247131-5	SCH-GWC-37	Water	02/22/24 12:32	02/24/24 09:52
680-247131-6	SCH-CELL3-FB-10	Water	02/22/24 12:10	02/24/24 09:52
680-247131-7	SCH-GWC-38	Water	02/22/24 10:47	02/24/24 09:52
680-247131-8	SCH-CELL3-FD-10	Water	02/22/24 00:00	02/24/24 09:52
680-247131-9	SCH-GWA-44A	Water	02/22/24 10:37	02/24/24 09:52
680-247131-10	SCH-GWC-31	Water	02/22/24 11:57	02/24/24 09:52
680-247131-11	SCH-GWC-30	Water	02/22/24 11:07	02/24/24 09:52
680-247131-12	SCH-GWC-32	Water	02/22/24 14:19	02/24/24 09:52
680-247131-13	SCH-GWA-43	Water	02/22/24 16:10	02/24/24 09:52
680-247131-14	SCH-GWC-33A	Water	02/22/24 15:57	02/24/24 09:52
680-247131-15	SCH-CELL3-FD-9	Water	02/22/24 00:00	02/24/24 09:52



Case Narrative

Client: Southern Company
Project: CCR - Plant Scherer Cell 3

Job ID: 680-247131-1

Job ID: 680-247131-1

Eurofins Savannah

Job Narrative 680-247131-1

Revision 2

The report being provided is a revision of the original report sent on 3/6/2024. The report (revision 2) is being revised in order to correct two Client Sample IDs, SCH-GWA-44A and SCH-GWA-43, as listed on the Chain of Custody (COC).

Report revision history

Revision 1 - 3/7/2024 - Reason - in order to correct the Reporting Limits (RLs) for select metals to meet historical limits.

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

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

Receipt

The samples were received on 2/24/2024 9:52 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 5 coolers at receipt time were 0.6°C, 1.3°C, 1.8°C, 2.5°C and 2.7°C.

HPLC/IC

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

Metals

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

General Chemistry

Method 2540C: A lesser volume of sample was used for the following samples due to the nature of the sample matrix resulting in elevated reporting limits: SCH-GWC-35 (680-247131-1) and SCH-GWA-43 (680-247131-13).

Method 2540C: The sample duplicate precision for the following sample associated with analytical batch 680-824971 was outside control limits: (680-247168-C-1 DU). The associated Laboratory Control Sample / Laboratory Control Sample Duplicate (LCS/LCSD) precision met acceptance criteria.

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

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247131-1

Client Sample ID: SCH-GWC-35

Lab Sample ID: 680-247131-1

Date Collected: 02/22/24 14:51

Matrix: Water

Date Received: 02/24/24 09:52

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	18		2.0	0.40	mg/L			03/04/24 22:58	2
Fluoride	<0.40		0.80	0.40	mg/L			03/04/24 22:58	2
Sulfate	110		2.0	1.0	mg/L			03/04/24 22:58	2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/26/24 07:59	02/26/24 16:12	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/26/24 07:59	02/26/24 16:12	1
Barium	0.039		0.010	0.00089	mg/L		02/26/24 07:59	02/26/24 16:12	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/26/24 07:59	02/26/24 16:12	1
Boron	0.47		0.080	0.022	mg/L		02/26/24 07:59	02/26/24 16:12	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/26/24 07:59	02/26/24 16:12	1
Calcium	28		0.50	0.14	mg/L		02/26/24 07:59	02/26/24 16:12	1
Chromium	0.0012	J	0.0020	0.0012	mg/L		02/26/24 07:59	02/26/24 16:12	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/26/24 07:59	02/26/24 16:12	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/26/24 07:59	02/26/24 16:12	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/26/24 07:59	02/26/24 16:12	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/26/24 07:59	02/27/24 16:01	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/26/24 07:59	02/26/24 16:12	1
Nickel	0.00088	J	0.0010	0.00042	mg/L		02/26/24 07:59	02/26/24 16:12	1
Selenium	0.0011	J	0.0050	0.00099	mg/L		02/26/24 07:59	02/26/24 16:12	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/26/24 07:59	02/26/24 16:12	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/26/24 07:59	02/26/24 16:12	1
Vanadium	0.0073		0.0020	0.00063	mg/L		02/26/24 07:59	02/26/24 16:12	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/26/24 07:59	02/26/24 16:12	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/26/24 15:25	02/28/24 14:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	240		40	40	mg/L			02/27/24 18:01	1

Client Sample ID: SCH-CELL3-FB-9

Lab Sample ID: 680-247131-2

Date Collected: 02/22/24 15:35

Matrix: Water

Date Received: 02/24/24 09:52

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.28	J	1.0	0.20	mg/L			03/04/24 23:14	1
Fluoride	<0.20		0.40	0.20	mg/L			03/04/24 23:14	1
Sulfate	<0.50		1.0	0.50	mg/L			03/04/24 23:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/26/24 07:59	02/26/24 16:09	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/26/24 07:59	02/26/24 16:09	1
Barium	<0.00089		0.010	0.00089	mg/L		02/26/24 07:59	02/26/24 16:09	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/26/24 07:59	02/26/24 16:09	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247131-1

Client Sample ID: SCH-CELL3-FB-9

Lab Sample ID: 680-247131-2

Date Collected: 02/22/24 15:35

Matrix: Water

Date Received: 02/24/24 09:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.022		0.080	0.022	mg/L		02/26/24 07:59	02/26/24 16:09	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/26/24 07:59	02/26/24 16:09	1
Calcium	<0.14		0.50	0.14	mg/L		02/26/24 07:59	02/26/24 16:09	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/26/24 07:59	02/26/24 16:09	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/26/24 07:59	02/26/24 16:09	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/26/24 07:59	02/26/24 16:09	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/26/24 07:59	02/26/24 16:09	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/26/24 07:59	02/27/24 15:12	1
Molybdenum	0.0031	J	0.015	0.00086	mg/L		02/26/24 07:59	02/26/24 16:09	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/26/24 07:59	02/26/24 16:09	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/26/24 07:59	02/26/24 16:09	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/26/24 07:59	02/26/24 16:09	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/26/24 07:59	02/26/24 16:09	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/26/24 07:59	02/26/24 16:09	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/26/24 07:59	02/26/24 16:09	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/26/24 15:25	02/28/24 14:34	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	<10		10	10	mg/L			02/27/24 18:01	1

Client Sample ID: SCH-GWC-36

Lab Sample ID: 680-247131-3

Date Collected: 02/22/24 13:39

Matrix: Water

Date Received: 02/24/24 09:52

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.1		1.0	0.20	mg/L			03/04/24 23:30	1
Fluoride	<0.20		0.40	0.20	mg/L			03/04/24 23:30	1
Sulfate	<0.50		1.0	0.50	mg/L			03/04/24 23:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/26/24 07:59	02/26/24 16:04	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/26/24 07:59	02/26/24 16:04	1
Barium	0.065		0.010	0.00089	mg/L		02/26/24 07:59	02/26/24 16:04	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/26/24 07:59	02/26/24 16:04	1
Boron	<0.022		0.080	0.022	mg/L		02/26/24 07:59	02/26/24 16:04	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/26/24 07:59	02/26/24 16:04	1
Calcium	15		0.50	0.14	mg/L		02/26/24 07:59	02/26/24 16:04	1
Chromium	0.019		0.0020	0.0012	mg/L		02/26/24 07:59	02/26/24 16:04	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/26/24 07:59	02/26/24 16:04	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/26/24 07:59	02/26/24 16:04	1
Lead	0.00038	J	0.0010	0.00021	mg/L		02/26/24 07:59	02/26/24 16:04	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/26/24 07:59	02/27/24 15:07	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/26/24 07:59	02/26/24 16:04	1
Nickel	0.0023		0.0010	0.00042	mg/L		02/26/24 07:59	02/26/24 16:04	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247131-1

Client Sample ID: SCH-GWC-36

Lab Sample ID: 680-247131-3

Date Collected: 02/22/24 13:39

Matrix: Water

Date Received: 02/24/24 09:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	<0.00099		0.0050	0.00099	mg/L		02/26/24 07:59	02/26/24 16:04	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/26/24 07:59	02/26/24 16:04	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/26/24 07:59	02/26/24 16:04	1
Vanadium	0.0013	J	0.0020	0.00063	mg/L		02/26/24 07:59	02/26/24 16:04	1
Zinc	0.0062		0.0050	0.0028	mg/L		02/26/24 07:59	02/26/24 16:04	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/26/24 15:25	02/28/24 14:36	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	100		10	10	mg/L			02/27/24 21:02	1

Client Sample ID: SCH-CELL3-EB-9

Lab Sample ID: 680-247131-4

Date Collected: 02/22/24 15:45

Matrix: Water

Date Received: 02/24/24 09:52

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.24	J	1.0	0.20	mg/L			03/05/24 01:05	1
Fluoride	<0.20	F1	0.40	0.20	mg/L			03/05/24 01:05	1
Sulfate	<0.50		1.0	0.50	mg/L			03/05/24 01:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/26/24 07:59	02/26/24 16:15	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/26/24 07:59	02/26/24 16:15	1
Barium	<0.00089		0.010	0.00089	mg/L		02/26/24 07:59	02/26/24 16:15	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/26/24 07:59	02/26/24 16:15	1
Boron	<0.022		0.080	0.022	mg/L		02/26/24 07:59	02/26/24 16:15	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/26/24 07:59	02/26/24 16:15	1
Calcium	<0.14		0.50	0.14	mg/L		02/26/24 07:59	02/26/24 16:15	1
Chromium	0.0015	J	0.0020	0.0012	mg/L		02/26/24 07:59	02/26/24 16:15	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/26/24 07:59	02/26/24 16:15	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/26/24 07:59	02/26/24 16:15	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/26/24 07:59	02/26/24 16:15	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/26/24 07:59	02/27/24 15:18	1
Molybdenum	0.0032	J	0.015	0.00086	mg/L		02/26/24 07:59	02/26/24 16:15	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/26/24 07:59	02/26/24 16:15	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/26/24 07:59	02/26/24 16:15	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/26/24 07:59	02/26/24 16:15	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/26/24 07:59	02/26/24 16:15	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/26/24 07:59	02/26/24 16:15	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/26/24 07:59	02/26/24 16:15	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/26/24 15:25	02/28/24 14:43	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247131-1

Client Sample ID: SCH-CELL3-EB-9

Lab Sample ID: 680-247131-4

Date Collected: 02/22/24 15:45

Matrix: Water

Date Received: 02/24/24 09:52

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	<10		10	10	mg/L			02/27/24 18:01	1

Client Sample ID: SCH-GWC-37

Lab Sample ID: 680-247131-5

Date Collected: 02/22/24 12:32

Matrix: Water

Date Received: 02/24/24 09:52

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.8		1.0	0.20	mg/L			03/05/24 01:53	1
Fluoride	<0.20		0.40	0.20	mg/L			03/05/24 01:53	1
Sulfate	0.58	J	1.0	0.50	mg/L			03/05/24 01:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/26/24 07:59	02/26/24 15:49	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/26/24 07:59	02/26/24 15:49	1
Barium	0.046		0.010	0.00089	mg/L		02/26/24 07:59	02/26/24 15:49	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/26/24 07:59	02/26/24 15:49	1
Boron	<0.022		0.080	0.022	mg/L		02/26/24 07:59	02/26/24 15:49	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/26/24 07:59	02/26/24 15:49	1
Calcium	15		0.50	0.14	mg/L		02/26/24 07:59	02/26/24 15:49	1
Chromium	0.024		0.0020	0.0012	mg/L		02/26/24 07:59	02/26/24 15:49	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/26/24 07:59	02/26/24 15:49	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/26/24 07:59	02/26/24 15:49	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/26/24 07:59	02/26/24 15:49	1
Lithium	0.0031	J	0.0050	0.0020	mg/L		02/26/24 07:59	02/27/24 15:52	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/26/24 07:59	02/26/24 15:49	1
Nickel	0.0011		0.0010	0.00042	mg/L		02/26/24 07:59	02/26/24 15:49	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/26/24 07:59	02/26/24 15:49	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/26/24 07:59	02/26/24 15:49	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/26/24 07:59	02/26/24 15:49	1
Vanadium	0.0068		0.0020	0.00063	mg/L		02/26/24 07:59	02/26/24 15:49	1
Zinc	0.0043	J	0.0050	0.0028	mg/L		02/26/24 07:59	02/26/24 15:49	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/26/24 15:25	02/28/24 14:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	100		10	10	mg/L			02/27/24 21:02	1

Client Sample ID: SCH-CELL3-FB-10

Lab Sample ID: 680-247131-6

Date Collected: 02/22/24 12:10

Matrix: Water

Date Received: 02/24/24 09:52

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.26	J	1.0	0.20	mg/L			03/05/24 02:09	1
Fluoride	<0.20		0.40	0.20	mg/L			03/05/24 02:09	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247131-1

Client Sample ID: SCH-CELL3-FB-10
Date Collected: 02/22/24 12:10
Date Received: 02/24/24 09:52

Lab Sample ID: 680-247131-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.50		1.0	0.50	mg/L			03/05/24 02:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/26/24 07:59	02/26/24 16:35	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/26/24 07:59	02/26/24 16:35	1
Barium	<0.00089		0.010	0.00089	mg/L		02/26/24 07:59	02/26/24 16:35	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/26/24 07:59	02/26/24 16:35	1
Boron	<0.022		0.080	0.022	mg/L		02/26/24 07:59	02/26/24 16:35	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/26/24 07:59	02/26/24 16:35	1
Calcium	<0.14		0.50	0.14	mg/L		02/26/24 07:59	02/26/24 16:35	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/26/24 07:59	02/26/24 16:35	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/26/24 07:59	02/26/24 16:35	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/26/24 07:59	02/26/24 16:35	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/26/24 07:59	02/26/24 16:35	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/26/24 07:59	02/27/24 15:38	1
Molybdenum	0.0034	J	0.015	0.00086	mg/L		02/26/24 07:59	02/26/24 16:35	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/26/24 07:59	02/26/24 16:35	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/26/24 07:59	02/26/24 16:35	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/26/24 07:59	02/26/24 16:35	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/26/24 07:59	02/26/24 16:35	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/26/24 07:59	02/26/24 16:35	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/26/24 07:59	02/26/24 16:35	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/26/24 15:25	02/28/24 14:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	<10		10	10	mg/L			02/27/24 21:02	1

Client Sample ID: SCH-GWC-38
Date Collected: 02/22/24 10:47
Date Received: 02/24/24 09:52

Lab Sample ID: 680-247131-7
Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.6		1.0	0.20	mg/L			03/05/24 02:25	1
Fluoride	<0.20		0.40	0.20	mg/L			03/05/24 02:25	1
Sulfate	3.7		1.0	0.50	mg/L			03/05/24 02:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/26/24 07:59	02/26/24 16:24	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/26/24 07:59	02/26/24 16:24	1
Barium	0.032		0.010	0.00089	mg/L		02/26/24 07:59	02/26/24 16:24	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/26/24 07:59	02/26/24 16:24	1
Boron	<0.022		0.080	0.022	mg/L		02/26/24 07:59	02/26/24 16:24	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/26/24 07:59	02/26/24 16:24	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247131-1

Client Sample ID: SCH-GWC-38

Lab Sample ID: 680-247131-7

Date Collected: 02/22/24 10:47

Matrix: Water

Date Received: 02/24/24 09:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	17		0.50	0.14	mg/L		02/26/24 07:59	02/26/24 16:24	1
Chromium	0.011		0.0020	0.0012	mg/L		02/26/24 07:59	02/26/24 16:24	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/26/24 07:59	02/26/24 16:24	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/26/24 07:59	02/26/24 16:24	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/26/24 07:59	02/26/24 16:24	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/26/24 07:59	02/27/24 15:32	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/26/24 07:59	02/26/24 16:24	1
Nickel	0.00055	J	0.0010	0.00042	mg/L		02/26/24 07:59	02/26/24 16:24	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/26/24 07:59	02/26/24 16:24	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/26/24 07:59	02/26/24 16:24	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/26/24 07:59	02/26/24 16:24	1
Vanadium	0.012		0.0020	0.00063	mg/L		02/26/24 07:59	02/26/24 16:24	1
Zinc	0.0065		0.0050	0.0028	mg/L		02/26/24 07:59	02/26/24 16:24	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/26/24 15:25	02/28/24 14:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	120		10	10	mg/L			02/27/24 18:01	1

Client Sample ID: SCH-CELL3-FD-10

Lab Sample ID: 680-247131-8

Date Collected: 02/22/24 00:00

Matrix: Water

Date Received: 02/24/24 09:52

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.4		1.0	0.20	mg/L			03/05/24 02:41	1
Fluoride	<0.20		0.40	0.20	mg/L			03/05/24 02:41	1
Sulfate	3.8		1.0	0.50	mg/L			03/05/24 02:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/26/24 07:59	02/26/24 16:26	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/26/24 07:59	02/26/24 16:26	1
Barium	0.032		0.010	0.00089	mg/L		02/26/24 07:59	02/26/24 16:26	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/26/24 07:59	02/26/24 16:26	1
Boron	<0.022		0.080	0.022	mg/L		02/26/24 07:59	02/26/24 16:26	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/26/24 07:59	02/26/24 16:26	1
Calcium	17		0.50	0.14	mg/L		02/26/24 07:59	02/26/24 16:26	1
Chromium	0.011		0.0020	0.0012	mg/L		02/26/24 07:59	02/26/24 16:26	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/26/24 07:59	02/26/24 16:26	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/26/24 07:59	02/26/24 16:26	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/26/24 07:59	02/26/24 16:26	1
Lithium	0.0034	J	0.0050	0.0020	mg/L		02/26/24 07:59	02/27/24 15:35	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/26/24 07:59	02/26/24 16:26	1
Nickel	0.00057	J	0.0010	0.00042	mg/L		02/26/24 07:59	02/26/24 16:26	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/26/24 07:59	02/26/24 16:26	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/26/24 07:59	02/26/24 16:26	1

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Client Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247131-1

Client Sample ID: SCH-CELL3-FD-10

Lab Sample ID: 680-247131-8

Date Collected: 02/22/24 00:00

Matrix: Water

Date Received: 02/24/24 09:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	<0.00026		0.0010	0.00026	mg/L		02/26/24 07:59	02/26/24 16:26	1
Vanadium	0.013		0.0020	0.00063	mg/L		02/26/24 07:59	02/26/24 16:26	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/26/24 07:59	02/26/24 16:26	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/29/24 12:33	02/29/24 17:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	130		10	10	mg/L			02/27/24 21:02	1

Client Sample ID: SCH-GWA-44A

Lab Sample ID: 680-247131-9

Date Collected: 02/22/24 10:37

Matrix: Water

Date Received: 02/24/24 09:52

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.3		1.0	0.20	mg/L			03/05/24 02:57	1
Fluoride	<0.20		0.40	0.20	mg/L			03/05/24 02:57	1
Sulfate	2.1		1.0	0.50	mg/L			03/05/24 02:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/26/24 07:59	02/26/24 15:46	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/26/24 07:59	02/26/24 15:46	1
Barium	0.052		0.010	0.00089	mg/L		02/26/24 07:59	02/26/24 15:46	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/26/24 07:59	02/26/24 15:46	1
Boron	<0.022		0.080	0.022	mg/L		02/26/24 07:59	02/26/24 15:46	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/26/24 07:59	02/26/24 15:46	1
Calcium	23		0.50	0.14	mg/L		02/26/24 07:59	02/26/24 15:46	1
Chromium	0.089		0.0020	0.0012	mg/L		02/26/24 07:59	02/26/24 15:46	1
Cobalt	0.00039	J	0.0025	0.00022	mg/L		02/26/24 07:59	02/26/24 15:46	1
Copper	0.0013	J	0.0020	0.0011	mg/L		02/26/24 07:59	02/26/24 15:46	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/26/24 07:59	02/26/24 15:46	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/26/24 07:59	02/27/24 14:55	1
Molybdenum	0.0016	J	0.015	0.00086	mg/L		02/26/24 07:59	02/26/24 15:46	1
Nickel	0.021		0.0010	0.00042	mg/L		02/26/24 07:59	02/26/24 15:46	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/26/24 07:59	02/26/24 15:46	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/26/24 07:59	02/26/24 15:46	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/26/24 07:59	02/26/24 15:46	1
Vanadium	0.011		0.0020	0.00063	mg/L		02/26/24 07:59	02/26/24 15:46	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/26/24 07:59	02/26/24 15:46	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/29/24 12:33	02/29/24 17:29	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247131-1

Client Sample ID: SCH-GWA-44A

Lab Sample ID: 680-247131-9

Date Collected: 02/22/24 10:37

Matrix: Water

Date Received: 02/24/24 09:52

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	130		10	10	mg/L			02/27/24 18:01	1

Client Sample ID: SCH-GWC-31

Lab Sample ID: 680-247131-10

Date Collected: 02/22/24 11:57

Matrix: Water

Date Received: 02/24/24 09:52

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.7		1.0	0.20	mg/L			03/05/24 03:13	1
Fluoride	0.22	J	0.40	0.20	mg/L			03/05/24 03:13	1
Sulfate	3.7		1.0	0.50	mg/L			03/05/24 03:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/26/24 07:59	02/26/24 16:18	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/26/24 07:59	02/26/24 16:18	1
Barium	0.016		0.010	0.00089	mg/L		02/26/24 07:59	02/26/24 16:18	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/26/24 07:59	02/26/24 16:18	1
Boron	<0.022		0.080	0.022	mg/L		02/26/24 07:59	02/26/24 16:18	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/26/24 07:59	02/26/24 16:18	1
Calcium	19		0.50	0.14	mg/L		02/26/24 07:59	02/26/24 16:18	1
Chromium	0.0041		0.0020	0.0012	mg/L		02/26/24 07:59	02/26/24 16:18	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/26/24 07:59	02/26/24 16:18	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/26/24 07:59	02/26/24 16:18	1
Lead	0.00039	J	0.0010	0.00021	mg/L		02/26/24 07:59	02/26/24 16:18	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/26/24 07:59	02/27/24 15:27	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/26/24 07:59	02/26/24 16:18	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/26/24 07:59	02/26/24 16:18	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/26/24 07:59	02/26/24 16:18	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/26/24 07:59	02/26/24 16:18	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/26/24 07:59	02/26/24 16:18	1
Vanadium	0.015		0.0020	0.00063	mg/L		02/26/24 07:59	02/26/24 16:18	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/26/24 07:59	02/26/24 16:18	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/29/24 12:33	02/29/24 17:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	150		10	10	mg/L			02/27/24 21:02	1

Client Sample ID: SCH-GWC-30

Lab Sample ID: 680-247131-11

Date Collected: 02/22/24 11:07

Matrix: Water

Date Received: 02/24/24 09:52

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.5		1.0	0.20	mg/L			03/05/24 03:28	1
Fluoride	<0.20		0.40	0.20	mg/L			03/05/24 03:28	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247131-1

Client Sample ID: SCH-GWC-30

Lab Sample ID: 680-247131-11

Date Collected: 02/22/24 11:07

Matrix: Water

Date Received: 02/24/24 09:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	8.5		1.0	0.50	mg/L			03/05/24 03:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/26/24 07:59	02/26/24 15:44	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/26/24 07:59	02/26/24 15:44	1
Barium	0.030		0.010	0.00089	mg/L		02/26/24 07:59	02/26/24 15:44	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/26/24 07:59	02/26/24 15:44	1
Boron	<0.022		0.080	0.022	mg/L		02/26/24 07:59	02/26/24 15:44	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/26/24 07:59	02/26/24 15:44	1
Calcium	22		0.50	0.14	mg/L		02/26/24 07:59	02/26/24 15:44	1
Chromium	0.0038		0.0020	0.0012	mg/L		02/26/24 07:59	02/26/24 15:44	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/26/24 07:59	02/26/24 15:44	1
Copper	0.0011	J	0.0020	0.0011	mg/L		02/26/24 07:59	02/26/24 15:44	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/26/24 07:59	02/26/24 15:44	1
Lithium	0.0026	J	0.0050	0.0020	mg/L		02/26/24 07:59	02/27/24 14:52	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/26/24 07:59	02/26/24 15:44	1
Nickel	0.0030		0.0010	0.00042	mg/L		02/26/24 07:59	02/26/24 15:44	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/26/24 07:59	02/26/24 15:44	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/26/24 07:59	02/26/24 15:44	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/26/24 07:59	02/26/24 15:44	1
Vanadium	0.0092		0.0020	0.00063	mg/L		02/26/24 07:59	02/26/24 15:44	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/26/24 07:59	02/26/24 15:44	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/29/24 12:33	02/29/24 17:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	150		10	10	mg/L			02/27/24 18:01	1

Client Sample ID: SCH-GWC-32

Lab Sample ID: 680-247131-12

Date Collected: 02/22/24 14:19

Matrix: Water

Date Received: 02/24/24 09:52

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.1		1.0	0.20	mg/L			03/05/24 03:44	1
Fluoride	<0.20		0.40	0.20	mg/L			03/05/24 03:44	1
Sulfate	5.1		1.0	0.50	mg/L			03/05/24 03:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/26/24 07:59	02/26/24 16:01	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/26/24 07:59	02/26/24 16:01	1
Barium	0.021		0.010	0.00089	mg/L		02/26/24 07:59	02/26/24 16:01	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/26/24 07:59	02/26/24 16:01	1
Boron	<0.022		0.080	0.022	mg/L		02/26/24 07:59	02/26/24 16:01	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/26/24 07:59	02/26/24 16:01	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247131-1

Client Sample ID: SCH-GWC-32

Lab Sample ID: 680-247131-12

Date Collected: 02/22/24 14:19

Matrix: Water

Date Received: 02/24/24 09:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	17		0.50	0.14	mg/L		02/26/24 07:59	02/26/24 16:01	1
Chromium	0.0041		0.0020	0.0012	mg/L		02/26/24 07:59	02/26/24 16:01	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/26/24 07:59	02/26/24 16:01	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/26/24 07:59	02/26/24 16:01	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/26/24 07:59	02/26/24 16:01	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/26/24 07:59	02/27/24 15:04	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/26/24 07:59	02/26/24 16:01	1
Nickel	0.0023		0.0010	0.00042	mg/L		02/26/24 07:59	02/26/24 16:01	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/26/24 07:59	02/26/24 16:01	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/26/24 07:59	02/26/24 16:01	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/26/24 07:59	02/26/24 16:01	1
Vanadium	0.0080		0.0020	0.00063	mg/L		02/26/24 07:59	02/26/24 16:01	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/26/24 07:59	02/26/24 16:01	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/29/24 12:33	02/29/24 17:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	130		10	10	mg/L			02/28/24 10:43	1

Client Sample ID: SCH-GWA-43

Lab Sample ID: 680-247131-13

Date Collected: 02/22/24 16:10

Matrix: Water

Date Received: 02/24/24 09:52

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.2		2.0	0.40	mg/L			03/05/24 04:00	2
Fluoride	<0.40		0.80	0.40	mg/L			03/05/24 04:00	2
Sulfate	2.1		2.0	1.0	mg/L			03/05/24 04:00	2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/26/24 07:59	02/26/24 16:21	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/26/24 07:59	02/26/24 16:21	1
Barium	0.056		0.010	0.00089	mg/L		02/26/24 07:59	02/26/24 16:21	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/26/24 07:59	02/26/24 16:21	1
Boron	<0.022		0.080	0.022	mg/L		02/26/24 07:59	02/26/24 16:21	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/26/24 07:59	02/26/24 16:21	1
Calcium	28		0.50	0.14	mg/L		02/26/24 07:59	02/26/24 16:21	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/26/24 07:59	02/26/24 16:21	1
Cobalt	0.0088		0.0025	0.00022	mg/L		02/26/24 07:59	02/26/24 16:21	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/26/24 07:59	02/26/24 16:21	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/26/24 07:59	02/26/24 16:21	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/26/24 07:59	02/27/24 15:30	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/26/24 07:59	02/26/24 16:21	1
Nickel	0.0033		0.0010	0.00042	mg/L		02/26/24 07:59	02/26/24 16:21	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/26/24 07:59	02/26/24 16:21	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/26/24 07:59	02/26/24 16:21	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247131-1

Client Sample ID: SCH-GWA-43

Lab Sample ID: 680-247131-13

Date Collected: 02/22/24 16:10

Matrix: Water

Date Received: 02/24/24 09:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	<0.00026		0.0010	0.00026	mg/L		02/26/24 07:59	02/26/24 16:21	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/26/24 07:59	02/26/24 16:21	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/26/24 07:59	02/26/24 16:21	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/29/24 12:33	02/29/24 17:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	180		40	40	mg/L			02/28/24 10:43	1

Client Sample ID: SCH-GWC-33A

Lab Sample ID: 680-247131-14

Date Collected: 02/22/24 15:57

Matrix: Water

Date Received: 02/24/24 09:52

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.5		1.0	0.20	mg/L			03/05/24 05:36	1
Fluoride	<0.20		0.40	0.20	mg/L			03/05/24 05:36	1
Sulfate	<0.50		1.0	0.50	mg/L			03/05/24 05:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/26/24 07:59	02/26/24 15:52	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/26/24 07:59	02/26/24 15:52	1
Barium	0.029		0.010	0.00089	mg/L		02/26/24 07:59	02/26/24 15:52	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/26/24 07:59	02/26/24 15:52	1
Boron	<0.022		0.080	0.022	mg/L		02/26/24 07:59	02/26/24 15:52	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/26/24 07:59	02/26/24 15:52	1
Calcium	17		0.50	0.14	mg/L		02/26/24 07:59	02/26/24 15:52	1
Chromium	0.0082		0.0020	0.0012	mg/L		02/26/24 07:59	02/26/24 15:52	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/26/24 07:59	02/26/24 15:52	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/26/24 07:59	02/26/24 15:52	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/26/24 07:59	02/26/24 15:52	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/26/24 07:59	02/27/24 15:01	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/26/24 07:59	02/26/24 15:52	1
Nickel	0.00073 J		0.0010	0.00042	mg/L		02/26/24 07:59	02/26/24 15:52	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/26/24 07:59	02/26/24 15:52	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/26/24 07:59	02/26/24 15:52	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/26/24 07:59	02/26/24 15:52	1
Vanadium	0.015		0.0020	0.00063	mg/L		02/26/24 07:59	02/26/24 15:52	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/26/24 07:59	02/26/24 15:52	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/29/24 12:33	02/29/24 17:39	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247131-1

Client Sample ID: SCH-GWC-33A

Lab Sample ID: 680-247131-14

Date Collected: 02/22/24 15:57

Matrix: Water

Date Received: 02/24/24 09:52

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	120		10	10	mg/L			02/28/24 10:43	1

Client Sample ID: SCH-CELL3-FD-9

Lab Sample ID: 680-247131-15

Date Collected: 02/22/24 00:00

Matrix: Water

Date Received: 02/24/24 09:52

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.6		1.0	0.20	mg/L			03/05/24 05:51	1
Fluoride	<0.20		0.40	0.20	mg/L			03/05/24 05:51	1
Sulfate	<0.50		1.0	0.50	mg/L			03/05/24 05:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/26/24 07:59	02/26/24 16:06	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/26/24 07:59	02/26/24 16:06	1
Barium	0.029		0.010	0.00089	mg/L		02/26/24 07:59	02/26/24 16:06	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/26/24 07:59	02/26/24 16:06	1
Boron	<0.022		0.080	0.022	mg/L		02/26/24 07:59	02/26/24 16:06	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/26/24 07:59	02/26/24 16:06	1
Calcium	17		0.50	0.14	mg/L		02/26/24 07:59	02/26/24 16:06	1
Chromium	0.0079		0.0020	0.0012	mg/L		02/26/24 07:59	02/26/24 16:06	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/26/24 07:59	02/26/24 16:06	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/26/24 07:59	02/26/24 16:06	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/26/24 07:59	02/26/24 16:06	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/26/24 07:59	02/27/24 15:10	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/26/24 07:59	02/26/24 16:06	1
Nickel	0.00059 J		0.0010	0.00042	mg/L		02/26/24 07:59	02/26/24 16:06	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/26/24 07:59	02/26/24 16:06	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/26/24 07:59	02/26/24 16:06	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/26/24 07:59	02/26/24 16:06	1
Vanadium	0.015		0.0020	0.00063	mg/L		02/26/24 07:59	02/26/24 16:06	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/26/24 07:59	02/26/24 16:06	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/29/24 12:33	02/29/24 17:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	130		10	10	mg/L			02/28/24 10:43	1

QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247131-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 670-78938/11
Matrix: Water
Analysis Batch: 78938

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.20		1.0	0.20	mg/L			03/04/24 16:37	1
Fluoride	<0.20		0.40	0.20	mg/L			03/04/24 16:37	1
Sulfate	<0.50		1.0	0.50	mg/L			03/04/24 16:37	1

Lab Sample ID: MB 670-78938/42
Matrix: Water
Analysis Batch: 78938

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.20		1.0	0.20	mg/L			03/05/24 00:50	1
Fluoride	<0.20		0.40	0.20	mg/L			03/05/24 00:50	1
Sulfate	<0.50		1.0	0.50	mg/L			03/05/24 00:50	1

Lab Sample ID: LCS 670-78938/40
Matrix: Water
Analysis Batch: 78938

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	4.00	4.03		mg/L		101	90 - 110
Fluoride	4.00	4.37		mg/L		109	90 - 110
Sulfate	4.00	4.13		mg/L		103	90 - 110

Lab Sample ID: LCS 670-78938/9
Matrix: Water
Analysis Batch: 78938

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	4.00	3.90		mg/L		98	90 - 110
Fluoride	4.00	4.34		mg/L		108	90 - 110
Sulfate	4.00	4.09		mg/L		102	90 - 110

Lab Sample ID: LCSD 670-78938/10
Matrix: Water
Analysis Batch: 78938

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	4.00	3.93		mg/L		98	90 - 110	1	20
Fluoride	4.00	4.31		mg/L		108	90 - 110	1	20
Sulfate	4.00	4.07		mg/L		102	90 - 110	0	20

Lab Sample ID: LCSD 670-78938/41
Matrix: Water
Analysis Batch: 78938

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	4.00	4.01		mg/L		100	90 - 110	1	20
Fluoride	4.00	4.39		mg/L		110	90 - 110	1	20
Sulfate	4.00	4.13		mg/L		103	90 - 110	0	20

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QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247131-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 680-247131-4 MS
Matrix: Water
Analysis Batch: 78938

Client Sample ID: SCH-CELL3-EB-9
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.24	J	5.00	5.89		mg/L		113	80 - 120
Fluoride	<0.20	F1	5.00	6.31	F1	mg/L		126	80 - 120
Sulfate	<0.50		5.00	5.76		mg/L		115	80 - 120

Lab Sample ID: 680-247131-4 MSD
Matrix: Water
Analysis Batch: 78938

Client Sample ID: SCH-CELL3-EB-9
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	0.24	J	5.00	5.92		mg/L		114	80 - 120	1	20
Fluoride	<0.20	F1	5.00	6.39	F1	mg/L		128	80 - 120	1	20
Sulfate	<0.50		5.00	5.79		mg/L		116	80 - 120	0	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 680-824448/1-A
Matrix: Water
Analysis Batch: 824692

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 824448

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/26/24 07:59	02/26/24 15:26	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/26/24 07:59	02/26/24 15:26	1
Barium	<0.00089		0.010	0.00089	mg/L		02/26/24 07:59	02/26/24 15:26	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/26/24 07:59	02/26/24 15:26	1
Boron	<0.022		0.080	0.022	mg/L		02/26/24 07:59	02/26/24 15:26	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/26/24 07:59	02/26/24 15:26	1
Calcium	<0.14		0.50	0.14	mg/L		02/26/24 07:59	02/26/24 15:26	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/26/24 07:59	02/26/24 15:26	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/26/24 07:59	02/26/24 15:26	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/26/24 07:59	02/26/24 15:26	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/26/24 07:59	02/26/24 15:26	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/26/24 07:59	02/26/24 15:26	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/26/24 07:59	02/26/24 15:26	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/26/24 07:59	02/26/24 15:26	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/26/24 07:59	02/26/24 15:26	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/26/24 07:59	02/26/24 15:26	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/26/24 07:59	02/26/24 15:26	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/26/24 07:59	02/26/24 15:26	1

Lab Sample ID: MB 680-824448/1-A
Matrix: Water
Analysis Batch: 824936

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 824448

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/26/24 07:59	02/28/24 08:31	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/26/24 07:59	02/28/24 08:31	1
Barium	<0.00089		0.010	0.00089	mg/L		02/26/24 07:59	02/28/24 08:31	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/26/24 07:59	02/28/24 08:31	1
Boron	<0.022		0.080	0.022	mg/L		02/26/24 07:59	02/28/24 08:31	1

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QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247131-1

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

Lab Sample ID: MB 680-824448/1-A
Matrix: Water
Analysis Batch: 824936

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 824448

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/26/24 07:59	02/28/24 08:31	1
Calcium	<0.14		0.50	0.14	mg/L		02/26/24 07:59	02/28/24 08:31	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/26/24 07:59	02/28/24 08:31	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/26/24 07:59	02/28/24 08:31	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/26/24 07:59	02/28/24 08:31	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/26/24 07:59	02/28/24 08:31	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/26/24 07:59	02/28/24 08:31	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/26/24 07:59	02/28/24 08:31	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/26/24 07:59	02/28/24 08:31	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/26/24 07:59	02/28/24 08:31	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/26/24 07:59	02/28/24 08:31	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/26/24 07:59	02/28/24 08:31	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/26/24 07:59	02/28/24 08:31	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/26/24 07:59	02/28/24 08:31	1

Lab Sample ID: LCS 680-824448/2-A
Matrix: Water
Analysis Batch: 824692

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 824448

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.100	0.109		mg/L		109	80 - 120
Barium	0.100	0.115		mg/L		115	80 - 120
Beryllium	0.0500	0.0588		mg/L		118	80 - 120
Boron	0.400	0.428		mg/L		107	80 - 120
Cadmium	0.0500	0.0570		mg/L		114	80 - 120
Calcium	5.00	5.62		mg/L		112	80 - 120
Chromium	0.100	0.114		mg/L		114	80 - 120
Cobalt	0.0500	0.0577		mg/L		115	80 - 120
Copper	0.101	0.111		mg/L		110	80 - 120
Lead	0.500	0.513		mg/L		103	80 - 120
Molybdenum	0.100	0.109		mg/L		109	80 - 120
Nickel	0.100	0.110		mg/L		110	80 - 120
Selenium	0.100	0.104		mg/L		104	80 - 120
Silver	0.0500	0.0554		mg/L		111	80 - 120
Thallium	0.0500	0.0570		mg/L		114	80 - 120
Vanadium	0.100	0.105		mg/L		105	80 - 120
Zinc	0.0505	0.0567		mg/L		112	80 - 120

Lab Sample ID: LCS 680-824448/2-A
Matrix: Water
Analysis Batch: 824936

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 824448

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits

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QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247131-1

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

Lab Sample ID: 680-247136-A-14-B MS
Matrix: Water
Analysis Batch: 824692

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 824448

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec	
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD
Antimony	<0.00034		0.0500	0.0573		mg/L		115	75 - 125	
Arsenic	<0.00086		0.100	0.108		mg/L		108	75 - 125	
Barium	0.011		0.100	0.127		mg/L		116	75 - 125	
Beryllium	<0.00020		0.0500	0.0573		mg/L		115	75 - 125	
Boron	<0.022		0.400	0.426		mg/L		107	75 - 125	
Cadmium	0.000080	J	0.0500	0.0579		mg/L		116	75 - 125	
Calcium	0.99		5.00	6.69		mg/L		114	75 - 125	
Chromium	<0.0012		0.100	0.117		mg/L		116	75 - 125	
Cobalt	0.030		0.0500	0.0899		mg/L		120	75 - 125	
Copper	0.0013	J	0.101	0.114		mg/L		112	75 - 125	
Lead	0.00028	J	0.500	0.528		mg/L		106	75 - 125	
Molybdenum	<0.00086		0.100	0.115		mg/L		115	75 - 125	
Nickel	0.0030		0.100	0.115		mg/L		112	75 - 125	
Selenium	<0.00099		0.100	0.103		mg/L		103	75 - 125	
Silver	<0.00039		0.0500	0.0577		mg/L		115	75 - 125	
Thallium	<0.00026		0.0500	0.0591		mg/L		118	75 - 125	
Vanadium	0.00080	J	0.100	0.111		mg/L		110	75 - 125	
Zinc	0.0092		0.0505	0.0640		mg/L		108	75 - 125	

Lab Sample ID: 680-247136-A-14-B MS
Matrix: Water
Analysis Batch: 824936

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 824448

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec	
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD
Lithium	<0.0020		0.500	0.487		mg/L		97	75 - 125	

Lab Sample ID: 680-247136-A-14-C MSD
Matrix: Water
Analysis Batch: 824692

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 824448

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec		RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD		
Antimony	<0.00034		0.0500	0.0545		mg/L		109	75 - 125	5	20	
Arsenic	<0.00086		0.100	0.104		mg/L		104	75 - 125	4	20	
Barium	0.011		0.100	0.121		mg/L		109	75 - 125	5	20	
Beryllium	<0.00020		0.0500	0.0549		mg/L		110	75 - 125	4	20	
Boron	<0.022		0.400	0.436		mg/L		109	75 - 125	2	20	
Cadmium	0.000080	J	0.0500	0.0552		mg/L		110	75 - 125	5	20	
Calcium	0.99		5.00	6.35		mg/L		107	75 - 125	5	20	
Chromium	<0.0012		0.100	0.112		mg/L		111	75 - 125	5	20	
Cobalt	0.030		0.0500	0.0855		mg/L		111	75 - 125	5	20	
Copper	0.0013	J	0.101	0.111		mg/L		109	75 - 125	3	20	
Lead	0.00028	J	0.500	0.507		mg/L		101	75 - 125	4	20	
Molybdenum	<0.00086		0.100	0.107		mg/L		107	75 - 125	8	20	
Nickel	0.0030		0.100	0.110		mg/L		107	75 - 125	4	20	
Selenium	<0.00099		0.100	0.0993		mg/L		99	75 - 125	4	20	
Silver	<0.00039		0.0500	0.0551		mg/L		110	75 - 125	5	20	
Thallium	<0.00026		0.0500	0.0562		mg/L		112	75 - 125	5	20	
Vanadium	0.00080	J	0.100	0.104		mg/L		103	75 - 125	6	20	
Zinc	0.0092		0.0505	0.0609		mg/L		102	75 - 125	5	20	

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QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247131-1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: 680-247136-A-14-C MSD
Matrix: Water
Analysis Batch: 824936

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 824448

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lithium	<0.0020		0.500	0.463		mg/L		93	75 - 125	5	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 680-824612/1-A
Matrix: Water
Analysis Batch: 825049

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 824612

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/26/24 15:25	02/28/24 13:53	1

Lab Sample ID: LCS 680-824612/2-A
Matrix: Water
Analysis Batch: 825049

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 824612

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00250	0.00264		mg/L		106	80 - 120

Lab Sample ID: 680-247015-E-1-H MS
Matrix: Water
Analysis Batch: 825049

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 824612

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.000080		0.00100	0.00103		mg/L		103	80 - 120

Lab Sample ID: 680-247015-E-1-I MSD
Matrix: Water
Analysis Batch: 825049

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 824612

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.000080		0.00100	0.00109		mg/L		109	80 - 120	6	20

Lab Sample ID: MB 680-825198/1-A
Matrix: Water
Analysis Batch: 825433

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 825198

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/29/24 12:33	02/29/24 17:00	1

Lab Sample ID: LCS 680-825198/2-A
Matrix: Water
Analysis Batch: 825433

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 825198

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00250	0.00242		mg/L		97	80 - 120

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QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247131-1

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

Lab Sample ID: 680-247150-B-9-C MS
Matrix: Water
Analysis Batch: 825433

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 825198

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.000080		0.00100	0.000941		mg/L		94	80 - 120

Lab Sample ID: 680-247150-B-9-D MSD
Matrix: Water
Analysis Batch: 825433

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 825198

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.000080		0.00100	0.000877		mg/L		88	80 - 120	7	20

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

Lab Sample ID: MB 680-824879/1
Matrix: Water
Analysis Batch: 824879

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			02/27/24 18:01	1

Lab Sample ID: LCS 680-824879/2
Matrix: Water
Analysis Batch: 824879

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	2410	2420		mg/L		100	80 - 120

Lab Sample ID: LCSD 680-824879/3
Matrix: Water
Analysis Batch: 824879

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids	2410	2420		mg/L		100	80 - 120	0	25

Lab Sample ID: 680-247026-C-7 DU
Matrix: Water
Analysis Batch: 824879

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	320		312		mg/L		4	5

Lab Sample ID: 680-247026-C-8 DU
Matrix: Water
Analysis Batch: 824879

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	380		370		mg/L		3	5

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QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247131-1

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

Lab Sample ID: MB 680-824887/1
Matrix: Water
Analysis Batch: 824887

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			02/27/24 21:02	1

Lab Sample ID: LCS 680-824887/2
Matrix: Water
Analysis Batch: 824887

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	2410	2440		mg/L		101	80 - 120

Lab Sample ID: LCSD 680-824887/3
Matrix: Water
Analysis Batch: 824887

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids	2410	2440		mg/L		101	80 - 120	0	25

Lab Sample ID: 680-247131-10 DU
Matrix: Water
Analysis Batch: 824887

Client Sample ID: SCH-GWC-31
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	150		145		mg/L		2	5

Lab Sample ID: MB 680-824971/1
Matrix: Water
Analysis Batch: 824971

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			02/28/24 10:43	1

Lab Sample ID: LCS 680-824971/2
Matrix: Water
Analysis Batch: 824971

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	2410	2420		mg/L		100	80 - 120

Lab Sample ID: LCSD 680-824971/3
Matrix: Water
Analysis Batch: 824971

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids	2410	2420		mg/L		100	80 - 120	0	25

Lab Sample ID: 680-247168-C-1 DU
Matrix: Water
Analysis Batch: 824971

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	370		340	F3	mg/L		7	5

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QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247131-1

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

Lab Sample ID: 680-247203-C-3 DU
Matrix: Water
Analysis Batch: 824971

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	490		494		mg/L		1	5

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

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247131-1

HPLC/IC

Analysis Batch: 78938

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247131-1	SCH-GWC-35	Total/NA	Water	300.0	
680-247131-2	SCH-CELL3-FB-9	Total/NA	Water	300.0	
680-247131-3	SCH-GWC-36	Total/NA	Water	300.0	
680-247131-4	SCH-CELL3-EB-9	Total/NA	Water	300.0	
680-247131-5	SCH-GWC-37	Total/NA	Water	300.0	
680-247131-6	SCH-CELL3-FB-10	Total/NA	Water	300.0	
680-247131-7	SCH-GWC-38	Total/NA	Water	300.0	
680-247131-8	SCH-CELL3-FD-10	Total/NA	Water	300.0	
680-247131-9	SCH-GWA-44A	Total/NA	Water	300.0	
680-247131-10	SCH-GWC-31	Total/NA	Water	300.0	
680-247131-11	SCH-GWC-30	Total/NA	Water	300.0	
680-247131-12	SCH-GWC-32	Total/NA	Water	300.0	
680-247131-13	SCH-GWA-43	Total/NA	Water	300.0	
680-247131-14	SCH-GWC-33A	Total/NA	Water	300.0	
680-247131-15	SCH-CELL3-FD-9	Total/NA	Water	300.0	
MB 670-78938/11	Method Blank	Total/NA	Water	300.0	
MB 670-78938/42	Method Blank	Total/NA	Water	300.0	
LCS 670-78938/40	Lab Control Sample	Total/NA	Water	300.0	
LCS 670-78938/9	Lab Control Sample	Total/NA	Water	300.0	
LCSD 670-78938/10	Lab Control Sample Dup	Total/NA	Water	300.0	
LCSD 670-78938/41	Lab Control Sample Dup	Total/NA	Water	300.0	
680-247131-4 MS	SCH-CELL3-EB-9	Total/NA	Water	300.0	
680-247131-4 MSD	SCH-CELL3-EB-9	Total/NA	Water	300.0	

Metals

Prep Batch: 824448

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247131-1	SCH-GWC-35	Total Recoverable	Water	3005A	
680-247131-2	SCH-CELL3-FB-9	Total Recoverable	Water	3005A	
680-247131-3	SCH-GWC-36	Total Recoverable	Water	3005A	
680-247131-4	SCH-CELL3-EB-9	Total Recoverable	Water	3005A	
680-247131-5	SCH-GWC-37	Total Recoverable	Water	3005A	
680-247131-6	SCH-CELL3-FB-10	Total Recoverable	Water	3005A	
680-247131-7	SCH-GWC-38	Total Recoverable	Water	3005A	
680-247131-8	SCH-CELL3-FD-10	Total Recoverable	Water	3005A	
680-247131-9	SCH-GWA-44A	Total Recoverable	Water	3005A	
680-247131-10	SCH-GWC-31	Total Recoverable	Water	3005A	
680-247131-11	SCH-GWC-30	Total Recoverable	Water	3005A	
680-247131-12	SCH-GWC-32	Total Recoverable	Water	3005A	
680-247131-13	SCH-GWA-43	Total Recoverable	Water	3005A	
680-247131-14	SCH-GWC-33A	Total Recoverable	Water	3005A	
680-247131-15	SCH-CELL3-FD-9	Total Recoverable	Water	3005A	
MB 680-824448/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-824448/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
680-247136-A-14-B MS	Matrix Spike	Total Recoverable	Water	3005A	
680-247136-A-14-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Prep Batch: 824612

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247131-1	SCH-GWC-35	Total/NA	Water	7470A	

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QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247131-1

Metals (Continued)

Prep Batch: 824612 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247131-2	SCH-CELL3-FB-9	Total/NA	Water	7470A	
680-247131-3	SCH-GWC-36	Total/NA	Water	7470A	
680-247131-4	SCH-CELL3-EB-9	Total/NA	Water	7470A	
680-247131-5	SCH-GWC-37	Total/NA	Water	7470A	
680-247131-6	SCH-CELL3-FB-10	Total/NA	Water	7470A	
680-247131-7	SCH-GWC-38	Total/NA	Water	7470A	
MB 680-824612/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-824612/2-A	Lab Control Sample	Total/NA	Water	7470A	
680-247015-E-1-H MS	Matrix Spike	Total/NA	Water	7470A	
680-247015-E-1-I MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 824692

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247131-1	SCH-GWC-35	Total Recoverable	Water	6020B	824448
680-247131-2	SCH-CELL3-FB-9	Total Recoverable	Water	6020B	824448
680-247131-3	SCH-GWC-36	Total Recoverable	Water	6020B	824448
680-247131-4	SCH-CELL3-EB-9	Total Recoverable	Water	6020B	824448
680-247131-5	SCH-GWC-37	Total Recoverable	Water	6020B	824448
680-247131-6	SCH-CELL3-FB-10	Total Recoverable	Water	6020B	824448
680-247131-7	SCH-GWC-38	Total Recoverable	Water	6020B	824448
680-247131-8	SCH-CELL3-FD-10	Total Recoverable	Water	6020B	824448
680-247131-9	SCH-GWA-44A	Total Recoverable	Water	6020B	824448
680-247131-10	SCH-GWC-31	Total Recoverable	Water	6020B	824448
680-247131-11	SCH-GWC-30	Total Recoverable	Water	6020B	824448
680-247131-12	SCH-GWC-32	Total Recoverable	Water	6020B	824448
680-247131-13	SCH-GWA-43	Total Recoverable	Water	6020B	824448
680-247131-14	SCH-GWC-33A	Total Recoverable	Water	6020B	824448
680-247131-15	SCH-CELL3-FD-9	Total Recoverable	Water	6020B	824448
MB 680-824448/1-A	Method Blank	Total Recoverable	Water	6020B	824448
LCS 680-824448/2-A	Lab Control Sample	Total Recoverable	Water	6020B	824448
680-247136-A-14-B MS	Matrix Spike	Total Recoverable	Water	6020B	824448
680-247136-A-14-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	824448

Analysis Batch: 824936

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247131-1	SCH-GWC-35	Total Recoverable	Water	6020B	824448
680-247131-2	SCH-CELL3-FB-9	Total Recoverable	Water	6020B	824448
680-247131-3	SCH-GWC-36	Total Recoverable	Water	6020B	824448
680-247131-4	SCH-CELL3-EB-9	Total Recoverable	Water	6020B	824448
680-247131-5	SCH-GWC-37	Total Recoverable	Water	6020B	824448
680-247131-6	SCH-CELL3-FB-10	Total Recoverable	Water	6020B	824448
680-247131-7	SCH-GWC-38	Total Recoverable	Water	6020B	824448
680-247131-8	SCH-CELL3-FD-10	Total Recoverable	Water	6020B	824448
680-247131-9	SCH-GWA-44A	Total Recoverable	Water	6020B	824448
680-247131-10	SCH-GWC-31	Total Recoverable	Water	6020B	824448
680-247131-11	SCH-GWC-30	Total Recoverable	Water	6020B	824448
680-247131-12	SCH-GWC-32	Total Recoverable	Water	6020B	824448
680-247131-13	SCH-GWA-43	Total Recoverable	Water	6020B	824448
680-247131-14	SCH-GWC-33A	Total Recoverable	Water	6020B	824448
680-247131-15	SCH-CELL3-FD-9	Total Recoverable	Water	6020B	824448
MB 680-824448/1-A	Method Blank	Total Recoverable	Water	6020B	824448

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QC Association Summary

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247131-1

Metals (Continued)

Analysis Batch: 824936 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 680-824448/2-A	Lab Control Sample	Total Recoverable	Water	6020B	824448
680-247136-A-14-B MS	Matrix Spike	Total Recoverable	Water	6020B	824448
680-247136-A-14-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	824448

Analysis Batch: 825049

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247131-1	SCH-GWC-35	Total/NA	Water	7470A	824612
680-247131-2	SCH-CELL3-FB-9	Total/NA	Water	7470A	824612
680-247131-3	SCH-GWC-36	Total/NA	Water	7470A	824612
680-247131-4	SCH-CELL3-EB-9	Total/NA	Water	7470A	824612
680-247131-5	SCH-GWC-37	Total/NA	Water	7470A	824612
680-247131-6	SCH-CELL3-FB-10	Total/NA	Water	7470A	824612
680-247131-7	SCH-GWC-38	Total/NA	Water	7470A	824612
MB 680-824612/1-A	Method Blank	Total/NA	Water	7470A	824612
LCS 680-824612/2-A	Lab Control Sample	Total/NA	Water	7470A	824612
680-247015-E-1-H MS	Matrix Spike	Total/NA	Water	7470A	824612
680-247015-E-1-I MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	824612

Prep Batch: 825198

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247131-8	SCH-CELL3-FD-10	Total/NA	Water	7470A	
680-247131-9	SCH-GWA-44A	Total/NA	Water	7470A	
680-247131-10	SCH-GWC-31	Total/NA	Water	7470A	
680-247131-11	SCH-GWC-30	Total/NA	Water	7470A	
680-247131-12	SCH-GWC-32	Total/NA	Water	7470A	
680-247131-13	SCH-GWA-43	Total/NA	Water	7470A	
680-247131-14	SCH-GWC-33A	Total/NA	Water	7470A	
680-247131-15	SCH-CELL3-FD-9	Total/NA	Water	7470A	
MB 680-825198/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-825198/2-A	Lab Control Sample	Total/NA	Water	7470A	
680-247150-B-9-C MS	Matrix Spike	Total/NA	Water	7470A	
680-247150-B-9-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 825433

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247131-8	SCH-CELL3-FD-10	Total/NA	Water	7470A	825198
680-247131-9	SCH-GWA-44A	Total/NA	Water	7470A	825198
680-247131-10	SCH-GWC-31	Total/NA	Water	7470A	825198
680-247131-11	SCH-GWC-30	Total/NA	Water	7470A	825198
680-247131-12	SCH-GWC-32	Total/NA	Water	7470A	825198
680-247131-13	SCH-GWA-43	Total/NA	Water	7470A	825198
680-247131-14	SCH-GWC-33A	Total/NA	Water	7470A	825198
680-247131-15	SCH-CELL3-FD-9	Total/NA	Water	7470A	825198
MB 680-825198/1-A	Method Blank	Total/NA	Water	7470A	825198
LCS 680-825198/2-A	Lab Control Sample	Total/NA	Water	7470A	825198
680-247150-B-9-C MS	Matrix Spike	Total/NA	Water	7470A	825198
680-247150-B-9-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	825198

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247131-1

General Chemistry

Analysis Batch: 824879

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247131-1	SCH-GWC-35	Total/NA	Water	2540C-2011	
680-247131-2	SCH-CELL3-FB-9	Total/NA	Water	2540C-2011	
680-247131-4	SCH-CELL3-EB-9	Total/NA	Water	2540C-2011	
680-247131-7	SCH-GWC-38	Total/NA	Water	2540C-2011	
680-247131-9	SCH-GWA-44A	Total/NA	Water	2540C-2011	
680-247131-11	SCH-GWC-30	Total/NA	Water	2540C-2011	
MB 680-824879/1	Method Blank	Total/NA	Water	2540C-2011	
LCS 680-824879/2	Lab Control Sample	Total/NA	Water	2540C-2011	
LCSD 680-824879/3	Lab Control Sample Dup	Total/NA	Water	2540C-2011	
680-247026-C-7 DU	Duplicate	Total/NA	Water	2540C-2011	
680-247026-C-8 DU	Duplicate	Total/NA	Water	2540C-2011	

Analysis Batch: 824887

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247131-3	SCH-GWC-36	Total/NA	Water	2540C-2011	
680-247131-5	SCH-GWC-37	Total/NA	Water	2540C-2011	
680-247131-6	SCH-CELL3-FB-10	Total/NA	Water	2540C-2011	
680-247131-8	SCH-CELL3-FD-10	Total/NA	Water	2540C-2011	
680-247131-10	SCH-GWC-31	Total/NA	Water	2540C-2011	
MB 680-824887/1	Method Blank	Total/NA	Water	2540C-2011	
LCS 680-824887/2	Lab Control Sample	Total/NA	Water	2540C-2011	
LCSD 680-824887/3	Lab Control Sample Dup	Total/NA	Water	2540C-2011	
680-247131-10 DU	SCH-GWC-31	Total/NA	Water	2540C-2011	

Analysis Batch: 824971

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247131-12	SCH-GWC-32	Total/NA	Water	2540C-2011	
680-247131-13	SCH-GWA-43	Total/NA	Water	2540C-2011	
680-247131-14	SCH-GWC-33A	Total/NA	Water	2540C-2011	
680-247131-15	SCH-CELL3-FD-9	Total/NA	Water	2540C-2011	
MB 680-824971/1	Method Blank	Total/NA	Water	2540C-2011	
LCS 680-824971/2	Lab Control Sample	Total/NA	Water	2540C-2011	
LCSD 680-824971/3	Lab Control Sample Dup	Total/NA	Water	2540C-2011	
680-247168-C-1 DU	Duplicate	Total/NA	Water	2540C-2011	
680-247203-C-3 DU	Duplicate	Total/NA	Water	2540C-2011	

Lab Chronicle

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247131-1

Client Sample ID: SCH-GWC-35
Date Collected: 02/22/24 14:51
Date Received: 02/24/24 09:52

Lab Sample ID: 680-247131-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		2	0 mL	1.0 mL	78938	03/04/24 22:58	KS	EET ORL
Instrument ID: IC_001										
Total Recoverable	Prep	3005A			25 mL	125 mL	824448	02/26/24 07:59	RR	EET SAV
Total Recoverable	Analysis	6020B		1			824692	02/26/24 16:12	BWR	EET SAV
Instrument ID: ICPMSD										
Total Recoverable	Prep	3005A			25 mL	125 mL	824448	02/26/24 07:59	RR	EET SAV
Total Recoverable	Analysis	6020B		1			824936	02/27/24 16:01	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	824612	02/26/24 15:25	DW	EET SAV
Total/NA	Analysis	7470A		1			825049	02/28/24 14:32	DW	EET SAV
Instrument ID: QuickTrace2										
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	824879	02/27/24 18:01	PG	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-CELL3-FB-9
Date Collected: 02/22/24 15:35
Date Received: 02/24/24 09:52

Lab Sample ID: 680-247131-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	0 mL	1.0 mL	78938	03/04/24 23:14	KS	EET ORL
Instrument ID: IC_001										
Total Recoverable	Prep	3005A			25 mL	125 mL	824448	02/26/24 07:59	RR	EET SAV
Total Recoverable	Analysis	6020B		1			824692	02/26/24 16:09	BWR	EET SAV
Instrument ID: ICPMSD										
Total Recoverable	Prep	3005A			25 mL	125 mL	824448	02/26/24 07:59	RR	EET SAV
Total Recoverable	Analysis	6020B		1			824936	02/27/24 15:12	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	824612	02/26/24 15:25	DW	EET SAV
Total/NA	Analysis	7470A		1			825049	02/28/24 14:34	DW	EET SAV
Instrument ID: QuickTrace2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	824879	02/27/24 18:01	PG	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWC-36
Date Collected: 02/22/24 13:39
Date Received: 02/24/24 09:52

Lab Sample ID: 680-247131-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	0 mL	1.0 mL	78938	03/04/24 23:30	KS	EET ORL
Instrument ID: IC_001										
Total Recoverable	Prep	3005A			25 mL	125 mL	824448	02/26/24 07:59	RR	EET SAV
Total Recoverable	Analysis	6020B		1			824692	02/26/24 16:04	BWR	EET SAV
Instrument ID: ICPMSD										
Total Recoverable	Prep	3005A			25 mL	125 mL	824448	02/26/24 07:59	RR	EET SAV
Total Recoverable	Analysis	6020B		1			824936	02/27/24 15:07	BWR	EET SAV
Instrument ID: ICPMSD										

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Lab Chronicle

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247131-1

Client Sample ID: SCH-GWC-36

Lab Sample ID: 680-247131-3

Date Collected: 02/22/24 13:39

Matrix: Water

Date Received: 02/24/24 09:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			50 mL	50 mL	824612	02/26/24 15:25	DW	EET SAV
Total/NA	Analysis	7470A		1			825049	02/28/24 14:36	DW	EET SAV
Instrument ID: QuickTrace2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	824887	02/27/24 21:02	PG	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-CELL3-EB-9

Lab Sample ID: 680-247131-4

Date Collected: 02/22/24 15:45

Matrix: Water

Date Received: 02/24/24 09:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	0 mL	1.0 mL	78938	03/05/24 01:05	KS	EET ORL
Instrument ID: IC_001										
Total Recoverable	Prep	3005A			25 mL	125 mL	824448	02/26/24 07:59	RR	EET SAV
Total Recoverable	Analysis	6020B		1			824692	02/26/24 16:15	BWR	EET SAV
Instrument ID: ICPMSD										
Total Recoverable	Prep	3005A			25 mL	125 mL	824448	02/26/24 07:59	RR	EET SAV
Total Recoverable	Analysis	6020B		1			824936	02/27/24 15:18	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	824612	02/26/24 15:25	DW	EET SAV
Total/NA	Analysis	7470A		1			825049	02/28/24 14:43	DW	EET SAV
Instrument ID: QuickTrace2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	824879	02/27/24 18:01	PG	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWC-37

Lab Sample ID: 680-247131-5

Date Collected: 02/22/24 12:32

Matrix: Water

Date Received: 02/24/24 09:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	0 mL	1.0 mL	78938	03/05/24 01:53	KS	EET ORL
Instrument ID: IC_001										
Total Recoverable	Prep	3005A			25 mL	125 mL	824448	02/26/24 07:59	RR	EET SAV
Total Recoverable	Analysis	6020B		1			824692	02/26/24 15:49	BWR	EET SAV
Instrument ID: ICPMSD										
Total Recoverable	Prep	3005A			25 mL	125 mL	824448	02/26/24 07:59	RR	EET SAV
Total Recoverable	Analysis	6020B		1			824936	02/27/24 15:52	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	824612	02/26/24 15:25	DW	EET SAV
Total/NA	Analysis	7470A		1			825049	02/28/24 14:45	DW	EET SAV
Instrument ID: QuickTrace2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	824887	02/27/24 21:02	PG	EET SAV
Instrument ID: NOEQUIP										

Lab Chronicle

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247131-1

Client Sample ID: SCH-CELL3-FB-10
Date Collected: 02/22/24 12:10
Date Received: 02/24/24 09:52

Lab Sample ID: 680-247131-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	0 mL	1.0 mL	78938	03/05/24 02:09	KS	EET ORL
Instrument ID: IC_001										
Total Recoverable	Prep	3005A			25 mL	125 mL	824448	02/26/24 07:59	RR	EET SAV
Total Recoverable	Analysis	6020B		1			824692	02/26/24 16:35	BWR	EET SAV
Instrument ID: ICPMSD										
Total Recoverable	Prep	3005A			25 mL	125 mL	824448	02/26/24 07:59	RR	EET SAV
Total Recoverable	Analysis	6020B		1			824936	02/27/24 15:38	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	824612	02/26/24 15:25	DW	EET SAV
Total/NA	Analysis	7470A		1			825049	02/28/24 14:47	DW	EET SAV
Instrument ID: QuickTrace2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	824887	02/27/24 21:02	PG	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWC-38
Date Collected: 02/22/24 10:47
Date Received: 02/24/24 09:52

Lab Sample ID: 680-247131-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	0 mL	1.0 mL	78938	03/05/24 02:25	KS	EET ORL
Instrument ID: IC_001										
Total Recoverable	Prep	3005A			25 mL	125 mL	824448	02/26/24 07:59	RR	EET SAV
Total Recoverable	Analysis	6020B		1			824692	02/26/24 16:24	BWR	EET SAV
Instrument ID: ICPMSD										
Total Recoverable	Prep	3005A			25 mL	125 mL	824448	02/26/24 07:59	RR	EET SAV
Total Recoverable	Analysis	6020B		1			824936	02/27/24 15:32	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	824612	02/26/24 15:25	DW	EET SAV
Total/NA	Analysis	7470A		1			825049	02/28/24 14:49	DW	EET SAV
Instrument ID: QuickTrace2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	824879	02/27/24 18:01	PG	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-CELL3-FD-10
Date Collected: 02/22/24 00:00
Date Received: 02/24/24 09:52

Lab Sample ID: 680-247131-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	0 mL	1.0 mL	78938	03/05/24 02:41	KS	EET ORL
Instrument ID: IC_001										
Total Recoverable	Prep	3005A			25 mL	125 mL	824448	02/26/24 07:59	RR	EET SAV
Total Recoverable	Analysis	6020B		1			824692	02/26/24 16:26	BWR	EET SAV
Instrument ID: ICPMSD										
Total Recoverable	Prep	3005A			25 mL	125 mL	824448	02/26/24 07:59	RR	EET SAV
Total Recoverable	Analysis	6020B		1			824936	02/27/24 15:35	BWR	EET SAV
Instrument ID: ICPMSD										

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Lab Chronicle

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247131-1

Client Sample ID: SCH-CELL3-FD-10

Lab Sample ID: 680-247131-8

Date Collected: 02/22/24 00:00

Matrix: Water

Date Received: 02/24/24 09:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			50 mL	50 mL	825198	02/29/24 12:33	DW	EET SAV
Total/NA	Analysis	7470A		1			825433	02/29/24 17:26	DW	EET SAV
Instrument ID: QuickTrace2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	824887	02/27/24 21:02	PG	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWA-44A

Lab Sample ID: 680-247131-9

Date Collected: 02/22/24 10:37

Matrix: Water

Date Received: 02/24/24 09:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	0 mL	1.0 mL	78938	03/05/24 02:57	KS	EET ORL
Instrument ID: IC_001										
Total Recoverable	Prep	3005A			25 mL	125 mL	824448	02/26/24 07:59	RR	EET SAV
Total Recoverable	Analysis	6020B		1			824692	02/26/24 15:46	BWR	EET SAV
Instrument ID: ICPMSD										
Total Recoverable	Prep	3005A			25 mL	125 mL	824448	02/26/24 07:59	RR	EET SAV
Total Recoverable	Analysis	6020B		1			824936	02/27/24 14:55	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	825198	02/29/24 12:33	DW	EET SAV
Total/NA	Analysis	7470A		1			825433	02/29/24 17:29	DW	EET SAV
Instrument ID: QuickTrace2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	824879	02/27/24 18:01	PG	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWC-31

Lab Sample ID: 680-247131-10

Date Collected: 02/22/24 11:57

Matrix: Water

Date Received: 02/24/24 09:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	0 mL	1.0 mL	78938	03/05/24 03:13	KS	EET ORL
Instrument ID: IC_001										
Total Recoverable	Prep	3005A			25 mL	125 mL	824448	02/26/24 07:59	RR	EET SAV
Total Recoverable	Analysis	6020B		1			824692	02/26/24 16:18	BWR	EET SAV
Instrument ID: ICPMSD										
Total Recoverable	Prep	3005A			25 mL	125 mL	824448	02/26/24 07:59	RR	EET SAV
Total Recoverable	Analysis	6020B		1			824936	02/27/24 15:27	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	825198	02/29/24 12:33	DW	EET SAV
Total/NA	Analysis	7470A		1			825433	02/29/24 17:31	DW	EET SAV
Instrument ID: QuickTrace2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	824887	02/27/24 21:02	PG	EET SAV
Instrument ID: NOEQUIP										

Eurofins Savannah

Lab Chronicle

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247131-1

Client Sample ID: SCH-GWC-30
Date Collected: 02/22/24 11:07
Date Received: 02/24/24 09:52

Lab Sample ID: 680-247131-11
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	0 mL	1.0 mL	78938	03/05/24 03:28	KS	EET ORL
Instrument ID: IC_001										
Total Recoverable	Prep	3005A			25 mL	125 mL	824448	02/26/24 07:59	RR	EET SAV
Total Recoverable	Analysis	6020B		1			824692	02/26/24 15:44	BWR	EET SAV
Instrument ID: ICPMSD										
Total Recoverable	Prep	3005A			25 mL	125 mL	824448	02/26/24 07:59	RR	EET SAV
Total Recoverable	Analysis	6020B		1			824936	02/27/24 14:52	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	825198	02/29/24 12:33	DW	EET SAV
Total/NA	Analysis	7470A		1			825433	02/29/24 17:33	DW	EET SAV
Instrument ID: QuickTrace2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	824879	02/27/24 18:01	PG	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWC-32
Date Collected: 02/22/24 14:19
Date Received: 02/24/24 09:52

Lab Sample ID: 680-247131-12
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	0 mL	1.0 mL	78938	03/05/24 03:44	KS	EET ORL
Instrument ID: IC_001										
Total Recoverable	Prep	3005A			25 mL	125 mL	824448	02/26/24 07:59	RR	EET SAV
Total Recoverable	Analysis	6020B		1			824692	02/26/24 16:01	BWR	EET SAV
Instrument ID: ICPMSD										
Total Recoverable	Prep	3005A			25 mL	125 mL	824448	02/26/24 07:59	RR	EET SAV
Total Recoverable	Analysis	6020B		1			824936	02/27/24 15:04	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	825198	02/29/24 12:33	DW	EET SAV
Total/NA	Analysis	7470A		1			825433	02/29/24 17:35	DW	EET SAV
Instrument ID: QuickTrace2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	824971	02/28/24 10:43	PG	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWA-43
Date Collected: 02/22/24 16:10
Date Received: 02/24/24 09:52

Lab Sample ID: 680-247131-13
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		2	0 mL	1.0 mL	78938	03/05/24 04:00	KS	EET ORL
Instrument ID: IC_001										
Total Recoverable	Prep	3005A			25 mL	125 mL	824448	02/26/24 07:59	RR	EET SAV
Total Recoverable	Analysis	6020B		1			824692	02/26/24 16:21	BWR	EET SAV
Instrument ID: ICPMSD										
Total Recoverable	Prep	3005A			25 mL	125 mL	824448	02/26/24 07:59	RR	EET SAV
Total Recoverable	Analysis	6020B		1			824936	02/27/24 15:30	BWR	EET SAV
Instrument ID: ICPMSD										

Eurofins Savannah

Lab Chronicle

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247131-1

Client Sample ID: SCH-GWA-43

Lab Sample ID: 680-247131-13

Date Collected: 02/22/24 16:10

Matrix: Water

Date Received: 02/24/24 09:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			50 mL	50 mL	825198	02/29/24 12:33	DW	EET SAV
Total/NA	Analysis	7470A		1			825433	02/29/24 17:37	DW	EET SAV
Instrument ID: QuickTrace2										
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	824971	02/28/24 10:43	PG	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWC-33A

Lab Sample ID: 680-247131-14

Date Collected: 02/22/24 15:57

Matrix: Water

Date Received: 02/24/24 09:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	0 mL	1.0 mL	78938	03/05/24 05:36	KS	EET ORL
Instrument ID: IC_001										
Total Recoverable	Prep	3005A			25 mL	125 mL	824448	02/26/24 07:59	RR	EET SAV
Total Recoverable	Analysis	6020B		1			824692	02/26/24 15:52	BWR	EET SAV
Instrument ID: ICPMSD										
Total Recoverable	Prep	3005A			25 mL	125 mL	824448	02/26/24 07:59	RR	EET SAV
Total Recoverable	Analysis	6020B		1			824936	02/27/24 15:01	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	825198	02/29/24 12:33	DW	EET SAV
Total/NA	Analysis	7470A		1			825433	02/29/24 17:39	DW	EET SAV
Instrument ID: QuickTrace2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	824971	02/28/24 10:43	PG	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-CELL3-FD-9

Lab Sample ID: 680-247131-15

Date Collected: 02/22/24 00:00

Matrix: Water

Date Received: 02/24/24 09:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	0 mL	1.0 mL	78938	03/05/24 05:51	KS	EET ORL
Instrument ID: IC_001										
Total Recoverable	Prep	3005A			25 mL	125 mL	824448	02/26/24 07:59	RR	EET SAV
Total Recoverable	Analysis	6020B		1			824692	02/26/24 16:06	BWR	EET SAV
Instrument ID: ICPMSD										
Total Recoverable	Prep	3005A			25 mL	125 mL	824448	02/26/24 07:59	RR	EET SAV
Total Recoverable	Analysis	6020B		1			824936	02/27/24 15:10	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	825198	02/29/24 12:33	DW	EET SAV
Total/NA	Analysis	7470A		1			825433	02/29/24 17:41	DW	EET SAV
Instrument ID: QuickTrace2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	824971	02/28/24 10:43	PG	EET SAV
Instrument ID: NOEQUIP										

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247131-1

Laboratory References:

EET ORL = Eurofins Orlando, 481 Newburyport Avenue, Altamonte Springs, FL 32701, TEL (407)339-5984

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

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Accreditation/Certification Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247131-1

Laboratory: Eurofins Savannah

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

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87052	06-30-24
Georgia	State	E87052	06-30-24

Laboratory: Eurofins Orlando

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

Authority	Program	Identification Number	Expiration Date
Alabama	State	42800	06-30-24
Arkansas (DW)	State	FL00091	06-30-24
Florida	NELAP	E83018	06-30-24
Georgia (DW)	State	C055	06-30-24
Louisiana (All)	NELAP	239316	06-30-24
Louisiana (DW)	State	LA039	05-24-24
Mississippi	State	MS00007	06-30-24
New Mexico	State	FL00091	06-30-24
North Carolina (DW)	State	12712	07-31-24
Tennessee	State	TN04930	06-30-24
Texas	NELAP	T104704571	02-28-25
Washington	State	C1089	10-19-24

Method Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247131-1

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	EPA	EET ORL
6020B	Metals (ICP/MS)	SW846	EET SAV
7470A	Mercury (CVAA)	SW846	EET SAV
2540C-2011	Total Dissolved Solids (Dried at 180 °C)	SM	EET SAV
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET SAV
7470A	Preparation, Mercury	SW846	EET SAV

Protocol References:

EPA = US Environmental Protection Agency

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

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

Laboratory References:

EET ORL = Eurofins Orlando, 481 Newburyport Avenue, Altamonte Springs, FL 32701, TEL (407)339-5984

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

Eurofins Savannah

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

Chain of Custody Record



244 ATLANTA

Client Information		Sampler(s): Mark Mann		Lab PM / Phone: David Fuller / 770-344-8986		Carrier Tracking No(s):		DOC No:							
Client Contact: Joju Abraham		Site-Project Manager / Phone: Dawn Prell / 248-536-5445		E-Mail: David.Fuller@et.eurofinsus.com		State of Origin: GA		Page: Page 1 of 2							
Company: Southern Company				Analysis Requested				Job #:							
Address: 241 Ralph McGill Blvd SE B10185		Due Date Requested:													
City: Atlanta		TAT Requested (days): 2 weeks													
State, Zip: GA, 30308		Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No													
Phone:		Lab Project #: (DO NOT REMOVE) 68027798													
Email: JAbraham@southernco.com		Lab PO #: GPC82130-0006 / PO Line #5													
Project Name: CCR - Plant Scherer Cell 3		Project #:													
Site:															
								Preservation Codes: A - HCL M - Hexane B - NaOH N - None C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2S2O3 G - Amchlor S - H2SO4 H - Ascorbic Acid T - TSP Dodecahydrate I - Ice U - Acetone J - DI Water V - MCAA K - EDTA W - pH 4-5 L - EDA Y - Trizma Z - other (specify)							
								Task Code: SCH-CCR-OTH-20240222 Special Instructions/Notes:							
Sample Identification		Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_280 - Chloride, Fluoride, Sulfate	2540C - Solids, Total Dissolved (TDS)	6020B - Select ICP/MS (19) Metals	7470A - App IV Mercury	9316_Ra226 - Radium 226	9320_Ra228 - Radium 228	Ra228Ra228_GFPC - Combined Radium 226 and 228	Total Number of containers
				Preservation Code:		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N	N	D	D	D	D	D	
SCH-GWC-35	2/22/24	14:51	G	WG		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N	N	X	X	X	X	X	5
SCH-CELL3-FB-9	2/22/24	15:35	G	WQ		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N	N	X	X	X	X	X	5
SCH-GWC-36	2/22/24	13:39	G	WG		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N	N	X	X	X	X	X	5
SCH-CELL3-EB-9	2/22/24	15:45	G	WQ		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N	N	X	X	X	X	X	5
SCH-GWC-37	2/22/24	12:32	G	WG		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N	N	X	X	X	X	X	5
SCH-CELL3-FB-10	2/22/24	12:10	G	WQ		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N	N	X	X	X	X	X	5
SCH-GWC-38	2/22/24	10:47	G	WG		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N	N	X	X	X	X	X	5
SCH-CELL3-FD-10	2/22/24	-	G	WG		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N	N	X	X	X	X	X	5
SCH-GWA-44A	2/22/24	10:37	G	WG		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N	N	X	X	X	X	X	5
SCH-GWC-31	2/22/24	11:57	G	WG		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N	N	X	X	X	X	X	7 Extra Rad
SCH-GWC-30	2/22/24	11:07	G	WG		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N	N	X	X	X	X	X	5
Possible Hazard Identification						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)									
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> ammable <input type="checkbox"/> Skant <input type="checkbox"/> Poison B <input type="checkbox"/> Toxic <input type="checkbox"/> Biological						<input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months									
Deliverable Requested: I, II, III, IV, Other (specify)						Special Instructions/QC Requirements:									
Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:									
Relinquished by: MARK MANN <i>Mark Mann</i>		Date/Time: 02/22/24 1535		Company: WSP		Received by: <i>Joju Abraham</i>		Date/Time: 2/23/24 15:35		Company: Eurofins					
Relinquished by: <i>Joju Abraham</i>		Date/Time: 2/23/24 16:00		Company: Eurofins		Received by: <i>C. Mann</i>		Date/Time: 2/24/24 0952		Company: Eurofins					
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:				Cooler Temperature(s) °C and Other Remarks: 27.7 0.6/0.6 25/2.5 18/1.8 1.3/1.3									



Eurofins Savannah

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

Chain of Custody Record

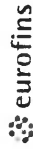
244-ATLANTA
eurofins
Environmental Testing

Client Information		Sampler(s): Mark Mann		Lab PM / Phone: David Fuller / 770-344-8986		Carrier Tracking No(s):		COC No:																				
Client Contact: Joju Abraham		Site-Project Manager / Phone: Dawn Prell / 248-536-5445		E-Mail: David.Fuller@et.eurofinsus.com		State of Origin: GA		Page: Page 2 of 2																				
Company: Southern Company				Analysis Requested				Job #:																				
Address: 241 Ralph McGill Blvd SE B10185		Due Date Requested:		<table border="1"> <tr> <td>Field Filtered Sample (Yes or No)</td> <td>Perform MS/MSD (Yes or No)</td> <td>300_ORGFM_20D - Chloride, Fluoride, Sulfate</td> <td>2540C - Solids, Total Dissolved (TDS)</td> <td>6020B - Select ICPMS (19) Metals</td> <td>7470A - App IV Mercury</td> <td>9315_Ra226 - Radium 226</td> <td>9320_Ra228 - Radium 228</td> <td>Ra226Ra228_GFPC - Combined Radium 226 and 228</td> <td>Total Number of containers</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>				Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_20D - Chloride, Fluoride, Sulfate	2540C - Solids, Total Dissolved (TDS)	6020B - Select ICPMS (19) Metals	7470A - App IV Mercury	9315_Ra226 - Radium 226	9320_Ra228 - Radium 228	Ra226Ra228_GFPC - Combined Radium 226 and 228	Total Number of containers										Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Y - Trizma Z - other (specify)	
Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_20D - Chloride, Fluoride, Sulfate	2540C - Solids, Total Dissolved (TDS)					6020B - Select ICPMS (19) Metals	7470A - App IV Mercury	9315_Ra226 - Radium 226	9320_Ra228 - Radium 228	Ra226Ra228_GFPC - Combined Radium 226 and 228	Total Number of containers															
City: Atlanta		TAT Requested (days): 2 weeks						Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No		Lab Project #: (DO NOT REMOVE) 68027798		Lab PO #: GPC82130-0006 / PO Line #5																
State, Zip: GA, 30308								Project #:				Task Code: SCH-CCR-OTH-20240222																
Phone:								Special Instructions/Notes:																				
Email: JAbraham@southernco.com																												
Project Name: CCR - Plant Scherer Cell 3																												
Site:																												
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/soil, BT=Tissue, A=Air)	Preservation Code:																						
SCH-GWC-32		2/22/24	14:19	G	WG	N	N	X	X	X	X	X	X	X	5													
SCH-GWA-43		2/22/24	16:10	G	WG	N	N	X	X	X	X	X	X	X	5													
SCH-GWC-33A		2/22/24	15:57	G	WG	N	N	X	X	X	X	X	X	X	5													
SCH-CELL3-FD-9		2/22/24	-	G	WG	N	N	X	X	X	X	X	X	X	5													
					WG	N	N	X	X	X	X	X	X	X	5													
					WG	N	N	X	X	X	X	X	X	X	5													
					WG	N	N	X	X	X	X	X	X	X	5													
					WG	N	N	X	X	X	X	X	X	X	5													
					WG	N	N	X	X	X	X	X	X	X	5													
					WG	N	N	X	X	X	X	X	X	X	5													
					WG	N	N	X	X	X	X	X	X	X	5													
					WG	N	N	X	X	X	X	X	X	X	5													
					WG	N	N	X	X	X	X	X	X	X	5													
					WG	N	N	X	X	X	X	X	X	X	5													
Possible Hazard Identification		<input type="checkbox"/> Non-Hazard <input type="checkbox"/> ammable <input type="checkbox"/> Skant <input type="checkbox"/> Poisdn B <input type="checkbox"/> own <input type="checkbox"/> iadiological				Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input type="checkbox"/> isposal By Lab <input type="checkbox"/> rchive For _____ Months																						
Deliverable Requested: I, II, III, IV, Other (specify)		Special Instructions/QC Requirements:																										
Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:																						
Relinquished by: <i>MARK MANN</i>		Date/Time: 2/23/24 1535		Company: W49		Received by: <i>Joy Z</i>		Date/Time: 2/23/24 15:35		Company: Eurofins																		
Relinquished by: <i>Joy Z</i>		Date/Time: 2/23/24 16:00		Company: Eurofins		Received by: <i>Eurofins</i>		Date/Time:		Company:																		
Relinquished by: <i>Joy Z</i>		Date/Time:		Company:		Received by: <i>C. Mann</i>		Date/Time: 2/24/24 0952		Company:																		
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: 2/22/24 70.0/0.0 2/25/25 1-1/1.8 1-3/1.0																								

Eurofins Savannah

5102 LaRoche Avenue
Savannah, GA 31404
Phone: 912-354-7858 Fax: 912-352-0165

Chain of Custody Record



Environment Testing

Client Information (Sub Contract Lab)
 Client Contact: Fuller, David
 Shipping/Receiving: David Fuller@st.eurofins.com
 Company: TestAmerica Laboratories, Inc.
 Address: 13715 Rider Trail North, NELAP - Florida, State - Georgia
 City: Earth City
 State, Zip: MO, 63045
 Phone: 314-298-8566(Tel) 314-298-8757(Fax)
 Email:
 Project Name: CCR - Plant Scherer Cell 3
 Site: SSOW#

Lab PM: Fuller, David
 E-Mail: David Fuller@st.eurofins.com
 Carrier Tracking No(s): 680-764579-1
 State of Origin: Georgia
 Page: Page 1 of 2
 Job #: 680-247131-1

Analysis Requested
 Due Date Requested: 3/6/2024
 TAT Requested (days):
 PO #
 WO #
 Project # 68027798
 SSOW#

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (Water, Soil, Organics, etc.)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9315 Ra226/Presep_21 Radium-226 (GFP) - 21 day decay	9320 Ra228/Presep_0 Radium-228 (GFP)	Ra226Ra228 GFP/ Combined Radium-226 and Radium-228	Total Number of Containers	Special Instructions/Note:
SCH-GWC-35 (680-247131-1)	2/22/24	14:51 Eastern	Water	Water	X	X	X	X	X	2	
SCH-CELL3-FB-9 (680-247131-2)	2/22/24	15:35 Eastern	Water	Water	X	X	X	X	X	2	
SCH-GWC-36 (680-247131-3)	2/22/24	13:39 Eastern	Water	Water	X	X	X	X	X	2	
SCH-CELL3-EB-9 (680-247131-4)	2/22/24	13:45 Eastern	Water	Water	X	X	X	X	X	2	
SCH-GWC-37 (680-247131-5)	2/22/24	12:32 Eastern	Water	Water	X	X	X	X	X	2	
SCH-CELL3-FB-10 (680-247131-6)	2/22/24	12:10 Eastern	Water	Water	X	X	X	X	X	2	
SCH-GWC-38 (680-247131-7)	2/22/24	10:47 Eastern	Water	Water	X	X	X	X	X	2	
SCH-CELL3-FD-10 (680-247131-8)	2/22/24	Eastern	Water	Water	X	X	X	X	X	2	
SCH-GWC-44A (680-247131-9)	2/22/24	10:37 Eastern	Water	Water	X	X	X	X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to Eurofins Environment Testing Southeast, LLC.

Possible Hazard Identification
 Unconfirmed
 Deliverable Requested: I, II, III, IV, Other (specify) _____
 Primary Deliverable Rank: 2
 Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
 Return To Client Disposal By Lab Archive For _____ Months
 Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by:			
Relinquished by:			
Relinquished by:			
Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:		

Received by:	Date/Time:	Company:
Richard Thornley	FEB 27 2024 08:50	EPA STL
Received by:	Date/Time:	Company:
Received by:	Date/Time:	Company:
Cooler Temperature(s) °C and Other Remarks		



Chain of Custody Record



Environment Testing

Client Information (Sub Contract Lab)		Sampler: Lab PM Fuller, David		Carrier Tracking No(s)		COC No: 680-764579.2					
Client Contact: Shipping/Receiving		E-Mail: David Fuller@et.eurofins.com		State of Origin: Georgia		Page Page 2 of 2					
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Florida, State - Georgia		Job # 680-247131-1		Preservation Codes: A - HCL M - Hexane N - None O - AsNaO2 P - Na2OAS Q - Na2SO3 R - Na2SO4 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Y - Trizma Z - other (specify) Other:					
Address: 13715 Rider Trail North,		Due Date Requested: 3/6/2024		Analysis Requested							
City: Earth City		TAT Requested (days):									
State, Zip MO, 63045		PO #									
Phone: 314-298-8566(Tel) 314-298-8757(Fax)		WO #									
Email:		Project # 68027798									
Project Name: CCR - Plant Scherer Cell 3		SSOW#									
Site:											
Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (Water, Seawater, On-water, Oil, etc.)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9315 Ra226/PreSep, 21 Radium-226 (GFC) - 21 day decay	9320 Ra228/PreSep, 0 Radium-228 (GFC)	Ra226Ra228_GFC/ Combined Radium-226 and Radium-228	Total Number of Containers	Special Instructions/Note:
SCH-GWC-31 (680-247131-10)	2/22/24	11:57 Eastern		Water		X	X	X	X	2	
SCH-GWC-30 (680-247131-11)	2/22/24	11:07 Eastern		Water		X	X	X	X	4	
SCH-GWC-32 (680-247131-12)	2/22/24	14:19 Eastern		Water		X	X	X	X	2	
SCH-GWC-43 (680-247131-13)	2/22/24	16:10 Eastern		Water		X	X	X	X	2	
SCH-GWC-33A (680-247131-14)	2/22/24	15:57 Eastern		Water		X	X	X	X	2	
SCH-CELL3-FD-9 (680-247131-15)	2/22/24	Eastern		Water		X	X	X	X	2	
<p>Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/test/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, LLC.</p> <p>Possible Hazard Identification</p> <p>Unconfirmed</p> <p>Deliverable Requested: I, II, III, IV, Other (specify) _____ Primary Deliverable Rank: 2</p> <p>Empty Kit Relinquished by: _____ Date: _____ Method of Shipment: _____</p> <p>Relinquished by: _____ Date/Time: _____ Company: _____</p> <p>Relinquished by: _____ Date/Time: _____ Company: _____</p> <p>Relinquished by: _____ Date/Time: _____ Company: _____</p> <p>Custody Seals Intact: _____ Custody Seal No.: _____</p> <p>Δ Yes Δ No</p> <p>Cooler Temperature(s) °C and Other Remarks: _____</p>											
<p>Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)</p> <p><input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months</p> <p>Special Instructions/QC Requirements: _____</p>											
<p>Received by: Richard Thornley Date/Time: FEB 27 2024 0830 Company: EFA STC</p> <p>Received by: _____ Date/Time: _____ Company: _____</p> <p>Received by: _____ Date/Time: _____ Company: _____</p>											

Eurofins Savannah

5102 LaRoche Avenue
Savannah, GA 31404
Phone: 912-354-7858 Fax: 912-352-0165

Chain of Custody Record



eurofins Environment Testing

Client Information (Sub Contract Lab)		Sampler:		Lab PM: Fuller, David		Carrier Tracking No(s):		COC No: 680-765080.1		
Client Contact: Shipping/Receiving		Phone:		E-Mail: David.Fuller@et.eurofinsus.com		State of Origin: Georgia		Page: Page 1 of 2		
Company: Eurofins Environment Testing Southeast,		Accreditations Required (See note): NELAP - Florida; State - Georgia		Job #: 680-247131-1						
Address: 481 Newburyport Avenue,		Due Date Requested: 3/6/2024		Analysis Requested				Preservation Codes: A - HCL M - Hexane B - NaOH N - None C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2S2O3 G - Amchlchlor T - TSP Dodecahydrate H - Ascorbic Acid U - Acetone I - Ice V - MCAA J - DI Water W - pH 4-5 K - EDTA Y - Trizma L - EDA Z - other (specify) Other:		
City: Altamonte Springs		TAT Requested (days):								
State, Zip: FL, 32701		PO #:		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		300_ORGFM, 28D/CI, FI, SO4, Br		
Phone: 407-339-5984(Tel) 407-260-6110(Fax)		WO #:						Total Number of containers		
Email:		Project Name: CCR - Plant Scherer Cell 3		Project #: 68027798						
Site:		SSOW#:								
Sample Identification - Client ID (Lab ID)		Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/Oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM, 28D/CI, FI, SO4, Br	Total Number of containers	Special Instructions/Note:
SCH-GWC-35 (680-247131-1)		2/22/24	14:51 Eastern	Water	Water		X		1	
SCH-CELL3-FB-9 (680-247131-2)		2/22/24	15:35 Eastern	Water	Water		X		1	
SCH-GWC-36 (680-247131-3)		2/22/24	13:39 Eastern	Water	Water		X		1	
SCH-CELL3-EB-9 (680-247131-4)		2/22/24	15:45 Eastern	Water	Water		X		1	
SCH-GWC-37 (680-247131-5)		2/22/24	12:32 Eastern	Water	Water		X		1	
SCH-CELL3-FB-10 (680-247131-6)		2/22/24	12:10 Eastern	Water	Water		X		1	
SCH-GWC-38 (680-247131-7)		2/22/24	10:47 Eastern	Water	Water		X		1	
SCH-CELL3-FD-10 (680-247131-8)		2/22/24	Eastern	Water	Water		X		1	
SCH-GWC-44A (680-247131-9)		2/22/24	10:37 Eastern	Water	Water		X		1	
<p>Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, LLC.</p>										
Possible Hazard Identification					Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)					
Unconfirmed					<input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months					
Deliverable Requested: I, II, III, IV, Other (specify)			Primary Deliverable Rank: 2		Special Instructions/QC Requirements:					
Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:				
Relinquished by: <i>[Signature]</i>		Date/Time: 3-1-24 1600		Company:		Received by:		Date/Time:		
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:		
Relinquished by:		Date/Time:		Company:		Received by: <i>[Signature]</i>		Date/Time: 3/2/24 930		
Custody Seals Intact: △ Yes △ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 1.8/1.8	576							

Ver: 06/08/2021

Eurofins Savannah

5102 LaRoche Avenue
Savannah, GA 31404
Phone: 912-354-7858 Fax: 912-352-0165

Chain of Custody Record



Environment Testing

Client Information (Sub Contract Lab)		Sampler:	Lab PM:	Carrier Tracking No(s):	COC No:					
Client Contact: Shipping/Receiving		Phone:	Fuller, David		680-765080.2					
Company: Eurofins Environment Testing Southeast,		E-Mail:	David.Fuller@et.eurofinsus.com	State of Origin:	Page					
Address: 481 Newburyport Avenue,		Accreditations Required (See note): NELAP - Florida; State - Georgia		Georgia	Page 2 of 2					
City: Altamonte Springs		Job #: 680-247131-1		Preservation Codes:						
State, Zip: FL, 32701		Analysis Requested		A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA						
Due Date Requested: 3/6/2024		TAT Requested (days):		M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Y - Trizma Z - other (specify)						
PO #:		WO #:		Other:						
Project Name: CCR - Plant Scherer Cell 3		Project #: 68027798		Total Number of containers						
Site:		SSOW#:		Special Instructions/Note:						
Sample Identification - Client ID (Lab ID)		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/soil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D/CI, FI, SO4, Br	Total Number of containers	Special Instructions/Note:
SCH-GWC-31 (680-247131-10)		2/22/24	11:57 Eastern		Water		X		1	
SCH-GWC-30 (680-247131-11)		2/22/24	11:07 Eastern		Water		X		1	
SCH-GWC-32 (680-247131-12)		2/22/24	14:19 Eastern		Water		X		1	
SCH-GWC-43 (680-247131-13)		2/22/24	16:10 Eastern		Water		X		1	
SCH-GWC-33A (680-247131-14)		2/22/24	15:57 Eastern		Water		X		1	
SCH-CELL3-FD-9 (680-247131-15)		2/22/24	Eastern		Water		X		1	
<p>Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, LLC.</p>										
Possible Hazard Identification					Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)					
Unconfirmed					<input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months					
Deliverable Requested: I, II, III, IV, Other (specify)			Primary Deliverable Rank: 2		Special Instructions/QC Requirements:					
Empty Kit Relinquished by:			Date:		Time:		Method of Shipment:			
Relinquished by: <i>OK</i>			Date/Time: <i>3-1-24 1600</i>		Company:		Received by:		Date/Time:	
Relinquished by:			Date/Time:		Company:		Received by:		Date/Time:	
Relinquished by:			Date/Time:		Company:		Received by: <i>Amx</i>		Date/Time: <i>3/2/24 930</i>	
Custody Seals Intact: Δ Yes Δ No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks		<i>1 0/1 0 ca 1</i>				



Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-247131-1

Login Number: 247131

List Source: Eurofins Savannah

List Number: 1

Creator: Munro, Caroline

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

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-247131-1

Login Number: 247131

List Number: 3

Creator: Wehr, Alexander C

List Source: Eurofins Orlando

List Creation: 03/02/24 10:36 AM

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



ANALYTICAL REPORT

PREPARED FOR

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

Generated 3/26/2024 4:33:48 PM

JOB DESCRIPTION

CCR - Plant Scherer Cell 3

JOB NUMBER

680-247131-2

Eurofins Savannah

Job Notes

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

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

Authorization



Generated
3/26/2024 4:33:48 PM

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

Definitions/Glossary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247131-2

Qualifiers

Rad

Qualifier	Qualifier Description
U	Result is less than the sample detection limit.

Glossary

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

Sample Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247131-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-247131-1	SCH-GWC-35	Water	02/22/24 14:51	02/24/24 09:52
680-247131-2	SCH-CELL3-FB-9	Water	02/22/24 15:35	02/24/24 09:52
680-247131-3	SCH-GWC-36	Water	02/22/24 13:39	02/24/24 09:52
680-247131-4	SCH-CELL3-EB-9	Water	02/22/24 15:45	02/24/24 09:52
680-247131-5	SCH-GWC-37	Water	02/22/24 12:32	02/24/24 09:52
680-247131-6	SCH-CELL3-FB-10	Water	02/22/24 12:10	02/24/24 09:52
680-247131-7	SCH-GWC-38	Water	02/22/24 10:47	02/24/24 09:52
680-247131-8	SCH-CELL3-FD-10	Water	02/22/24 00:00	02/24/24 09:52
680-247131-9	SCH-GWA-44A	Water	02/22/24 10:37	02/24/24 09:52
680-247131-10	SCH-GWC-31	Water	02/22/24 11:57	02/24/24 09:52
680-247131-11	SCH-GWC-30	Water	02/22/24 11:07	02/24/24 09:52
680-247131-12	SCH-GWC-32	Water	02/22/24 14:19	02/24/24 09:52
680-247131-13	SCH-GWA-43	Water	02/22/24 16:10	02/24/24 09:52
680-247131-14	SCH-GWC-33A	Water	02/22/24 15:57	02/24/24 09:52
680-247131-15	SCH-CELL3-FD-9	Water	02/22/24 00:00	02/24/24 09:52

- 1
- 2
- 3
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- 11
- 12
- 13

Case Narrative

Client: Southern Company
Project: CCR - Plant Scherer Cell 3

Job ID: 680-247131-2

Job ID: 680-247131-2

Eurofins Savannah

Job Narrative 680-247131-2

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

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

Receipt

The samples were received on 2/24/2024 9:52 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 5 coolers at receipt time were 0.6°C, 1.3°C, 1.8°C, 2.5°C and 2.7°C.

Gas Flow Proportional Counter

Method 9315_Ra226: Radium-226 Prep Batch 160-650195: Insufficient sample volume was available to perform a sample duplicate for the following samples: SCH-GWC-35 (680-247131-1), SCH-CELL3-FB-9 (680-247131-2), SCH-GWC-36 (680-247131-3), SCH-CELL3-EB-9 (680-247131-4), SCH-GWC-37 (680-247131-5), SCH-CELL3-FB-10 (680-247131-6), SCH-GWC-38 (680-247131-7), SCH-CELL3-FD-10 (680-247131-8), SCH-GWA-44A (680-247131-9), SCH-GWC-31 (680-247131-10), SCH-GWC-30 (680-247131-11), SCH-GWC-32 (680-247131-12), SCH-GWA-43 (680-247131-13), SCH-GWC-33A (680-247131-14) and SCH-CELL3-FD-9 (680-247131-15). A laboratory control sample/ laboratory control sample duplicate (LCS/LCSD) were prepared instead to demonstrate batch precision.

Method 9320_Ra228: Radium-228 Prep Batch 160-650196: Insufficient sample volume was available to perform a sample duplicate for the following samples: SCH-GWC-35 (680-247131-1), SCH-CELL3-FB-9 (680-247131-2), SCH-GWC-36 (680-247131-3), SCH-CELL3-EB-9 (680-247131-4), SCH-GWC-37 (680-247131-5), SCH-CELL3-FB-10 (680-247131-6), SCH-GWC-38 (680-247131-7), SCH-CELL3-FD-10 (680-247131-8), SCH-GWA-44A (680-247131-9), SCH-GWC-31 (680-247131-10), SCH-GWC-30 (680-247131-11), SCH-GWC-32 (680-247131-12), SCH-GWA-43 (680-247131-13), SCH-GWC-33A (680-247131-14) and SCH-CELL3-FD-9 (680-247131-15). A laboratory control sample/ laboratory control sample duplicate (LCS/LCSD) were prepared instead to demonstrate batch precision.

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

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

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247131-2

Client Sample ID: SCH-GWC-35

Lab Sample ID: 680-247131-1

Date Collected: 02/22/24 14:51

Matrix: Water

Date Received: 02/24/24 09:52

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert.	Uncert.						
			(2σ+/-)	(2σ+/-)						
Radium-226	0.0622	U	0.0645	0.0648	1.00	0.101	pCi/L	02/28/24 09:44	03/25/24 14:43	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.9		30 - 110					02/28/24 09:44	03/25/24 14:43	1

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert.	Uncert.						
			(2σ+/-)	(2σ+/-)						
Radium-228	0.102	U	0.270	0.270	1.00	0.478	pCi/L	02/28/24 09:47	03/18/24 11:44	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.9		30 - 110					02/28/24 09:47	03/18/24 11:44	1
Y Carrier	87.5		30 - 110					02/28/24 09:47	03/18/24 11:44	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert.	Uncert.						
			(2σ+/-)	(2σ+/-)						
Combined Radium 226 + 228	0.164	U	0.278	0.278	5.00	0.478	pCi/L		03/26/24 14:43	1

Client Sample ID: SCH-CELL3-FB-9

Lab Sample ID: 680-247131-2

Date Collected: 02/22/24 15:35

Matrix: Water

Date Received: 02/24/24 09:52

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert.	Uncert.						
			(2σ+/-)	(2σ+/-)						
Radium-226	0.0349	U	0.0504	0.0505	1.00	0.0861	pCi/L	02/28/24 09:44	03/25/24 14:44	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	94.4		30 - 110					02/28/24 09:44	03/25/24 14:44	1

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert.	Uncert.						
			(2σ+/-)	(2σ+/-)						
Radium-228	0.0422	U	0.259	0.259	1.00	0.476	pCi/L	02/28/24 09:47	03/18/24 11:44	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	94.4		30 - 110					02/28/24 09:47	03/18/24 11:44	1
Y Carrier	86.4		30 - 110					02/28/24 09:47	03/18/24 11:44	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247131-2

Client Sample ID: SCH-CELL3-FB-9

Lab Sample ID: 680-247131-2

Date Collected: 02/22/24 15:35

Matrix: Water

Date Received: 02/24/24 09:52

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.0771	U	0.264	0.264	5.00	0.476	pCi/L		03/26/24 14:43	1

Client Sample ID: SCH-GWC-36

Lab Sample ID: 680-247131-3

Date Collected: 02/22/24 13:39

Matrix: Water

Date Received: 02/24/24 09:52

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.0154	U	0.0507	0.0507	1.00	0.119	pCi/L	02/28/24 09:44	03/25/24 14:44	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	80.2		30 - 110					02/28/24 09:44	03/25/24 14:44	1

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.0997	U	0.306	0.306	1.00	0.613	pCi/L	02/28/24 09:47	03/18/24 11:44	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	80.2		30 - 110					02/28/24 09:47	03/18/24 11:44	1
Y Carrier	75.9		30 - 110					02/28/24 09:47	03/18/24 11:44	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	-0.115	U	0.310	0.310	5.00	0.613	pCi/L		03/26/24 14:43	1

Client Sample ID: SCH-CELL3-EB-9

Lab Sample ID: 680-247131-4

Date Collected: 02/22/24 15:45

Matrix: Water

Date Received: 02/24/24 09:52

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.101	U	0.0798	0.0803	1.00	0.116	pCi/L	02/28/24 09:44	03/25/24 14:44	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	93.7		30 - 110					02/28/24 09:44	03/25/24 14:44	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247131-2

Client Sample ID: SCH-CELL3-EB-9

Lab Sample ID: 680-247131-4

Date Collected: 02/22/24 15:45

Matrix: Water

Date Received: 02/24/24 09:52

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.131	U	0.274	0.274	1.00	0.549	pCi/L	02/28/24 09:47	03/18/24 11:44	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	93.7		30 - 110					02/28/24 09:47	03/18/24 11:44	1
Y Carrier	80.7		30 - 110					02/28/24 09:47	03/18/24 11:44	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	-0.0303	U	0.285	0.286	5.00	0.549	pCi/L		03/26/24 14:43	1

Client Sample ID: SCH-GWC-37

Lab Sample ID: 680-247131-5

Date Collected: 02/22/24 12:32

Matrix: Water

Date Received: 02/24/24 09:52

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.000	U	0.0656	0.0656	1.00	0.135	pCi/L	02/28/24 09:44	03/25/24 14:57	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	80.5		30 - 110					02/28/24 09:44	03/25/24 14:57	1

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.208	U	0.335	0.335	1.00	0.683	pCi/L	02/28/24 09:47	03/18/24 11:44	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	80.5		30 - 110					02/28/24 09:47	03/18/24 11:44	1
Y Carrier	75.9		30 - 110					02/28/24 09:47	03/18/24 11:44	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	-0.208	U	0.341	0.341	5.00	0.683	pCi/L		03/26/24 14:43	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247131-2

Client Sample ID: SCH-CELL3-FB-10

Lab Sample ID: 680-247131-6

Date Collected: 02/22/24 12:10

Matrix: Water

Date Received: 02/24/24 09:52

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert.	Uncert.						
			(2σ+/-)	(2σ+/-)						
Radium-226	-0.0452	U	0.0427	0.0429	1.00	0.115	pCi/L	02/28/24 09:44	03/25/24 14:57	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	101		30 - 110					02/28/24 09:44	03/25/24 14:57	1

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert.	Uncert.						
			(2σ+/-)	(2σ+/-)						
Radium-228	-0.0706	U	0.224	0.224	1.00	0.445	pCi/L	02/28/24 09:47	03/18/24 11:44	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	101		30 - 110					02/28/24 09:47	03/18/24 11:44	1
Y Carrier	84.9		30 - 110					02/28/24 09:47	03/18/24 11:44	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert.	Uncert.						
			(2σ+/-)	(2σ+/-)						
Combined Radium 226 + 228	-0.116	U	0.228	0.228	5.00	0.445	pCi/L		03/26/24 14:43	1

Client Sample ID: SCH-GWC-38

Lab Sample ID: 680-247131-7

Date Collected: 02/22/24 10:47

Matrix: Water

Date Received: 02/24/24 09:52

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert.	Uncert.						
			(2σ+/-)	(2σ+/-)						
Radium-226	0.0209	U	0.0703	0.0703	1.00	0.131	pCi/L	02/28/24 09:44	03/25/24 14:57	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	97.0		30 - 110					02/28/24 09:44	03/25/24 14:57	1

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert.	Uncert.						
			(2σ+/-)	(2σ+/-)						
Radium-228	0.270	U	0.315	0.316	1.00	0.517	pCi/L	02/28/24 09:47	03/18/24 11:44	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	97.0		30 - 110					02/28/24 09:47	03/18/24 11:44	1
Y Carrier	81.1		30 - 110					02/28/24 09:47	03/18/24 11:44	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247131-2

Client Sample ID: SCH-GWC-38

Lab Sample ID: 680-247131-7

Date Collected: 02/22/24 10:47

Matrix: Water

Date Received: 02/24/24 09:52

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.291	U	0.323	0.324	5.00	0.517	pCi/L		03/26/24 14:43	1

Client Sample ID: SCH-CELL3-FD-10

Lab Sample ID: 680-247131-8

Date Collected: 02/22/24 00:00

Matrix: Water

Date Received: 02/24/24 09:52

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0182	U	0.0524	0.0525	1.00	0.0994	pCi/L	02/28/24 09:44	03/25/24 14:56	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	104		30 - 110					02/28/24 09:44	03/25/24 14:56	1

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.167	U	0.258	0.259	1.00	0.440	pCi/L	02/28/24 09:47	03/18/24 11:42	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	104		30 - 110					02/28/24 09:47	03/18/24 11:42	1
Y Carrier	78.5		30 - 110					02/28/24 09:47	03/18/24 11:42	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.185	U	0.263	0.264	5.00	0.440	pCi/L		03/26/24 14:43	1

Client Sample ID: SCH-GWA-44A

Lab Sample ID: 680-247131-9

Date Collected: 02/22/24 10:37

Matrix: Water

Date Received: 02/24/24 09:52

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0295	U	0.0578	0.0579	1.00	0.104	pCi/L	02/28/24 09:44	03/25/24 14:56	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	98.2		30 - 110					02/28/24 09:44	03/25/24 14:56	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247131-2

Client Sample ID: SCH-GWA-44A

Lab Sample ID: 680-247131-9

Date Collected: 02/22/24 10:37

Matrix: Water

Date Received: 02/24/24 09:52

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.224	U	0.270	0.271	1.00	0.446	pCi/L	02/28/24 09:47	03/18/24 11:43	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	98.2		30 - 110					02/28/24 09:47	03/18/24 11:43	1
Y Carrier	84.1		30 - 110					02/28/24 09:47	03/18/24 11:43	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.254	U	0.276	0.277	5.00	0.446	pCi/L		03/26/24 14:43	1

Client Sample ID: SCH-GWC-31

Lab Sample ID: 680-247131-10

Date Collected: 02/22/24 11:57

Matrix: Water

Date Received: 02/24/24 09:52

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0421	U	0.0624	0.0625	1.00	0.107	pCi/L	02/28/24 09:44	03/25/24 14:56	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.4		30 - 110					02/28/24 09:44	03/25/24 14:56	1

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.458	U	0.348	0.351	1.00	0.533	pCi/L	02/28/24 09:47	03/18/24 11:51	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.4		30 - 110					02/28/24 09:47	03/18/24 11:51	1
Y Carrier	81.5		30 - 110					02/28/24 09:47	03/18/24 11:51	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.500	U	0.354	0.357	5.00	0.533	pCi/L		03/26/24 14:43	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247131-2

Client Sample ID: SCH-GWC-30

Lab Sample ID: 680-247131-11

Date Collected: 02/22/24 11:07

Matrix: Water

Date Received: 02/24/24 09:52

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0714	U	0.0752	0.0755	1.00	0.119	pCi/L	02/28/24 09:44	03/25/24 14:56	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.8		30 - 110					02/28/24 09:44	03/25/24 14:56	1

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.311	U	0.373	0.374	1.00	0.615	pCi/L	02/28/24 09:47	03/18/24 11:51	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.8		30 - 110					02/28/24 09:47	03/18/24 11:51	1
Y Carrier	81.5		30 - 110					02/28/24 09:47	03/18/24 11:51	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.382	U	0.381	0.382	5.00	0.615	pCi/L		03/26/24 14:43	1

Client Sample ID: SCH-GWC-32

Lab Sample ID: 680-247131-12

Date Collected: 02/22/24 14:19

Matrix: Water

Date Received: 02/24/24 09:52

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0445	U	0.0827	0.0828	1.00	0.147	pCi/L	02/28/24 09:44	03/25/24 14:56	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	80.5		30 - 110					02/28/24 09:44	03/25/24 14:56	1

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.348	U	0.415	0.416	1.00	0.685	pCi/L	02/28/24 09:47	03/18/24 11:51	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	80.5		30 - 110					02/28/24 09:47	03/18/24 11:51	1
Y Carrier	80.7		30 - 110					02/28/24 09:47	03/18/24 11:51	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247131-2

Client Sample ID: SCH-GWC-32

Lab Sample ID: 680-247131-12

Date Collected: 02/22/24 14:19

Matrix: Water

Date Received: 02/24/24 09:52

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert.	Uncert.						
			(2σ+/-)	(2σ+/-)						
Combined Radium 226 + 228	0.392	U	0.423	0.424	5.00	0.685	pCi/L		03/26/24 14:43	1

Client Sample ID: SCH-GWA-43

Lab Sample ID: 680-247131-13

Date Collected: 02/22/24 16:10

Matrix: Water

Date Received: 02/24/24 09:52

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert.	Uncert.						
			(2σ+/-)	(2σ+/-)						
Radium-226	0.0125	U	0.0487	0.0487	1.00	0.0967	pCi/L	02/28/24 09:44	03/25/24 14:57	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	95.2		30 - 110					02/28/24 09:44	03/25/24 14:57	1

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert.	Uncert.						
			(2σ+/-)	(2σ+/-)						
Radium-228	0.234	U	0.340	0.341	1.00	0.573	pCi/L	02/28/24 09:47	03/18/24 11:51	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	95.2		30 - 110					02/28/24 09:47	03/18/24 11:51	1
Y Carrier	83.4		30 - 110					02/28/24 09:47	03/18/24 11:51	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert.	Uncert.						
			(2σ+/-)	(2σ+/-)						
Combined Radium 226 + 228	0.246	U	0.343	0.344	5.00	0.573	pCi/L		03/26/24 14:43	1

Client Sample ID: SCH-GWC-33A

Lab Sample ID: 680-247131-14

Date Collected: 02/22/24 15:57

Matrix: Water

Date Received: 02/24/24 09:52

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert.	Uncert.						
			(2σ+/-)	(2σ+/-)						
Radium-226	-0.0235	U	0.0553	0.0553	1.00	0.125	pCi/L	02/28/24 09:44	03/25/24 14:57	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	94.4		30 - 110					02/28/24 09:44	03/25/24 14:57	1

Client Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247131-2

Client Sample ID: SCH-GWC-33A

Lab Sample ID: 680-247131-14

Date Collected: 02/22/24 15:57

Matrix: Water

Date Received: 02/24/24 09:52

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.0182	U	0.284	0.284	1.00	0.524	pCi/L	02/28/24 09:47	03/18/24 11:51	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	94.4		30 - 110					02/28/24 09:47	03/18/24 11:51	1
Y Carrier	87.1		30 - 110					02/28/24 09:47	03/18/24 11:51	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	-0.00535	U	0.289	0.289	5.00	0.524	pCi/L		03/26/24 14:43	1

Client Sample ID: SCH-CELL3-FD-9

Lab Sample ID: 680-247131-15

Date Collected: 02/22/24 00:00

Matrix: Water

Date Received: 02/24/24 09:52

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.00377	U	0.0967	0.0967	1.00	0.186	pCi/L	02/28/24 09:44	03/25/24 14:57	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	76.1		30 - 110					02/28/24 09:44	03/25/24 14:57	1

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.377	U	0.437	0.439	1.00	0.719	pCi/L	02/28/24 09:47	03/18/24 11:51	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	76.1		30 - 110					02/28/24 09:47	03/18/24 11:51	1
Y Carrier	71.8		30 - 110					02/28/24 09:47	03/18/24 11:51	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.380	U	0.448	0.450	5.00	0.719	pCi/L		03/26/24 14:43	1

Tracer/Carrier Summary

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247131-2

Method: 9315 - Radium-226 (GFPC)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Yield (Acceptance Limits)	
		Ba (30-110)	
680-247131-1	SCH-GWC-35	92.9	
680-247131-2	SCH-CELL3-FB-9	94.4	
680-247131-3	SCH-GWC-36	80.2	
680-247131-4	SCH-CELL3-EB-9	93.7	
680-247131-5	SCH-GWC-37	80.5	
680-247131-6	SCH-CELL3-FB-10	101	
680-247131-7	SCH-GWC-38	97.0	
680-247131-8	SCH-CELL3-FD-10	104	
680-247131-9	SCH-GWA-44A	98.2	
680-247131-10	SCH-GWC-31	90.4	
680-247131-11	SCH-GWC-30	87.8	
680-247131-12	SCH-GWC-32	80.5	
680-247131-13	SCH-GWA-43	95.2	
680-247131-14	SCH-GWC-33A	94.4	
680-247131-15	SCH-CELL3-FD-9	76.1	
LCS 160-650195/2-A	Lab Control Sample	101	
LCSD 160-650195/3-A	Lab Control Sample Dup	94.4	
MB 160-650195/1-A	Method Blank	99.0	

Tracer/Carrier Legend
 Ba = Ba Carrier

Method: 9320 - Radium-228 (GFPC)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Yield (Acceptance Limits)	
		Ba (30-110)	Y (30-110)
680-247131-1	SCH-GWC-35	92.9	87.5
680-247131-2	SCH-CELL3-FB-9	94.4	86.4
680-247131-3	SCH-GWC-36	80.2	75.9
680-247131-4	SCH-CELL3-EB-9	93.7	80.7
680-247131-5	SCH-GWC-37	80.5	75.9
680-247131-6	SCH-CELL3-FB-10	101	84.9
680-247131-7	SCH-GWC-38	97.0	81.1
680-247131-8	SCH-CELL3-FD-10	104	78.5
680-247131-9	SCH-GWA-44A	98.2	84.1
680-247131-10	SCH-GWC-31	90.4	81.5
680-247131-11	SCH-GWC-30	87.8	81.5
680-247131-12	SCH-GWC-32	80.5	80.7
680-247131-13	SCH-GWA-43	95.2	83.4
680-247131-14	SCH-GWC-33A	94.4	87.1
680-247131-15	SCH-CELL3-FD-9	76.1	71.8
LCS 160-650196/2-A	Lab Control Sample	101	79.6
LCSD 160-650196/3-A	Lab Control Sample Dup	94.4	82.2
MB 160-650196/1-A	Method Blank	99.0	77.8

Tracer/Carrier Legend
 Ba = Ba Carrier
 Y = Y Carrier

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247131-2

Method: 9315 - Radium-226 (GFPC)

Lab Sample ID: MB 160-650195/1-A
Matrix: Water
Analysis Batch: 653748

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 650195

Analyte	MB		Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
	Result	Qualifier	Uncert. (2σ+/-)	Uncert. (2σ+/-)						
Radium-226	0.008998	U	0.0519	0.0519	1.00	0.103	pCi/L	02/28/24 09:44	03/25/24 14:42	1
Carrier	MB %Yield	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac	
Ba Carrier	99.0		30 - 110				02/28/24 09:44	03/25/24 14:42	1	

Lab Sample ID: LCS 160-650195/2-A
Matrix: Water
Analysis Batch: 653748

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 650195

Analyte	Spike Added	LCS Result	LCS Qual	Total	RL	MDC	Unit	%Rec	%Rec Limits
				Uncert. (2σ+/-)					
Radium-226	11.3	9.613		1.02	1.00	0.114	pCi/L	85	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits						
Ba Carrier	101		30 - 110						

Lab Sample ID: LCSD 160-650195/3-A
Matrix: Water
Analysis Batch: 653748

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 650195

Analyte	Spike Added	LCSD Result	LCSD Qual	Total	RL	MDC	Unit	%Rec	%Rec Limits	RER	RER
				Uncert. (2σ+/-)							Limit
Radium-226	11.3	10.39		1.09	1.00	0.0913	pCi/L	92	75 - 125	0.37	1
Carrier	LCSD %Yield	LCSD Qualifier	Limits								
Ba Carrier	94.4		30 - 110								

Method: 9320 - Radium-228 (GFPC)

Lab Sample ID: MB 160-650196/1-A
Matrix: Water
Analysis Batch: 652965

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 650196

Analyte	MB		Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
	Result	Qualifier	Uncert. (2σ+/-)	Uncert. (2σ+/-)						
Radium-228	-0.1702	U	0.217	0.218	1.00	0.472	pCi/L	02/28/24 09:47	03/18/24 11:43	1
Carrier	MB %Yield	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac	
Ba Carrier	99.0		30 - 110				02/28/24 09:47	03/18/24 11:43	1	
Y Carrier	77.8		30 - 110				02/28/24 09:47	03/18/24 11:43	1	

QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247131-2

Method: 9320 - Radium-228 (GFPC) (Continued)

Lab Sample ID: LCS 160-650196/2-A
Matrix: Water
Analysis Batch: 652965

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 650196

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits

Carrier	LCS		Limits
	%Yield	Qualifier	
Ba Carrier	101		30 - 110
Y Carrier	79.6		30 - 110

Lab Sample ID: LCSD 160-650196/3-A
Matrix: Water
Analysis Batch: 652965

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 650196

Analyte	Spike Added	LCSD Result	LCSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	RER	RER Limit

Carrier	LCSD		Limits
	%Yield	Qualifier	
Ba Carrier	94.4		30 - 110
Y Carrier	82.2		30 - 110

QC Association Summary

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247131-2

Rad

Prep Batch: 650195

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247131-1	SCH-GWC-35	Total/NA	Water	PrecSep-21	
680-247131-2	SCH-CELL3-FB-9	Total/NA	Water	PrecSep-21	
680-247131-3	SCH-GWC-36	Total/NA	Water	PrecSep-21	
680-247131-4	SCH-CELL3-EB-9	Total/NA	Water	PrecSep-21	
680-247131-5	SCH-GWC-37	Total/NA	Water	PrecSep-21	
680-247131-6	SCH-CELL3-FB-10	Total/NA	Water	PrecSep-21	
680-247131-7	SCH-GWC-38	Total/NA	Water	PrecSep-21	
680-247131-8	SCH-CELL3-FD-10	Total/NA	Water	PrecSep-21	
680-247131-9	SCH-GWA-44A	Total/NA	Water	PrecSep-21	
680-247131-10	SCH-GWC-31	Total/NA	Water	PrecSep-21	
680-247131-11	SCH-GWC-30	Total/NA	Water	PrecSep-21	
680-247131-12	SCH-GWC-32	Total/NA	Water	PrecSep-21	
680-247131-13	SCH-GWA-43	Total/NA	Water	PrecSep-21	
680-247131-14	SCH-GWC-33A	Total/NA	Water	PrecSep-21	
680-247131-15	SCH-CELL3-FD-9	Total/NA	Water	PrecSep-21	
MB 160-650195/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-650195/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
LCSD 160-650195/3-A	Lab Control Sample Dup	Total/NA	Water	PrecSep-21	

Prep Batch: 650196

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247131-1	SCH-GWC-35	Total/NA	Water	PrecSep_0	
680-247131-2	SCH-CELL3-FB-9	Total/NA	Water	PrecSep_0	
680-247131-3	SCH-GWC-36	Total/NA	Water	PrecSep_0	
680-247131-4	SCH-CELL3-EB-9	Total/NA	Water	PrecSep_0	
680-247131-5	SCH-GWC-37	Total/NA	Water	PrecSep_0	
680-247131-6	SCH-CELL3-FB-10	Total/NA	Water	PrecSep_0	
680-247131-7	SCH-GWC-38	Total/NA	Water	PrecSep_0	
680-247131-8	SCH-CELL3-FD-10	Total/NA	Water	PrecSep_0	
680-247131-9	SCH-GWA-44A	Total/NA	Water	PrecSep_0	
680-247131-10	SCH-GWC-31	Total/NA	Water	PrecSep_0	
680-247131-11	SCH-GWC-30	Total/NA	Water	PrecSep_0	
680-247131-12	SCH-GWC-32	Total/NA	Water	PrecSep_0	
680-247131-13	SCH-GWA-43	Total/NA	Water	PrecSep_0	
680-247131-14	SCH-GWC-33A	Total/NA	Water	PrecSep_0	
680-247131-15	SCH-CELL3-FD-9	Total/NA	Water	PrecSep_0	
MB 160-650196/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-650196/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
LCSD 160-650196/3-A	Lab Control Sample Dup	Total/NA	Water	PrecSep_0	

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247131-2

Client Sample ID: SCH-GWC-35

Lab Sample ID: 680-247131-1

Date Collected: 02/22/24 14:51

Matrix: Water

Date Received: 02/24/24 09:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1000.45 mL	1.0 g	650195	02/28/24 09:44	KAC	EET SL
Total/NA	Analysis	9315		1			653748	03/25/24 14:43	SWS	EET SL
Instrument ID: GFPCRED										
Total/NA	Prep	PrecSep_0			1000.45 mL	1.0 g	650196	02/28/24 09:47	KAC	EET SL
Total/NA	Analysis	9320		1			652965	03/18/24 11:44	SCB	EET SL
Instrument ID: GFPCORANGE										
Total/NA	Analysis	Ra226_Ra228		1			653993	03/26/24 14:43	FLC	EET SL
Instrument ID: NOEQUIP										

Client Sample ID: SCH-CELL3-FB-9

Lab Sample ID: 680-247131-2

Date Collected: 02/22/24 15:35

Matrix: Water

Date Received: 02/24/24 09:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			992.18 mL	1.0 g	650195	02/28/24 09:44	KAC	EET SL
Total/NA	Analysis	9315		1			653748	03/25/24 14:44	SWS	EET SL
Instrument ID: GFPCRED										
Total/NA	Prep	PrecSep_0			992.18 mL	1.0 g	650196	02/28/24 09:47	KAC	EET SL
Total/NA	Analysis	9320		1			652965	03/18/24 11:44	SCB	EET SL
Instrument ID: GFPCORANGE										
Total/NA	Analysis	Ra226_Ra228		1			653993	03/26/24 14:43	FLC	EET SL
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWC-36

Lab Sample ID: 680-247131-3

Date Collected: 02/22/24 13:39

Matrix: Water

Date Received: 02/24/24 09:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			998.50 mL	1.0 g	650195	02/28/24 09:44	KAC	EET SL
Total/NA	Analysis	9315		1			653748	03/25/24 14:44	SWS	EET SL
Instrument ID: GFPCRED										
Total/NA	Prep	PrecSep_0			998.50 mL	1.0 g	650196	02/28/24 09:47	KAC	EET SL
Total/NA	Analysis	9320		1			652965	03/18/24 11:44	SCB	EET SL
Instrument ID: GFPCORANGE										
Total/NA	Analysis	Ra226_Ra228		1			653993	03/26/24 14:43	FLC	EET SL
Instrument ID: NOEQUIP										

Client Sample ID: SCH-CELL3-EB-9

Lab Sample ID: 680-247131-4

Date Collected: 02/22/24 15:45

Matrix: Water

Date Received: 02/24/24 09:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			994.30 mL	1.0 g	650195	02/28/24 09:44	KAC	EET SL
Total/NA	Analysis	9315		1			653748	03/25/24 14:44	SWS	EET SL
Instrument ID: GFPCRED										

Lab Chronicle

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247131-2

Client Sample ID: SCH-CELL3-EB-9

Lab Sample ID: 680-247131-4

Date Collected: 02/22/24 15:45

Matrix: Water

Date Received: 02/24/24 09:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep_0			994.30 mL	1.0 g	650196	02/28/24 09:47	KAC	EET SL
Total/NA	Analysis	9320		1			652965	03/18/24 11:44	SCB	EET SL
Instrument ID: GFPCORANGE										
Total/NA	Analysis	Ra226_Ra228		1			653993	03/26/24 14:43	FLC	EET SL
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWC-37

Lab Sample ID: 680-247131-5

Date Collected: 02/22/24 12:32

Matrix: Water

Date Received: 02/24/24 09:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			991.83 mL	1.0 g	650195	02/28/24 09:44	KAC	EET SL
Total/NA	Analysis	9315		1			653889	03/25/24 14:57	SWS	EET SL
Instrument ID: GFPCBLUE										
Total/NA	Prep	PrecSep_0			991.83 mL	1.0 g	650196	02/28/24 09:47	KAC	EET SL
Total/NA	Analysis	9320		1			652965	03/18/24 11:44	SCB	EET SL
Instrument ID: GFPCORANGE										
Total/NA	Analysis	Ra226_Ra228		1			653993	03/26/24 14:43	FLC	EET SL
Instrument ID: NOEQUIP										

Client Sample ID: SCH-CELL3-FB-10

Lab Sample ID: 680-247131-6

Date Collected: 02/22/24 12:10

Matrix: Water

Date Received: 02/24/24 09:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1004.66 mL	1.0 g	650195	02/28/24 09:44	KAC	EET SL
Total/NA	Analysis	9315		1			653889	03/25/24 14:57	SWS	EET SL
Instrument ID: GFPCBLUE										
Total/NA	Prep	PrecSep_0			1004.66 mL	1.0 g	650196	02/28/24 09:47	KAC	EET SL
Total/NA	Analysis	9320		1			652965	03/18/24 11:44	SCB	EET SL
Instrument ID: GFPCORANGE										
Total/NA	Analysis	Ra226_Ra228		1			653993	03/26/24 14:43	FLC	EET SL
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWC-38

Lab Sample ID: 680-247131-7

Date Collected: 02/22/24 10:47

Matrix: Water

Date Received: 02/24/24 09:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			996.61 mL	1.0 g	650195	02/28/24 09:44	KAC	EET SL
Total/NA	Analysis	9315		1			653889	03/25/24 14:57	SWS	EET SL
Instrument ID: GFPCBLUE										
Total/NA	Prep	PrecSep_0			996.61 mL	1.0 g	650196	02/28/24 09:47	KAC	EET SL
Total/NA	Analysis	9320		1			652965	03/18/24 11:44	SCB	EET SL
Instrument ID: GFPCORANGE										

Lab Chronicle

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247131-2

Client Sample ID: SCH-GWC-38

Lab Sample ID: 680-247131-7

Date Collected: 02/22/24 10:47

Matrix: Water

Date Received: 02/24/24 09:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Ra226_Ra228		1			653993	03/26/24 14:43	FLC	EET SL

Client Sample ID: SCH-CELL3-FD-10

Lab Sample ID: 680-247131-8

Date Collected: 02/22/24 00:00

Matrix: Water

Date Received: 02/24/24 09:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			997.80 mL	1.0 g	650195	02/28/24 09:44	KAC	EET SL
Total/NA	Analysis	9315		1			653889	03/25/24 14:56	SWS	EET SL
Instrument ID: GFPCBLUE										
Total/NA	Prep	PrecSep_0			997.80 mL	1.0 g	650196	02/28/24 09:47	KAC	EET SL
Total/NA	Analysis	9320		1			652965	03/18/24 11:42	SCB	EET SL
Instrument ID: GFPCORANGE										
Total/NA	Analysis	Ra226_Ra228		1			653993	03/26/24 14:43	FLC	EET SL
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWA-44A

Lab Sample ID: 680-247131-9

Date Collected: 02/22/24 10:37

Matrix: Water

Date Received: 02/24/24 09:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			994.13 mL	1.0 g	650195	02/28/24 09:44	KAC	EET SL
Total/NA	Analysis	9315		1			653889	03/25/24 14:56	SWS	EET SL
Instrument ID: GFPCBLUE										
Total/NA	Prep	PrecSep_0			994.13 mL	1.0 g	650196	02/28/24 09:47	KAC	EET SL
Total/NA	Analysis	9320		1			652965	03/18/24 11:43	SCB	EET SL
Instrument ID: GFPCORANGE										
Total/NA	Analysis	Ra226_Ra228		1			653993	03/26/24 14:43	FLC	EET SL
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWC-31

Lab Sample ID: 680-247131-10

Date Collected: 02/22/24 11:57

Matrix: Water

Date Received: 02/24/24 09:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			996.95 mL	1.0 g	650195	02/28/24 09:44	KAC	EET SL
Total/NA	Analysis	9315		1			653889	03/25/24 14:56	SWS	EET SL
Instrument ID: GFPCBLUE										
Total/NA	Prep	PrecSep_0			996.95 mL	1.0 g	650196	02/28/24 09:47	KAC	EET SL
Total/NA	Analysis	9320		1			652964	03/18/24 11:51	SCB	EET SL
Instrument ID: GFPCBLUE										
Total/NA	Analysis	Ra226_Ra228		1			653993	03/26/24 14:43	FLC	EET SL
Instrument ID: NOEQUIP										

Lab Chronicle

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247131-2

Client Sample ID: SCH-GWC-30

Lab Sample ID: 680-247131-11

Date Collected: 02/22/24 11:07

Matrix: Water

Date Received: 02/24/24 09:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			994.65 mL	1.0 g	650195	02/28/24 09:44	KAC	EET SL
Total/NA	Analysis	9315		1			653889	03/25/24 14:56	SWS	EET SL
Instrument ID: GFPCBLUE										
Total/NA	Prep	PrecSep_0			994.65 mL	1.0 g	650196	02/28/24 09:47	KAC	EET SL
Total/NA	Analysis	9320		1			652964	03/18/24 11:51	SCB	EET SL
Instrument ID: GFPCBLUE										
Total/NA	Analysis	Ra226_Ra228		1			653993	03/26/24 14:43	FLC	EET SL
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWC-32

Lab Sample ID: 680-247131-12

Date Collected: 02/22/24 14:19

Matrix: Water

Date Received: 02/24/24 09:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			994.74 mL	1.0 g	650195	02/28/24 09:44	KAC	EET SL
Total/NA	Analysis	9315		1			653889	03/25/24 14:56	SWS	EET SL
Instrument ID: GFPCBLUE										
Total/NA	Prep	PrecSep_0			994.74 mL	1.0 g	650196	02/28/24 09:47	KAC	EET SL
Total/NA	Analysis	9320		1			652964	03/18/24 11:51	SCB	EET SL
Instrument ID: GFPCBLUE										
Total/NA	Analysis	Ra226_Ra228		1			653993	03/26/24 14:43	FLC	EET SL
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWA-43

Lab Sample ID: 680-247131-13

Date Collected: 02/22/24 16:10

Matrix: Water

Date Received: 02/24/24 09:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			994.25 mL	1.0 g	650195	02/28/24 09:44	KAC	EET SL
Total/NA	Analysis	9315		1			653889	03/25/24 14:57	SWS	EET SL
Instrument ID: GFPCBLUE										
Total/NA	Prep	PrecSep_0			994.25 mL	1.0 g	650196	02/28/24 09:47	KAC	EET SL
Total/NA	Analysis	9320		1			652964	03/18/24 11:51	SCB	EET SL
Instrument ID: GFPCBLUE										
Total/NA	Analysis	Ra226_Ra228		1			653993	03/26/24 14:43	FLC	EET SL
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWC-33A

Lab Sample ID: 680-247131-14

Date Collected: 02/22/24 15:57

Matrix: Water

Date Received: 02/24/24 09:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			995.59 mL	1.0 g	650195	02/28/24 09:44	KAC	EET SL
Total/NA	Analysis	9315		1			653889	03/25/24 14:57	SWS	EET SL
Instrument ID: GFPCBLUE										

Lab Chronicle

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247131-2

Client Sample ID: SCH-GWC-33A

Lab Sample ID: 680-247131-14

Date Collected: 02/22/24 15:57

Matrix: Water

Date Received: 02/24/24 09:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep_0			995.59 mL	1.0 g	650196	02/28/24 09:47	KAC	EET SL
Total/NA	Analysis	9320		1			652964	03/18/24 11:51	SCB	EET SL
Instrument ID: GFPCBLUE										
Total/NA	Analysis	Ra226_Ra228		1			653993	03/26/24 14:43	FLC	EET SL
Instrument ID: NOEQUIP										

Client Sample ID: SCH-CELL3-FD-9

Lab Sample ID: 680-247131-15

Date Collected: 02/22/24 00:00

Matrix: Water

Date Received: 02/24/24 09:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			998.43 mL	1.0 g	650195	02/28/24 09:44	KAC	EET SL
Total/NA	Analysis	9315		1			653889	03/25/24 14:57	SWS	EET SL
Instrument ID: GFPCBLUE										
Total/NA	Prep	PrecSep_0			998.43 mL	1.0 g	650196	02/28/24 09:47	KAC	EET SL
Total/NA	Analysis	9320		1			652964	03/18/24 11:51	SCB	EET SL
Instrument ID: GFPCBLUE										
Total/NA	Analysis	Ra226_Ra228		1			653993	03/26/24 14:43	FLC	EET SL
Instrument ID: NOEQUIP										

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Accreditation/Certification Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247131-2

Laboratory: Eurofins St. Louis

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

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87689	06-30-24

- 1
- 2
- 3
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Method Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247131-2

Method	Method Description	Protocol	Laboratory
9315	Radium-226 (GFPC)	SW846	EET SL
9320	Radium-228 (GFPC)	SW846	EET SL
Ra226_Ra228	Combined Radium-226 and Radium-228	TAL-STL	EET SL
PrecSep_0	Preparation, Precipitate Separation	None	EET SL
PrecSep-21	Preparation, Precipitate Separation (21-Day In-Growth)	None	EET SL

Protocol References:

None = None

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

TAL-STL = TestAmerica Laboratories, St. Louis, Facility Standard Operating Procedure.

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566



Eurofins Savannah

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

Chain of Custody Record

eurofins Environment Testing

244 ATLANTA

Client Information		Sampler(s): Mark Mann		Lab PM / Phone: David Fuller / 770-344-8986		Carrier Tracking No(s):		DOC No:							
Client Contact: Joju Abraham		Site-Project Manager / Phone: Dawn Prell / 248-536-5445		E-Mail: David.Fuller@et.eurofinsus.com		State of Origin: GA		Page: Page 1 of 2							
Company: Southern Company				Analysis Requested				Job #:							
Address: 241 Ralph McGill Blvd SE B10185		Due Date Requested:													
City: Atlanta		TAT Requested (days): 2 weeks													
State, Zip: GA, 30308		Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No													
Phone:		Lab Project #: (DO NOT REMOVE) 68027798													
Email: JAbraham@southernco.com		Lab PO #: GPC82130-0006 / PO Line #5													
Project Name: CCR - Plant Scherer Cell 3		Project #:													
Site:															
								Preservation Codes: A - HCL M - Hexane B - NaOH N - None C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2S2O3 G - Amchlor S - H2SO4 H - Ascorbic Acid T - TSP Dodecahydrate I - Ice U - Acetone J - DI Water V - MCAA K - EDTA W - pH 4-5 L - EDA Y - Trizma Z - other (specify)							
								Task Code: SCH-CCR-OTH-20240222 Special Instructions/Notes:							
Sample Identification		Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_280 - Chloride, Fluoride, Sulfate	2540C - Solids, Total Dissolved (TDS)	6020B - Select ICP/MS (19) Metals	7470A - App IV Mercury	9316_Ra226 - Radium 226	9320_Ra228 - Radium 228	Ra228Ra228_GFPC - Combined Radium 226 and 228	Total Number of containers
				Preservation Code:		X	X	N	N	D	D	D	D	D	X
SCH-GWC-35	2/22/24	14:51	G	WG		N	N	X	X	X	X	X	X	X	5
SCH-CELL3-FB-9	2/22/24	15:35	G	WQ		N	N	X	X	X	X	X	X	X	5
SCH-GWC-36	2/22/24	13:39	G	WG		N	N	X	X	X	X	X	X	X	5
SCH-CELL3-EB-9	2/22/24	15:45	G	WQ		N	N	X	X	X	X	X	X	X	5
SCH-GWC-37	2/22/24	12:32	G	WG		N	N	X	X	X	X	X	X	X	5
SCH-CELL3-FB-10	2/22/24	12:10	G	WQ		N	N	X	X	X	X	X	X	X	5
SCH-GWC-38	2/22/24	10:47	G	WG		N	N	X	X	X	X	X	X	X	5
SCH-CELL3-FD-10	2/22/24	-	G	WG		N	N	X	X	X	X	X	X	X	5
SCH-GWA-44A	2/22/24	10:37	G	WG		N	N	X	X	X	X	X	X	X	5
SCH-GWC-31	2/22/24	11:57	G	WG		N	N	X	X	X	X	X	X	X	7 Extra Rad
SCH-GWC-30	2/22/24	11:07	G	WG		N	N	X	X	X	X	X	X	X	5
Possible Hazard Identification						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)									
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> ammable <input type="checkbox"/> Skant <input type="checkbox"/> Poison B <input type="checkbox"/> Toxin <input type="checkbox"/> adiological						<input type="checkbox"/> Return To Client <input type="checkbox"/> isposal By Lab <input type="checkbox"/> rchive For _____ Months									
Deliverable Requested: I, II, III, IV, Other (specify)						Special Instructions/QC Requirements:									
Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:									
Relinquished by: MARK MANN <i>Mark Mann</i>		Date/Time: 02/22/24 15:35		Company: WSP		Received by: <i>Joju Abraham</i>		Date/Time: 2/23/24 15:35		Company: Eurofins					
Relinquished by: <i>Joju Abraham</i>		Date/Time: 2/23/24 16:00		Company: Eurofins		Received by: <i>C. Mann</i>		Date/Time: 2/24/24 09:52		Company:					
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: 2/19-7 0.6/0.6 25/2.5 18/1.8 1.3/1.3											



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Eurofins Savannah

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

Chain of Custody Record

244-ATLANTA

Client Information		Sampler(s): Mark Mann		Lab PM / Phone: David Fuller / 770-344-8986		Carrier Tracking No(s):		COC No:																				
Client Contact: Joju Abraham		Site-Project Manager / Phone: Dawn Prell / 248-536-5445		E-Mail: David.Fuller@et.eurofinsus.com		State of Origin: GA		Page: Page 2 of 2																				
Company: Southern Company				Analysis Requested				Job #:																				
Address: 241 Ralph McGill Blvd SE B10185		Due Date Requested:		<table border="1"> <tr> <td>Field Filtered Sample (Yes or No)</td> <td>Perform MS/MSD (Yes or No)</td> <td>300_ORGFM_20D - Chloride, Fluoride, Sulfate</td> <td>2540C - Solids, Total Dissolved (TDS)</td> <td>6020B - Select ICPMS (19) Metals</td> <td>7470A - App IV Mercury</td> <td>9315_Ra226 - Radium 226</td> <td>9320_Ra228 - Radium 228</td> <td>Ra226Ra228_GFPC - Combined Radium 226 and 228</td> <td>Total Number of containers</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>				Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_20D - Chloride, Fluoride, Sulfate	2540C - Solids, Total Dissolved (TDS)	6020B - Select ICPMS (19) Metals	7470A - App IV Mercury	9315_Ra226 - Radium 226	9320_Ra228 - Radium 228	Ra226Ra228_GFPC - Combined Radium 226 and 228	Total Number of containers										Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Y - Trizma Z - other (specify)	
Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_20D - Chloride, Fluoride, Sulfate	2540C - Solids, Total Dissolved (TDS)					6020B - Select ICPMS (19) Metals	7470A - App IV Mercury	9315_Ra226 - Radium 226	9320_Ra228 - Radium 228	Ra226Ra228_GFPC - Combined Radium 226 and 228	Total Number of containers															
City: Atlanta		TAT Requested (days): 2 weeks						Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No		Lab Project #: (DO NOT REMOVE) 68027798		Task Code: SCH-CCR-OTH-20240222																
State, Zip: GA, 30308		Lab PO #: GPC82130-0006 / PO Line #5						Project #:		Special Instructions/Notes:																		
Phone:		Lab Project #:		Project #:																								
Email: JAbraham@southernco.com		Project Name: CCR - Plant Scherer Cell 3		Site:																								
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/sol, BT=Tissue, A=Air)	Preservation Code:																						
SCH-GWC-32		2/22/24	14:19	G	WG	N	N	X	X	X	X	X	X	X	5													
SCH-GWA-43		2/22/24	16:10	G	WG	N	N	X	X	X	X	X	X	X	5													
SCH-GWC-33A		2/22/24	15:57	G	WG	N	N	X	X	X	X	X	X	X	5													
SCH-CELL3-FD-9		2/22/24	-	G	WG	N	N	X	X	X	X	X	X	X	5													
					WG	N	N	X	X	X	X	X	X	X	5													
					WG	N	N	X	X	X	X	X	X	X	5													
					WG	N	N	X	X	X	X	X	X	X	5													
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					WG	N	N	X	X	X	X	X	X	X	5													
					WG	N	N	X	X	X	X	X	X	X	5													
Possible Hazard Identification		<input type="checkbox"/> Non-Hazard <input type="checkbox"/> ammable <input type="checkbox"/> Sk <input type="checkbox"/> tant <input type="checkbox"/> Poisdn B <input type="checkbox"/> own <input type="checkbox"/> iadiological				Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)																						
Deliverable Requested: I, II, III, IV, Other (specify)						<input type="checkbox"/> Return To Client <input type="checkbox"/> isposal By Lab <input type="checkbox"/> rchive For _____ Months																						
Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:																						
Relinquished by: MARK MANN		Date/Time: 2/23/24 1535		Company: W49		Received by: [Signature]		Date/Time: 2/23/24 15:35		Company: Eurofins																		
Relinquished by: [Signature]		Date/Time: 2/23/24 16:00		Company: [Signature]		Received by: [Signature]		Date/Time: [Signature]		Company: [Signature]																		
Relinquished by: [Signature]		Date/Time: [Signature]		Company: [Signature]		Received by: [Signature]		Date/Time: 2/24/24 0952		Company: [Signature]																		
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: 2/22/24 70.6/10.0 2/25/25 1-1/1.8 1-3/1.0																								



Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-247131-2

Login Number: 247131

List Number: 1

Creator: Munro, Caroline

List Source: Eurofins Savannah

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



Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-247131-2

Login Number: 247131

List Number: 2

Creator: Thornley, Richard W

List Source: Eurofins St. Louis

List Creation: 02/27/24 04:13 PM

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



 **ANALYTICAL REPORT****PREPARED FOR**

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

Generated 3/8/2024 5:55:06 PM

JOB DESCRIPTION

CCR - Plant Scherer Cell 3

JOB NUMBER

680-247248-1

Eurofins Savannah

Job Notes

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

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

Authorization



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

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Definitions/Glossary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247248-1

Qualifiers

Metals

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

Glossary

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

Sample Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247248-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-247248-1	SCH-GWC-34	Water	02/26/24 11:27	02/27/24 12:05
680-247248-2	SCH-GWA-41	Water	02/26/24 14:20	02/27/24 12:05
680-247248-3	SCH-GWA-54	Water	02/26/24 15:04	02/27/24 12:05
680-247248-4	SCH-CELL3-EB-10	Water	02/26/24 16:20	02/27/24 12:05
680-247248-5	SCH-GWA-39	Water	02/26/24 13:15	02/27/24 12:05
680-247248-6	SCH-GWA-40	Water	02/26/24 12:01	02/27/24 12:05
680-247248-7	SCH-GWA-42	Water	02/26/24 12:42	02/27/24 12:05

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Case Narrative

Client: Southern Company
Project: CCR - Plant Scherer Cell 3

Job ID: 680-247248-1

Job ID: 680-247248-1

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Job Narrative 680-247248-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

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

Receipt

The samples were received on 2/27/2024 12:05 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 2.8°C and 4.5°C.

HPLC/IC

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

Metals

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

General Chemistry

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

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247248-1

Client Sample ID: SCH-GWC-34

Lab Sample ID: 680-247248-1

Date Collected: 02/26/24 11:27

Matrix: Water

Date Received: 02/27/24 12:05

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.0		1.0	0.20	mg/L			03/05/24 12:17	1
Fluoride	<0.20		0.40	0.20	mg/L			03/05/24 12:17	1
Sulfate	2.2		1.0	0.50	mg/L			03/05/24 12:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/29/24 05:51	02/29/24 15:39	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/29/24 05:51	02/29/24 15:39	1
Barium	0.033		0.010	0.00089	mg/L		02/29/24 05:51	02/29/24 15:39	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/29/24 05:51	02/29/24 15:39	1
Boron	0.083		0.080	0.022	mg/L		02/29/24 05:51	02/29/24 15:39	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/29/24 05:51	02/29/24 15:39	1
Calcium	12		0.50	0.14	mg/L		02/29/24 05:51	02/29/24 15:39	1
Chromium	0.013		0.0020	0.0012	mg/L		02/29/24 05:51	02/29/24 15:39	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/29/24 05:51	02/29/24 15:39	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/29/24 05:51	02/29/24 15:39	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/29/24 05:51	02/29/24 15:39	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/29/24 05:51	02/29/24 15:39	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/29/24 05:51	02/29/24 15:39	1
Nickel	0.00043 J		0.0010	0.00042	mg/L		02/29/24 05:51	02/29/24 15:39	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/29/24 05:51	02/29/24 15:39	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/29/24 05:51	02/29/24 15:39	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/29/24 05:51	02/29/24 15:39	1
Vanadium	0.0082		0.0020	0.00063	mg/L		02/29/24 05:51	02/29/24 15:39	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/29/24 05:51	02/29/24 15:39	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/01/24 10:08	03/03/24 10:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	110		10	10	mg/L			02/29/24 16:15	1

Client Sample ID: SCH-GWA-41

Lab Sample ID: 680-247248-2

Date Collected: 02/26/24 14:20

Matrix: Water

Date Received: 02/27/24 12:05

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.4		1.0	0.20	mg/L			03/05/24 12:34	1
Fluoride	<0.20		0.40	0.20	mg/L			03/05/24 12:34	1
Sulfate	1.5		1.0	0.50	mg/L			03/05/24 12:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/29/24 05:51	02/29/24 14:57	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/29/24 05:51	02/29/24 14:57	1
Barium	0.017		0.010	0.00089	mg/L		02/29/24 05:51	02/29/24 14:57	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/29/24 05:51	02/29/24 14:57	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247248-1

Client Sample ID: SCH-GWA-41

Lab Sample ID: 680-247248-2

Date Collected: 02/26/24 14:20

Matrix: Water

Date Received: 02/27/24 12:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.044	J	0.080	0.022	mg/L		02/29/24 05:51	02/29/24 14:57	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/29/24 05:51	02/29/24 14:57	1
Calcium	17		0.50	0.14	mg/L		02/29/24 05:51	02/29/24 14:57	1
Chromium	0.0069		0.0020	0.0012	mg/L		02/29/24 05:51	02/29/24 14:57	1
Cobalt	0.00060	J	0.0025	0.00022	mg/L		02/29/24 05:51	02/29/24 14:57	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/29/24 05:51	02/29/24 14:57	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/29/24 05:51	02/29/24 14:57	1
Lithium	0.0066		0.0050	0.0020	mg/L		02/29/24 05:51	02/29/24 14:57	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/29/24 05:51	02/29/24 14:57	1
Nickel	0.0030		0.0010	0.00042	mg/L		02/29/24 05:51	02/29/24 14:57	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/29/24 05:51	02/29/24 14:57	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/29/24 05:51	02/29/24 14:57	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/29/24 05:51	02/29/24 14:57	1
Vanadium	0.0089		0.0020	0.00063	mg/L		02/29/24 05:51	02/29/24 14:57	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/29/24 05:51	02/29/24 14:57	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/01/24 10:08	03/03/24 10:30	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	140		10	10	mg/L			02/29/24 16:15	1

Client Sample ID: SCH-GWA-54

Lab Sample ID: 680-247248-3

Date Collected: 02/26/24 15:04

Matrix: Water

Date Received: 02/27/24 12:05

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.7		1.0	0.20	mg/L			03/05/24 12:51	1
Fluoride	<0.20		0.40	0.20	mg/L			03/05/24 12:51	1
Sulfate	6.3		1.0	0.50	mg/L			03/05/24 12:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/29/24 05:51	02/29/24 15:42	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/29/24 05:51	02/29/24 15:42	1
Barium	0.10		0.010	0.00089	mg/L		02/29/24 05:51	02/29/24 15:42	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/29/24 05:51	02/29/24 15:42	1
Boron	0.040	J	0.080	0.022	mg/L		02/29/24 05:51	02/29/24 15:42	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/29/24 05:51	02/29/24 15:42	1
Calcium	11		0.50	0.14	mg/L		02/29/24 05:51	02/29/24 15:42	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/29/24 05:51	02/29/24 15:42	1
Cobalt	0.0028		0.0025	0.00022	mg/L		02/29/24 05:51	02/29/24 15:42	1
Copper	0.0011	J	0.0020	0.0011	mg/L		02/29/24 05:51	02/29/24 15:42	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/29/24 05:51	02/29/24 15:42	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/29/24 05:51	02/29/24 15:42	1
Molybdenum	0.0044	J	0.015	0.00086	mg/L		02/29/24 05:51	02/29/24 15:42	1
Nickel	0.0018		0.0010	0.00042	mg/L		02/29/24 05:51	02/29/24 15:42	1

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Client Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247248-1

Client Sample ID: SCH-GWA-54

Lab Sample ID: 680-247248-3

Date Collected: 02/26/24 15:04

Matrix: Water

Date Received: 02/27/24 12:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	<0.00099		0.0050	0.00099	mg/L		02/29/24 05:51	02/29/24 15:42	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/29/24 05:51	02/29/24 15:42	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/29/24 05:51	02/29/24 15:42	1
Vanadium	0.0012	J	0.0020	0.00063	mg/L		02/29/24 05:51	02/29/24 15:42	1
Zinc	0.072		0.0050	0.0028	mg/L		02/29/24 05:51	02/29/24 15:42	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/01/24 10:08	03/03/24 10:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	130		10	10	mg/L			02/29/24 16:15	1

Client Sample ID: SCH-CELL3-EB-10

Lab Sample ID: 680-247248-4

Date Collected: 02/26/24 16:20

Matrix: Water

Date Received: 02/27/24 12:05

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.20		1.0	0.20	mg/L			03/05/24 13:08	1
Fluoride	<0.20		0.40	0.20	mg/L			03/05/24 13:08	1
Sulfate	<0.50		1.0	0.50	mg/L			03/05/24 13:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/29/24 05:51	02/29/24 14:51	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/29/24 05:51	02/29/24 14:51	1
Barium	<0.00089		0.010	0.00089	mg/L		02/29/24 05:51	02/29/24 14:51	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/29/24 05:51	02/29/24 14:51	1
Boron	0.072	J	0.080	0.022	mg/L		02/29/24 05:51	02/29/24 14:51	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/29/24 05:51	02/29/24 14:51	1
Calcium	<0.14		0.50	0.14	mg/L		02/29/24 05:51	02/29/24 14:51	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/29/24 05:51	02/29/24 14:51	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/29/24 05:51	02/29/24 14:51	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/29/24 05:51	02/29/24 14:51	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/29/24 05:51	02/29/24 14:51	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/29/24 05:51	02/29/24 14:51	1
Molybdenum	0.0010	J	0.015	0.00086	mg/L		02/29/24 05:51	02/29/24 14:51	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/29/24 05:51	02/29/24 14:51	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/29/24 05:51	02/29/24 14:51	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/29/24 05:51	02/29/24 14:51	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/29/24 05:51	02/29/24 14:51	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/29/24 05:51	02/29/24 14:51	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/29/24 05:51	02/29/24 14:51	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/01/24 10:08	03/03/24 10:34	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247248-1

Client Sample ID: SCH-CELL3-EB-10

Lab Sample ID: 680-247248-4

Date Collected: 02/26/24 16:20

Matrix: Water

Date Received: 02/27/24 12:05

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	<10		10	10	mg/L			02/29/24 16:15	1

Client Sample ID: SCH-GWA-39

Lab Sample ID: 680-247248-5

Date Collected: 02/26/24 13:15

Matrix: Water

Date Received: 02/27/24 12:05

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.7		1.0	0.20	mg/L			03/05/24 13:25	1
Fluoride	<0.20		0.40	0.20	mg/L			03/05/24 13:25	1
Sulfate	3.6		1.0	0.50	mg/L			03/05/24 13:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/29/24 05:51	02/29/24 14:45	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/29/24 05:51	02/29/24 14:45	1
Barium	0.035		0.010	0.00089	mg/L		02/29/24 05:51	02/29/24 14:45	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/29/24 05:51	02/29/24 14:45	1
Boron	0.25		0.080	0.022	mg/L		02/29/24 05:51	02/29/24 14:45	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/29/24 05:51	02/29/24 14:45	1
Calcium	22		0.50	0.14	mg/L		02/29/24 05:51	02/29/24 14:45	1
Chromium	0.0084		0.0020	0.0012	mg/L		02/29/24 05:51	02/29/24 14:45	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/29/24 05:51	02/29/24 14:45	1
Copper	0.0018	J	0.0020	0.0011	mg/L		02/29/24 05:51	02/29/24 14:45	1
Lead	0.00021	J	0.0010	0.00021	mg/L		02/29/24 05:51	02/29/24 14:45	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/29/24 05:51	02/29/24 14:45	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/29/24 05:51	02/29/24 14:45	1
Nickel	0.0014		0.0010	0.00042	mg/L		02/29/24 05:51	02/29/24 14:45	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/29/24 05:51	02/29/24 14:45	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/29/24 05:51	02/29/24 14:45	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/29/24 05:51	02/29/24 14:45	1
Vanadium	0.025		0.0020	0.00063	mg/L		02/29/24 05:51	02/29/24 14:45	1
Zinc	0.0051		0.0050	0.0028	mg/L		02/29/24 05:51	02/29/24 14:45	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/01/24 10:08	03/03/24 10:36	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	150		10	10	mg/L			02/29/24 16:15	1

Client Sample ID: SCH-GWA-40

Lab Sample ID: 680-247248-6

Date Collected: 02/26/24 12:01

Matrix: Water

Date Received: 02/27/24 12:05

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.2		1.0	0.20	mg/L			03/05/24 13:42	1
Fluoride	<0.20		0.40	0.20	mg/L			03/05/24 13:42	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247248-1

Client Sample ID: SCH-GWA-40

Lab Sample ID: 680-247248-6

Date Collected: 02/26/24 12:01

Matrix: Water

Date Received: 02/27/24 12:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	3.5		1.0	0.50	mg/L			03/05/24 13:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/29/24 05:51	02/29/24 14:54	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/29/24 05:51	02/29/24 14:54	1
Barium	0.065		0.010	0.00089	mg/L		02/29/24 05:51	02/29/24 14:54	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/29/24 05:51	02/29/24 14:54	1
Boron	0.055	J	0.080	0.022	mg/L		02/29/24 05:51	02/29/24 14:54	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/29/24 05:51	02/29/24 14:54	1
Calcium	9.3		0.50	0.14	mg/L		02/29/24 05:51	02/29/24 14:54	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/29/24 05:51	02/29/24 14:54	1
Cobalt	0.014		0.0025	0.00022	mg/L		02/29/24 05:51	02/29/24 14:54	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/29/24 05:51	02/29/24 14:54	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/29/24 05:51	02/29/24 14:54	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/29/24 05:51	02/29/24 14:54	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/29/24 05:51	02/29/24 14:54	1
Nickel	0.015		0.0010	0.00042	mg/L		02/29/24 05:51	02/29/24 14:54	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/29/24 05:51	02/29/24 14:54	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/29/24 05:51	02/29/24 14:54	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/29/24 05:51	02/29/24 14:54	1
Vanadium	0.00067	J	0.0020	0.00063	mg/L		02/29/24 05:51	02/29/24 14:54	1
Zinc	0.011		0.0050	0.0028	mg/L		02/29/24 05:51	02/29/24 14:54	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/01/24 10:08	03/03/24 10:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	71		10	10	mg/L			02/29/24 16:15	1

Client Sample ID: SCH-GWA-42

Lab Sample ID: 680-247248-7

Date Collected: 02/26/24 12:42

Matrix: Water

Date Received: 02/27/24 12:05

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.0		1.0	0.20	mg/L			03/05/24 13:59	1
Fluoride	<0.20		0.40	0.20	mg/L			03/05/24 13:59	1
Sulfate	2.3		1.0	0.50	mg/L			03/05/24 13:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/29/24 05:51	02/29/24 15:28	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/29/24 05:51	02/29/24 15:28	1
Barium	0.086		0.010	0.00089	mg/L		02/29/24 05:51	02/29/24 15:28	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/29/24 05:51	02/29/24 15:28	1
Boron	<0.022		0.080	0.022	mg/L		02/29/24 05:51	02/29/24 15:28	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/29/24 05:51	02/29/24 15:28	1

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Client Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247248-1

Client Sample ID: SCH-GWA-42

Lab Sample ID: 680-247248-7

Date Collected: 02/26/24 12:42

Matrix: Water

Date Received: 02/27/24 12:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	23		0.50	0.14	mg/L		02/29/24 05:51	02/29/24 15:28	1
Chromium	0.0023		0.0020	0.0012	mg/L		02/29/24 05:51	02/29/24 15:28	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/29/24 05:51	02/29/24 15:28	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/29/24 05:51	02/29/24 15:28	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/29/24 05:51	02/29/24 15:28	1
Lithium	0.0038	J	0.0050	0.0020	mg/L		02/29/24 05:51	02/29/24 15:28	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/29/24 05:51	02/29/24 15:28	1
Nickel	0.0018		0.0010	0.00042	mg/L		02/29/24 05:51	02/29/24 15:28	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/29/24 05:51	02/29/24 15:28	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/29/24 05:51	02/29/24 15:28	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/29/24 05:51	02/29/24 15:28	1
Vanadium	0.0087		0.0020	0.00063	mg/L		02/29/24 05:51	02/29/24 15:28	1
Zinc	0.0072		0.0050	0.0028	mg/L		02/29/24 05:51	02/29/24 15:28	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/01/24 10:08	03/03/24 10:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	170		10	10	mg/L			02/29/24 16:15	1

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247248-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 670-79096/6
Matrix: Water
Analysis Batch: 79096

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.20		1.0	0.20	mg/L			03/05/24 10:33	1
Fluoride	<0.20		0.40	0.20	mg/L			03/05/24 10:33	1
Sulfate	<0.50		1.0	0.50	mg/L			03/05/24 10:33	1

Lab Sample ID: LCS 670-79096/4
Matrix: Water
Analysis Batch: 79096

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	4.00	3.99		mg/L		100	90 - 110
Fluoride	4.00	4.07		mg/L		102	90 - 110
Sulfate	4.00	3.99		mg/L		100	90 - 110

Lab Sample ID: LCSD 670-79096/5
Matrix: Water
Analysis Batch: 79096

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	4.00	3.99		mg/L		100	90 - 110	0	20
Fluoride	4.00	4.08		mg/L		102	90 - 110	0	20
Sulfate	4.00	3.98		mg/L		100	90 - 110	0	20

Lab Sample ID: 680-247150-C-15 MS
Matrix: Water
Analysis Batch: 79096

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.22	J	5.00	5.34		mg/L		102	80 - 120
Fluoride	<0.20		5.00	5.45		mg/L		109	80 - 120
Sulfate	<0.50		5.00	5.46		mg/L		109	80 - 120

Lab Sample ID: 680-247150-C-15 MSD
Matrix: Water
Analysis Batch: 79096

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	0.22	J	5.00	5.35		mg/L		103	80 - 120	0	20
Fluoride	<0.20		5.00	5.44		mg/L		109	80 - 120	0	20
Sulfate	<0.50		5.00	5.47		mg/L		109	80 - 120	0	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 680-825071/1-A
Matrix: Water
Analysis Batch: 825445

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 825071

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/29/24 05:51	03/01/24 09:39	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/29/24 05:51	03/01/24 09:39	1
Barium	<0.00089		0.010	0.00089	mg/L		02/29/24 05:51	03/01/24 09:39	1

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QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247248-1

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

Lab Sample ID: MB 680-825071/1-A
Matrix: Water
Analysis Batch: 825445

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 825071

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/29/24 05:51	03/01/24 09:39	1
Boron	<0.022		0.080	0.022	mg/L		02/29/24 05:51	03/01/24 09:39	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/29/24 05:51	03/01/24 09:39	1
Calcium	<0.14		0.50	0.14	mg/L		02/29/24 05:51	03/01/24 09:39	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/29/24 05:51	03/01/24 09:39	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/29/24 05:51	03/01/24 09:39	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/29/24 05:51	03/01/24 09:39	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/29/24 05:51	03/01/24 09:39	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/29/24 05:51	03/01/24 09:39	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/29/24 05:51	03/01/24 09:39	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/29/24 05:51	03/01/24 09:39	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/29/24 05:51	03/01/24 09:39	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/29/24 05:51	03/01/24 09:39	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/29/24 05:51	03/01/24 09:39	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/29/24 05:51	03/01/24 09:39	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/29/24 05:51	03/01/24 09:39	1

Lab Sample ID: LCS 680-825071/2-A
Matrix: Water
Analysis Batch: 825445

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 825071

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0550		mg/L		110	80 - 120
Arsenic	0.100	0.109		mg/L		109	80 - 120
Barium	0.100	0.110		mg/L		110	80 - 120
Beryllium	0.0500	0.0527		mg/L		105	80 - 120
Boron	0.400	0.405		mg/L		101	80 - 120
Cadmium	0.0500	0.0548		mg/L		110	80 - 120
Calcium	5.00	5.27		mg/L		105	80 - 120
Chromium	0.100	0.104		mg/L		104	80 - 120
Cobalt	0.0500	0.0530		mg/L		106	80 - 120
Copper	0.101	0.113		mg/L		111	80 - 120
Lead	0.500	0.494		mg/L		99	80 - 120
Lithium	0.500	0.536		mg/L		107	80 - 120
Molybdenum	0.100	0.100		mg/L		100	80 - 120
Nickel	0.100	0.101		mg/L		101	80 - 120
Selenium	0.100	0.105		mg/L		105	80 - 120
Silver	0.0500	0.0535		mg/L		107	80 - 120
Thallium	0.0500	0.0530		mg/L		106	80 - 120
Vanadium	0.100	0.105		mg/L		105	80 - 120
Zinc	0.0505	0.0553		mg/L		109	80 - 120

Lab Sample ID: 680-247253-D-4-B MS
Matrix: Water
Analysis Batch: 825445

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 825071

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.00034		0.0500	0.0532		mg/L		106	75 - 125
Arsenic	0.0018		0.100	0.0960		mg/L		94	75 - 125

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QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247248-1

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

Lab Sample ID: 680-247253-D-4-B MS
Matrix: Water
Analysis Batch: 825445

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 825071

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec	
	Result	Qualifier	Added	Result	Qualifier				Limits	
Barium	0.010		0.100	0.119		mg/L		108	75 - 125	
Beryllium	<0.00020		0.0500	0.0470		mg/L		94	75 - 125	
Boron	6.3		0.400	6.85	4	mg/L		130	75 - 125	
Cadmium	0.00032	J	0.0500	0.0544		mg/L		108	75 - 125	
Calcium	41		5.00	44.8	4	mg/L		85	75 - 125	
Chromium	0.010		0.100	0.119		mg/L		108	75 - 125	
Cobalt	0.069		0.0500	0.125		mg/L		111	75 - 125	
Copper	0.018		0.101	0.125		mg/L		105	75 - 125	
Lead	<0.00021		0.500	0.485		mg/L		97	75 - 125	
Lithium	0.0069		0.500	0.528		mg/L		104	75 - 125	
Molybdenum	<0.00086		0.100	0.103		mg/L		103	75 - 125	
Nickel	0.0099		0.100	0.115		mg/L		105	75 - 125	
Selenium	0.0053		0.100	0.0999		mg/L		95	75 - 125	
Silver	<0.00039		0.0500	0.0534		mg/L		107	75 - 125	
Thallium	<0.00026		0.0500	0.0549		mg/L		110	75 - 125	
Vanadium	<0.00063		0.100	0.108		mg/L		108	75 - 125	
Zinc	0.12		0.0505	0.172		mg/L		97	75 - 125	

Lab Sample ID: 680-247253-D-4-C MSD
Matrix: Water
Analysis Batch: 825445

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 825071

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec		RPD	
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD	Limit	
Antimony	<0.00034		0.0500	0.0537		mg/L		107	75 - 125		1	20
Arsenic	0.0018		0.100	0.0976		mg/L		96	75 - 125		2	20
Barium	0.010		0.100	0.119		mg/L		109	75 - 125		0	20
Beryllium	<0.00020		0.0500	0.0484		mg/L		97	75 - 125		3	20
Boron	6.3		0.400	6.65	4	mg/L		81	75 - 125		3	20
Cadmium	0.00032	J	0.0500	0.0558		mg/L		111	75 - 125		3	20
Calcium	41		5.00	44.3	4	mg/L		74	75 - 125		1	20
Chromium	0.010		0.100	0.118		mg/L		108	75 - 125		0	20
Cobalt	0.069		0.0500	0.122		mg/L		105	75 - 125		2	20
Copper	0.018		0.101	0.131		mg/L		111	75 - 125		4	20
Lead	<0.00021		0.500	0.503		mg/L		101	75 - 125		4	20
Lithium	0.0069		0.500	0.520		mg/L		103	75 - 125		2	20
Molybdenum	<0.00086		0.100	0.106		mg/L		106	75 - 125		3	20
Nickel	0.0099		0.100	0.116		mg/L		106	75 - 125		0	20
Selenium	0.0053		0.100	0.0994		mg/L		94	75 - 125		1	20
Silver	<0.00039		0.0500	0.0544		mg/L		109	75 - 125		2	20
Thallium	<0.00026		0.0500	0.0548		mg/L		110	75 - 125		0	20
Vanadium	<0.00063		0.100	0.109		mg/L		109	75 - 125		1	20
Zinc	0.12		0.0505	0.174		mg/L		101	75 - 125		1	20

QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247248-1

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 680-825377/1-A
Matrix: Water
Analysis Batch: 825614

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 825377

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/01/24 10:08	03/03/24 09:59	1

Lab Sample ID: LCS 680-825377/2-A
Matrix: Water
Analysis Batch: 825614

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 825377

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00250	0.00244		mg/L		98	80 - 120

Lab Sample ID: 680-247117-C-2-D MS
Matrix: Water
Analysis Batch: 825614

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 825377

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.000080		0.00100	0.00108		mg/L		108	80 - 120

Lab Sample ID: 680-247117-C-2-E MSD
Matrix: Water
Analysis Batch: 825614

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 825377

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.000080		0.00100	0.000988		mg/L		99	80 - 120	9	20

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

Lab Sample ID: MB 680-825280/1
Matrix: Water
Analysis Batch: 825280

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			02/29/24 16:15	1

Lab Sample ID: LCS 680-825280/2
Matrix: Water
Analysis Batch: 825280

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	2410	2430		mg/L		101	80 - 120

Lab Sample ID: LCSD 680-825280/3
Matrix: Water
Analysis Batch: 825280

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids	2410	2430		mg/L		101	80 - 120	0	25

QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247248-1

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

Lab Sample ID: 680-247251-A-1 DU
Matrix: Water
Analysis Batch: 825280

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	RPD
	Result	Qualifier	Result	Qualifier				Limit
Total Dissolved Solids	1100		1150		mg/L		0.5	5

Lab Sample ID: 680-247270-B-2 DU
Matrix: Water
Analysis Batch: 825280

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	RPD
	Result	Qualifier	Result	Qualifier				Limit
Total Dissolved Solids	630		608		mg/L		3	5



QC Association Summary

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247248-1

HPLC/IC

Analysis Batch: 79096

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247248-1	SCH-GWC-34	Total/NA	Water	300.0	
680-247248-2	SCH-GWA-41	Total/NA	Water	300.0	
680-247248-3	SCH-GWA-54	Total/NA	Water	300.0	
680-247248-4	SCH-CELL3-EB-10	Total/NA	Water	300.0	
680-247248-5	SCH-GWA-39	Total/NA	Water	300.0	
680-247248-6	SCH-GWA-40	Total/NA	Water	300.0	
680-247248-7	SCH-GWA-42	Total/NA	Water	300.0	
MB 670-79096/6	Method Blank	Total/NA	Water	300.0	
LCS 670-79096/4	Lab Control Sample	Total/NA	Water	300.0	
LCSD 670-79096/5	Lab Control Sample Dup	Total/NA	Water	300.0	
680-247150-C-15 MS	Matrix Spike	Total/NA	Water	300.0	
680-247150-C-15 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Metals

Prep Batch: 825071

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247248-1	SCH-GWC-34	Total Recoverable	Water	3005A	
680-247248-2	SCH-GWA-41	Total Recoverable	Water	3005A	
680-247248-3	SCH-GWA-54	Total Recoverable	Water	3005A	
680-247248-4	SCH-CELL3-EB-10	Total Recoverable	Water	3005A	
680-247248-5	SCH-GWA-39	Total Recoverable	Water	3005A	
680-247248-6	SCH-GWA-40	Total Recoverable	Water	3005A	
680-247248-7	SCH-GWA-42	Total Recoverable	Water	3005A	
MB 680-825071/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-825071/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
680-247253-D-4-B MS	Matrix Spike	Total Recoverable	Water	3005A	
680-247253-D-4-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Prep Batch: 825377

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247248-1	SCH-GWC-34	Total/NA	Water	7470A	
680-247248-2	SCH-GWA-41	Total/NA	Water	7470A	
680-247248-3	SCH-GWA-54	Total/NA	Water	7470A	
680-247248-4	SCH-CELL3-EB-10	Total/NA	Water	7470A	
680-247248-5	SCH-GWA-39	Total/NA	Water	7470A	
680-247248-6	SCH-GWA-40	Total/NA	Water	7470A	
680-247248-7	SCH-GWA-42	Total/NA	Water	7470A	
MB 680-825377/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-825377/2-A	Lab Control Sample	Total/NA	Water	7470A	
680-247117-C-2-D MS	Matrix Spike	Total/NA	Water	7470A	
680-247117-C-2-E MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 825445

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247248-1	SCH-GWC-34	Total Recoverable	Water	6020B	825071
680-247248-2	SCH-GWA-41	Total Recoverable	Water	6020B	825071
680-247248-3	SCH-GWA-54	Total Recoverable	Water	6020B	825071
680-247248-4	SCH-CELL3-EB-10	Total Recoverable	Water	6020B	825071
680-247248-5	SCH-GWA-39	Total Recoverable	Water	6020B	825071
680-247248-6	SCH-GWA-40	Total Recoverable	Water	6020B	825071

QC Association Summary

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247248-1

Metals (Continued)

Analysis Batch: 825445 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247248-7	SCH-GWA-42	Total Recoverable	Water	6020B	825071
MB 680-825071/1-A	Method Blank	Total Recoverable	Water	6020B	825071
LCS 680-825071/2-A	Lab Control Sample	Total Recoverable	Water	6020B	825071
680-247253-D-4-B MS	Matrix Spike	Total Recoverable	Water	6020B	825071
680-247253-D-4-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	825071

Analysis Batch: 825614

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247248-1	SCH-GWC-34	Total/NA	Water	7470A	825377
680-247248-2	SCH-GWA-41	Total/NA	Water	7470A	825377
680-247248-3	SCH-GWA-54	Total/NA	Water	7470A	825377
680-247248-4	SCH-CELL3-EB-10	Total/NA	Water	7470A	825377
680-247248-5	SCH-GWA-39	Total/NA	Water	7470A	825377
680-247248-6	SCH-GWA-40	Total/NA	Water	7470A	825377
680-247248-7	SCH-GWA-42	Total/NA	Water	7470A	825377
MB 680-825377/1-A	Method Blank	Total/NA	Water	7470A	825377
LCS 680-825377/2-A	Lab Control Sample	Total/NA	Water	7470A	825377
680-247117-C-2-D MS	Matrix Spike	Total/NA	Water	7470A	825377
680-247117-C-2-E MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	825377

General Chemistry

Analysis Batch: 825280

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247248-1	SCH-GWC-34	Total/NA	Water	2540C-2011	
680-247248-2	SCH-GWA-41	Total/NA	Water	2540C-2011	
680-247248-3	SCH-GWA-54	Total/NA	Water	2540C-2011	
680-247248-4	SCH-CELL3-EB-10	Total/NA	Water	2540C-2011	
680-247248-5	SCH-GWA-39	Total/NA	Water	2540C-2011	
680-247248-6	SCH-GWA-40	Total/NA	Water	2540C-2011	
680-247248-7	SCH-GWA-42	Total/NA	Water	2540C-2011	
MB 680-825280/1	Method Blank	Total/NA	Water	2540C-2011	
LCS 680-825280/2	Lab Control Sample	Total/NA	Water	2540C-2011	
LCSD 680-825280/3	Lab Control Sample Dup	Total/NA	Water	2540C-2011	
680-247251-A-1 DU	Duplicate	Total/NA	Water	2540C-2011	
680-247270-B-2 DU	Duplicate	Total/NA	Water	2540C-2011	

Lab Chronicle

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247248-1

Client Sample ID: SCH-GWC-34

Lab Sample ID: 680-247248-1

Date Collected: 02/26/24 11:27

Matrix: Water

Date Received: 02/27/24 12:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			79096	03/05/24 12:17	BR	EET ORL
Instrument ID: IC_004										
Total Recoverable	Prep	3005A			25 mL	125 mL	825071	02/29/24 05:51	RR	EET SAV
Total Recoverable	Analysis	6020B		1			825445	02/29/24 15:39	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	825377	03/01/24 10:08	DW	EET SAV
Total/NA	Analysis	7470A		1			825614	03/03/24 10:28	BCB	EET SAV
Instrument ID: QuickTrace2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	825280	02/29/24 16:15	PG	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWA-41

Lab Sample ID: 680-247248-2

Date Collected: 02/26/24 14:20

Matrix: Water

Date Received: 02/27/24 12:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			79096	03/05/24 12:34	BR	EET ORL
Instrument ID: IC_004										
Total Recoverable	Prep	3005A			25 mL	125 mL	825071	02/29/24 05:51	RR	EET SAV
Total Recoverable	Analysis	6020B		1			825445	02/29/24 14:57	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	825377	03/01/24 10:08	DW	EET SAV
Total/NA	Analysis	7470A		1			825614	03/03/24 10:30	BCB	EET SAV
Instrument ID: QuickTrace2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	825280	02/29/24 16:15	PG	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWA-54

Lab Sample ID: 680-247248-3

Date Collected: 02/26/24 15:04

Matrix: Water

Date Received: 02/27/24 12:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			79096	03/05/24 12:51	BR	EET ORL
Instrument ID: IC_004										
Total Recoverable	Prep	3005A			25 mL	125 mL	825071	02/29/24 05:51	RR	EET SAV
Total Recoverable	Analysis	6020B		1			825445	02/29/24 15:42	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	825377	03/01/24 10:08	DW	EET SAV
Total/NA	Analysis	7470A		1			825614	03/03/24 10:32	BCB	EET SAV
Instrument ID: QuickTrace2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	825280	02/29/24 16:15	PG	EET SAV
Instrument ID: NOEQUIP										

Lab Chronicle

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247248-1

Client Sample ID: SCH-CELL3-EB-10

Lab Sample ID: 680-247248-4

Date Collected: 02/26/24 16:20

Matrix: Water

Date Received: 02/27/24 12:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			79096	03/05/24 13:08	BR	EET ORL
Instrument ID: IC_004										
Total Recoverable	Prep	3005A			25 mL	125 mL	825071	02/29/24 05:51	RR	EET SAV
Total Recoverable	Analysis	6020B		1			825445	02/29/24 14:51	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	825377	03/01/24 10:08	DW	EET SAV
Total/NA	Analysis	7470A		1			825614	03/03/24 10:34	BCB	EET SAV
Instrument ID: QuickTrace2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	825280	02/29/24 16:15	PG	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWA-39

Lab Sample ID: 680-247248-5

Date Collected: 02/26/24 13:15

Matrix: Water

Date Received: 02/27/24 12:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			79096	03/05/24 13:25	BR	EET ORL
Instrument ID: IC_004										
Total Recoverable	Prep	3005A			25 mL	125 mL	825071	02/29/24 05:51	RR	EET SAV
Total Recoverable	Analysis	6020B		1			825445	02/29/24 14:45	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	825377	03/01/24 10:08	DW	EET SAV
Total/NA	Analysis	7470A		1			825614	03/03/24 10:36	BCB	EET SAV
Instrument ID: QuickTrace2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	825280	02/29/24 16:15	PG	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWA-40

Lab Sample ID: 680-247248-6

Date Collected: 02/26/24 12:01

Matrix: Water

Date Received: 02/27/24 12:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			79096	03/05/24 13:42	BR	EET ORL
Instrument ID: IC_004										
Total Recoverable	Prep	3005A			25 mL	125 mL	825071	02/29/24 05:51	RR	EET SAV
Total Recoverable	Analysis	6020B		1			825445	02/29/24 14:54	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	825377	03/01/24 10:08	DW	EET SAV
Total/NA	Analysis	7470A		1			825614	03/03/24 10:38	BCB	EET SAV
Instrument ID: QuickTrace2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	825280	02/29/24 16:15	PG	EET SAV
Instrument ID: NOEQUIP										

Lab Chronicle

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247248-1

Client Sample ID: SCH-GWA-42

Lab Sample ID: 680-247248-7

Date Collected: 02/26/24 12:42

Matrix: Water

Date Received: 02/27/24 12:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			79096	03/05/24 13:59	BR	EET ORL
Instrument ID: IC_004										
Total Recoverable	Prep	3005A			25 mL	125 mL	825071	02/29/24 05:51	RR	EET SAV
Total Recoverable	Analysis	6020B		1			825445	02/29/24 15:28	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	825377	03/01/24 10:08	DW	EET SAV
Total/NA	Analysis	7470A		1			825614	03/03/24 10:40	BCB	EET SAV
Instrument ID: QuickTrace2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	825280	02/29/24 16:15	PG	EET SAV
Instrument ID: NOEQUIP										

Laboratory References:

EET ORL = Eurofins Orlando, 481 Newburyport Avenue, Altamonte Springs, FL 32701, TEL (407)339-5984

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



Accreditation/Certification Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247248-1

Laboratory: Eurofins Savannah

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

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87052	06-30-24
Georgia	State	E87052	06-30-24

Laboratory: Eurofins Orlando

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

Authority	Program	Identification Number	Expiration Date
Alabama	State	42800	06-30-24
Arkansas (DW)	State	FL00091	06-30-24
Florida	NELAP	E83018	06-30-24
Georgia (DW)	State	C055	06-30-24
Louisiana (All)	NELAP	239316	06-30-24
Louisiana (DW)	State	LA039	05-24-24
Mississippi	State	MS00007	06-30-24
New Mexico	State	FL00091	06-30-24
North Carolina (DW)	State	12712	07-31-24
Tennessee	State	TN04930	06-30-24
Texas	NELAP	T104704571	02-28-25
Washington	State	C1089	10-19-24

Method Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247248-1

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	EPA	EET ORL
6020B	Metals (ICP/MS)	SW846	EET SAV
7470A	Mercury (CVAA)	SW846	EET SAV
2540C-2011	Total Dissolved Solids (Dried at 180 °C)	SM	EET SAV
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET SAV
7470A	Preparation, Mercury	SW846	EET SAV

Protocol References:

EPA = US Environmental Protection Agency

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

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

Laboratory References:

EET ORL = Eurofins Orlando, 481 Newburyport Avenue, Altamonte Springs, FL 32701, TEL (407)339-5984

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

Chain of Custody Record

Client Information		Sampler(s): Mark Mann		Lab PM / Phone: David Fuller / 770-344-8986		Carrier Tracking No(s):		COC No:																	
Client Contact: Joju Abraham		Site-Project Manager / Phone: Dawn Prell / 248-536-5445		E-Mail: David.Fuller@et.eurofins.us		State of Origin: GA		Page: Page 1 of 1																	
Company: Southern Company				Analysis Requested				Job #:																	
Address: 241 Ralph McGill Blvd SE B10185		Due Date Requested:		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		Preservation Codes:																	
City: Atlanta		TAT Requested (days): 2 weeks		300_ORGFM_28D - Chloride, Fluoride, Sulfate		2640C - Solids, Total Dissolved (TDS)		A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Y - Trizma Z - other (specify)																	
State, Zip: GA, 30308		Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No		6020B - Select ICPMS (19) Metals		7470A - App IV Mercury		Other:																	
Phone:		Lab Project #: (DO NOT REMOVE) 68027798		9315_Ra226 - Radium 226		9320_Ra228 - Radium 228		Task Code: SCH-CCR-OTH-20240226																	
Email: JAbraham@southernco.com		Lab PO #: GPC82130-0006 / PO Line #5		Ra228Ra228_GFPC - Combined Radium 226 and 228				Special Instructions/Notes:																	
Project Name: CCR - Plant Scherer Cell 3		Project #:																							
Site:																									
Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (Water, Solid, Onwaste/oil, BT+Tissue, Air)												Total Number of containers									
Preservation Code:					<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N	N	D	D	D	D	D	D											
SCH-GWC-34	2/26/24	11:27	G	WG	N	N	X	X	X	X	X	X	X	X									7	Extra Rad	
SCH-GWA-41	2/26/24	14:20	G	WG	N	N	X	X	X	X	X	X	X	X										5	
SCH-GWA-54	2/26/24	15:04	G	WG	N	N	X	X	X	X	X	X	X	X										5	
SCH-CELL3-EB-10	2/26/24	16:20	G	WQ	N	N	X	X	X	X	X	X	X	X										5	
SCH-GWA-39	2/26/24	13:15	G	WG	N	N	X	X	X	X	X	X	X	X										5	
SCH-GWA-40	2/26/24	12:01	G	WG	N	N	X	X	X	X	X	X	X	X										5	
SCH-GWA-42	2/26/24	12:42	G	WG	N	N	X	X	X	X	X	X	X	X										5	
Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> ammable <input type="checkbox"/> ant <input type="checkbox"/> Poison B <input type="checkbox"/> rown <input type="checkbox"/> adiological					Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input type="checkbox"/> isposal By Lab <input type="checkbox"/> rchive For _____ Months																				
Deliverable Requested: I, II, III, IV, Other (specify)					Special Instructions/QC Requirements:																				
Empty Kit Relinquished by:			Date:			Time:			Method of Shipment:																
Relinquished by: MARK MANN / [Signature]			Date/Time: 02/27/24 8:25			Company: WSP			Received by:			Date/Time:			Company:										
Relinquished by: K COOK RECEIVED:			Date/Time: 02/27/24 8:25			Company:			Received by:			Date/Time:			Company:										
Relinquished by:			Date/Time:			Company:			Received by: C. Munns			Date/Time: 2/27/24 12:05			Company: EUROFINS										
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:			Cooler Temperature(s) °C and Other Remarks: 2.9/2.8 4.5/4.5																				



Eurofins Savannah

5102 LaRoche Avenue
Savannah, GA 31404
Phone: 912-354-7858 Fax: 912-352-0165

Chain of Custody Record



Environment Testing

Client Information (Sub Contract Lab)		Sampler:		Lab PM:		Carrier Tracking No(s):		COC No:																																																					
Client Contact: Shipping/Receiving		Phone:		Fuller, David		E-Mail: David.Fuller@et.eurofinsus.com		680-765080.1																																																					
Company: Eurofins Environment Testing Southeast,		Address: 481 Newburyport Avenue,		Due Date Requested: 3/8/2024		Accreditations Required (See note): NELAP - Florida; State - Georgia		Page: Page 1 of 1																																																					
City: Altamonte Springs		State, Zip: FL, 32701		TAT Requested (days):		Analysis Requested		Job #: 680-247248-1																																																					
Phone: 407-339-5984(Tel) 407-260-6110(Fax)		Email:		PO #:		<table border="1"> <tr> <td rowspan="3">Field Filtered Sample (Yes or No)</td> <td rowspan="3">Perform MS/MSD (Yes or No)</td> <td rowspan="3">300_ORGFM, 28D/ CI, S04, Br</td> <td colspan="16"></td> <td rowspan="3">Total Number of containers</td> </tr> <tr> <td colspan="16"></td> </tr> <tr> <td colspan="16"></td> </tr> </table>		Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM, 28D/ CI, S04, Br																	Total Number of containers																																	Preservation Codes: A - HCL M - Hexane B - NaOH N - None C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2S2O3 G - Amchlor S - H2SO4 H - Ascorbic Acid T - TSP Dodecahydrate I - Ice U - Acetone J - DI Water V - MCAA K - EDTA W - pH 4-5 L - EDA Y - Trizma Z - other (specify)	
Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM, 28D/ CI, S04, Br																	Total Number of containers																																										
Project Name: CCR - Plant Scherer Cell 3		Project #: 68027798		SSOW#:		Other:																																																							
Site:																																																													
Sample Identification - Client ID (Lab ID)		Sample Date		Sample Time		Sample Type (C=comp, G=grab)		Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)		Special Instructions/Note:																																																			
						Preservation Code:																																																							
SCH-GWC-34 (680-247248-1)		2/26/24		11:27 Eastern		Water		X		1																																																			
SCH-GWA-41 (680-247248-2)		2/26/24		14:20 Eastern		Water		X		1																																																			
SCH-GWA-54 (680-247248-3)		2/26/24		15:04 Eastern		Water		X		1																																																			
SCH-CELL3-EB-10 (680-247248-4)		2/26/24		16:20 Eastern		Water		X		1																																																			
SCH-GWA-39 (680-247248-5)		2/26/24		13:15 Eastern		Water		X		1																																																			
SCH-GWA-40 (680-247248-6)		2/26/24		12:01 Eastern		Water		X		1																																																			
SCH-GWA-42 (680-247248-7)		2/26/24		12:42 Eastern		Water		X		1																																																			
<p>Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, LLC.</p>																																																													
Possible Hazard Identification						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)																																																							
Unconfirmed						<input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months																																																							
Deliverable Requested: I, II, III, IV, Other (specify)				Primary Deliverable Rank: 2		Special Instructions/QC Requirements:																																																							
Empty Kit Relinquished by:				Date:		Time:		Method of Shipment:																																																					
Relinquished by: <i>C. Moore</i>				Date/Time: 3/1/24 11:00		Company:		Received by:		Date/Time:																																																			
Relinquished by:				Date/Time:		Company:		Received by:		Date/Time:																																																			
Relinquished by:				Date/Time:		Company:		Received by: <i>Annex Moore</i>		Date/Time: 3/2/24 9:30																																																			
Custody Seals Intact: Δ Yes Δ No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: L-4/1/1 516																																																									



Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-247248-1

Login Number: 247248

List Number: 1

Creator: Johnson, Corey M

List Source: Eurofins Savannah

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

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-247248-1

Login Number: 247248

List Number: 3

Creator: Wehr, Alexander C

List Source: Eurofins Orlando

List Creation: 03/02/24 10:36 AM

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

 **ANALYTICAL REPORT****PREPARED FOR**

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

Generated 3/29/2024 5:33:47 PM

JOB DESCRIPTION

CCR - Plant Scherer Cell 3

JOB NUMBER

680-247248-2

Eurofins Savannah

Job Notes

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

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

Authorization



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3/29/2024 5:33:47 PM

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

Definitions/Glossary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247248-2

Qualifiers

Rad

Qualifier	Qualifier Description
U	Result is less than the sample detection limit.

Glossary

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

Sample Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247248-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-247248-1	SCH-GWC-34	Water	02/26/24 11:27	02/27/24 12:05
680-247248-2	SCH-GWA-41	Water	02/26/24 14:20	02/27/24 12:05
680-247248-3	SCH-GWA-54	Water	02/26/24 15:04	02/27/24 12:05
680-247248-4	SCH-CELL3-EB-10	Water	02/26/24 16:20	02/27/24 12:05
680-247248-5	SCH-GWA-39	Water	02/26/24 13:15	02/27/24 12:05
680-247248-6	SCH-GWA-40	Water	02/26/24 12:01	02/27/24 12:05
680-247248-7	SCH-GWA-42	Water	02/26/24 12:42	02/27/24 12:05

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Case Narrative

Client: Southern Company
Project: CCR - Plant Scherer Cell 3

Job ID: 680-247248-2

Job ID: 680-247248-2

Eurofins Savannah

Job Narrative 680-247248-2

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

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

Receipt

The samples were received on 2/27/2024 12:05 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 2.8°C and 4.5°C.

Gas Flow Proportional Counter

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

Rad

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

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Client Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247248-2

Client Sample ID: SCH-GWC-34

Lab Sample ID: 680-247248-1

Date Collected: 02/26/24 11:27

Matrix: Water

Date Received: 02/27/24 12:05

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert.	Uncert.						
			(2σ+/-)	(2σ+/-)						
Radium-226	0.148	U	0.130	0.131	1.00	0.195	pCi/L	03/06/24 07:36	03/28/24 14:56	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	103		30 - 110					03/06/24 07:36	03/28/24 14:56	1

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert.	Uncert.						
			(2σ+/-)	(2σ+/-)						
Radium-228	0.0776	U	0.286	0.286	1.00	0.514	pCi/L	03/06/24 07:53	03/27/24 12:03	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	103		30 - 110					03/06/24 07:53	03/27/24 12:03	1
Y Carrier	83.4		30 - 110					03/06/24 07:53	03/27/24 12:03	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert.	Uncert.						
			(2σ+/-)	(2σ+/-)						
Combined Radium 226 + 228	0.225	U	0.314	0.315	5.00	0.514	pCi/L		03/29/24 16:10	1

Client Sample ID: SCH-GWA-41

Lab Sample ID: 680-247248-2

Date Collected: 02/26/24 14:20

Matrix: Water

Date Received: 02/27/24 12:05

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert.	Uncert.						
			(2σ+/-)	(2σ+/-)						
Radium-226	0.135	U	0.164	0.165	1.00	0.270	pCi/L	03/06/24 07:36	03/28/24 14:56	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.4		30 - 110					03/06/24 07:36	03/28/24 14:56	1

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert.	Uncert.						
			(2σ+/-)	(2σ+/-)						
Radium-228	0.0211	U	0.282	0.282	1.00	0.528	pCi/L	03/06/24 07:53	03/27/24 12:04	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.4		30 - 110					03/06/24 07:53	03/27/24 12:04	1
Y Carrier	84.5		30 - 110					03/06/24 07:53	03/27/24 12:04	1

Client Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247248-2

Client Sample ID: SCH-GWA-41

Lab Sample ID: 680-247248-2

Date Collected: 02/26/24 14:20

Matrix: Water

Date Received: 02/27/24 12:05

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.156	U	0.326	0.327	5.00	0.528	pCi/L		03/29/24 16:10	1

Client Sample ID: SCH-GWA-54

Lab Sample ID: 680-247248-3

Date Collected: 02/26/24 15:04

Matrix: Water

Date Received: 02/27/24 12:05

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.215		0.147	0.149	1.00	0.196	pCi/L	03/06/24 07:36	03/28/24 14:56	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	93.8		30 - 110					03/06/24 07:36	03/28/24 14:56	1

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.281	U	0.303	0.304	1.00	0.492	pCi/L	03/06/24 07:53	03/27/24 12:04	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	93.8		30 - 110					03/06/24 07:53	03/27/24 12:04	1
Y Carrier	84.5		30 - 110					03/06/24 07:53	03/27/24 12:04	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.496		0.337	0.339	5.00	0.492	pCi/L		03/29/24 16:10	1

Client Sample ID: SCH-CELL3-EB-10

Lab Sample ID: 680-247248-4

Date Collected: 02/26/24 16:20

Matrix: Water

Date Received: 02/27/24 12:05

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.000	U	0.126	0.126	1.00	0.256	pCi/L	03/06/24 07:36	03/28/24 14:56	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.5		30 - 110					03/06/24 07:36	03/28/24 14:56	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247248-2

Client Sample ID: SCH-CELL3-EB-10

Lab Sample ID: 680-247248-4

Date Collected: 02/26/24 16:20

Matrix: Water

Date Received: 02/27/24 12:05

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.149	U	0.320	0.320	1.00	0.560	pCi/L	03/06/24 07:53	03/27/24 12:04	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.5		30 - 110					03/06/24 07:53	03/27/24 12:04	1
Y Carrier	80.0		30 - 110					03/06/24 07:53	03/27/24 12:04	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.149	U	0.344	0.344	5.00	0.560	pCi/L		03/29/24 16:10	1

Client Sample ID: SCH-GWA-39

Lab Sample ID: 680-247248-5

Date Collected: 02/26/24 13:15

Matrix: Water

Date Received: 02/27/24 12:05

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0686	U	0.172	0.172	1.00	0.308	pCi/L	03/06/24 07:36	03/28/24 14:56	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	97.7		30 - 110					03/06/24 07:36	03/28/24 14:56	1

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.0291	U	0.307	0.307	1.00	0.565	pCi/L	03/06/24 07:53	03/27/24 12:04	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	97.7		30 - 110					03/06/24 07:53	03/27/24 12:04	1
Y Carrier	82.6		30 - 110					03/06/24 07:53	03/27/24 12:04	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.0977	U	0.352	0.352	5.00	0.565	pCi/L		03/29/24 16:10	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247248-2

Client Sample ID: SCH-GWA-40

Lab Sample ID: 680-247248-6

Date Collected: 02/26/24 12:01

Matrix: Water

Date Received: 02/27/24 12:05

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert.	Uncert.						
			(2σ+/-)	(2σ+/-)						
Radium-226	0.0148	U	0.0544	0.0544	1.00	0.110	pCi/L	03/01/24 11:13	03/26/24 07:31	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	93.7		30 - 110					03/01/24 11:13	03/26/24 07:31	1

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert.	Uncert.						
			(2σ+/-)	(2σ+/-)						
Radium-228	0.377	U	0.350	0.352	1.00	0.555	pCi/L	03/01/24 11:19	03/22/24 11:55	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	93.7		30 - 110					03/01/24 11:19	03/22/24 11:55	1
Y Carrier	78.5		30 - 110					03/01/24 11:19	03/22/24 11:55	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert.	Uncert.						
			(2σ+/-)	(2σ+/-)						
Combined Radium 226 + 228	0.392	U	0.354	0.356	5.00	0.555	pCi/L		03/29/24 16:10	1

Client Sample ID: SCH-GWA-42

Lab Sample ID: 680-247248-7

Date Collected: 02/26/24 12:42

Matrix: Water

Date Received: 02/27/24 12:05

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert.	Uncert.						
			(2σ+/-)	(2σ+/-)						
Radium-226	0.0759	U	0.0885	0.0888	1.00	0.144	pCi/L	03/01/24 11:13	03/26/24 07:31	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	95.9		30 - 110					03/01/24 11:13	03/26/24 07:31	1

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert.	Uncert.						
			(2σ+/-)	(2σ+/-)						
Radium-228	0.0594	U	0.322	0.322	1.00	0.587	pCi/L	03/01/24 11:19	03/22/24 11:55	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	95.9		30 - 110					03/01/24 11:19	03/22/24 11:55	1
Y Carrier	77.4		30 - 110					03/01/24 11:19	03/22/24 11:55	1

Client Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247248-2

Client Sample ID: SCH-GWA-42

Lab Sample ID: 680-247248-7

Date Collected: 02/26/24 12:42

Matrix: Water

Date Received: 02/27/24 12:05

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert. (2σ+/-)	Uncert. (2σ+/-)						
Combined Radium 226 + 228	0.135	U	0.334	0.334	5.00	0.587	pCi/L		03/29/24 16:10	1

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Tracer/Carrier Summary

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247248-2

Method: 9315 - Radium-226 (GFPC)

Matrix: Water

Prep Type: Total/NA

		Percent Yield (Acceptance Limits)	
Lab Sample ID	Client Sample ID	Ba (30-110)	
680-247026-A-1-B DU	Duplicate	86.3	
680-247248-1	SCH-GWC-34	103	
680-247248-2	SCH-GWA-41	89.4	
680-247248-3	SCH-GWA-54	93.8	
680-247248-4	SCH-CELL3-EB-10	92.5	
680-247248-5	SCH-GWA-39	97.7	
680-247248-6	SCH-GWA-40	93.7	
680-247248-7	SCH-GWA-42	95.9	
680-247265-B-4-A DU	Duplicate	101	
LCS 160-650603/2-A	Lab Control Sample	90.6	
LCS 160-651154/2-A	Lab Control Sample	97.4	
MB 160-650603/1-A	Method Blank	85.5	
MB 160-651154/1-A	Method Blank	106	

Tracer/Carrier Legend
 Ba = Ba Carrier

Method: 9320 - Radium-228 (GFPC)

Matrix: Water

Prep Type: Total/NA

		Percent Yield (Acceptance Limits)	
Lab Sample ID	Client Sample ID	Ba (30-110)	Y (30-110)
680-247026-A-1-C DU	Duplicate	86.3	84.9
680-247248-1	SCH-GWC-34	103	83.4
680-247248-2	SCH-GWA-41	89.4	84.5
680-247248-3	SCH-GWA-54	93.8	84.5
680-247248-4	SCH-CELL3-EB-10	92.5	80.0
680-247248-5	SCH-GWA-39	97.7	82.6
680-247248-6	SCH-GWA-40	93.7	78.5
680-247248-7	SCH-GWA-42	95.9	77.4
680-247265-B-4-B DU	Duplicate	101	84.1
LCS 160-650604/2-A	Lab Control Sample	90.6	79.6
LCS 160-651155/2-A	Lab Control Sample	97.4	83.4
MB 160-650604/1-A	Method Blank	85.5	84.1
MB 160-651155/1-A	Method Blank	106	84.5

Tracer/Carrier Legend
 Ba = Ba Carrier
 Y = Y Carrier

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247248-2

Method: 9315 - Radium-226 (GFPC)

Lab Sample ID: MB 160-650603/1-A
Matrix: Water
Analysis Batch: 653959

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 650603

Analyte	MB		Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
	Result	MB Qualifier	Uncert. (2σ+/-)	Uncert. (2σ+/-)						
Radium-226	0.04228	U	0.0819	0.0820	1.00	0.147	pCi/L	03/01/24 11:13	03/26/24 07:29	1
Carrier	MB %Yield	MB Qualifier	Limits		Prepared	Analyzed	Dil Fac			
Ba Carrier	85.5		30 - 110		03/01/24 11:13	03/26/24 07:29	1			

Lab Sample ID: LCS 160-650603/2-A
Matrix: Water
Analysis Batch: 653959

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 650603

Analyte	Spike Added	LCS Result	LCS Qual	Total	RL	MDC	Unit	%Rec	%Rec Limits
				Uncert. (2σ+/-)					
Radium-226	11.3	9.996		1.10	1.00	0.157	pCi/L	88	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits						
Ba Carrier	90.6		30 - 110						

Lab Sample ID: 680-247265-B-4-A DU
Matrix: Water
Analysis Batch: 653989

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 650603

Analyte	Sample		DU		Total	RL	MDC	Unit	RER	Limit
	Result	Sample Qual	Result	DU Qual	Uncert. (2σ+/-)					
Radium-226	0.0444	U	0.04262	U	0.0733	1.00	0.129	pCi/L	0.01	1
Carrier	DU %Yield	DU Qualifier	Limits							
Ba Carrier	101		30 - 110							

Lab Sample ID: MB 160-651154/1-A
Matrix: Water
Analysis Batch: 654350

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 651154

Analyte	MB		Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
	Result	MB Qualifier	Uncert. (2σ+/-)	Uncert. (2σ+/-)						
Radium-226	0.02843	U	0.102	0.103	1.00	0.198	pCi/L	03/06/24 07:36	03/28/24 14:42	1
Carrier	MB %Yield	MB Qualifier	Limits		Prepared	Analyzed	Dil Fac			
Ba Carrier	106		30 - 110		03/06/24 07:36	03/28/24 14:42	1			

Lab Sample ID: LCS 160-651154/2-A
Matrix: Water
Analysis Batch: 654350

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 651154

Analyte	Spike Added	LCS Result	LCS Qual	Total	RL	MDC	Unit	%Rec	%Rec Limits
				Uncert. (2σ+/-)					
Radium-226	11.3	10.11		1.21	1.00	0.285	pCi/L	89	75 - 125

Eurofins Savannah

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247248-2

Method: 9315 - Radium-226 (GFPC) (Continued)

Lab Sample ID: LCS 160-651154/2-A
Matrix: Water
Analysis Batch: 654350

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 651154

	LCS	LCS	
Carrier	%Yield	Qualifier	Limits
Ba Carrier	97.4		30 - 110

Lab Sample ID: 680-247026-A-1-B DU
Matrix: Water
Analysis Batch: 654350

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 651154

Analyte	Sample Result	Sample Qual	DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	RER	RER
										Limit
Radium-226	0.375		0.07580	U	0.120	1.00	0.210	pCi/L	0.94	1

	DU	DU	
Carrier	%Yield	Qualifier	Limits
Ba Carrier	86.3		30 - 110

Method: 9320 - Radium-228 (GFPC)

Lab Sample ID: MB 160-650604/1-A
Matrix: Water
Analysis Batch: 653597

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 650604

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.1790	U	0.297	0.297	1.00	0.510	pCi/L	03/01/24 11:19	03/22/24 11:54	1

	MB	MB	Limits	Prepared	Analyzed	Dil Fac
Carrier	%Yield	Qualifier				
Ba Carrier	85.5		30 - 110	03/01/24 11:19	03/22/24 11:54	1
Y Carrier	84.1		30 - 110	03/01/24 11:19	03/22/24 11:54	1

Lab Sample ID: LCS 160-650604/2-A
Matrix: Water
Analysis Batch: 653597

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 650604

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec
									Limits
Radium-228	9.10	8.204		1.21	1.00	0.580	pCi/L	90	75 - 125

	LCS	LCS	
Carrier	%Yield	Qualifier	Limits
Ba Carrier	90.6		30 - 110
Y Carrier	79.6		30 - 110

Lab Sample ID: 680-247265-B-4-B DU
Matrix: Water
Analysis Batch: 653597

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 650604

Analyte	Sample Result	Sample Qual	DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	RER	RER
										Limit
Radium-228	0.281	U	-0.2489	U	0.251	1.00	0.534	pCi/L	0.97	1

Eurofins Savannah

QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247248-2

Method: 9320 - Radium-228 (GFPC) (Continued)

Lab Sample ID: 680-247265-B-4-B DU
Matrix: Water
Analysis Batch: 653597

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 650604

	DU	DU	
Carrier	%Yield	Qualifier	Limits
Ba Carrier	101		30 - 110
Y Carrier	84.1		30 - 110

Lab Sample ID: MB 160-651155/1-A
Matrix: Water
Analysis Batch: 654175

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 651155

Analyte	MB MB		Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
	Result	Qualifier	Uncert. (2σ+/-)	Uncert. (2σ+/-)						
Radium-228	0.01953	U	0.231	0.231	1.00	0.434	pCi/L	03/06/24 07:53	03/27/24 12:00	1

Carrier	MB	MB	Limits	Prepared	Analyzed	Dil Fac
Carrier	%Yield	Qualifier	Limits			
Ba Carrier	106		30 - 110	03/06/24 07:53	03/27/24 12:00	1
Y Carrier	84.5		30 - 110	03/06/24 07:53	03/27/24 12:00	1

Lab Sample ID: LCS 160-651155/2-A
Matrix: Water
Analysis Batch: 654175

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 651155

Analyte	Spike Added	LCS Result	LCS Qual	Total	RL	MDC	Unit	%Rec	%Rec Limits
				Uncert. (2σ+/-)					
Radium-228	9.09	9.625		1.29	1.00	0.490	pCi/L	106	75 - 125

Carrier	LCS	LCS	Limits
Carrier	%Yield	Qualifier	Limits
Ba Carrier	97.4		30 - 110
Y Carrier	83.4		30 - 110

Lab Sample ID: 680-247026-A-1-C DU
Matrix: Water
Analysis Batch: 654175

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 651155

Analyte	Sample Sample		DU	DU	Total	RL	MDC	Unit	RER	Limit
	Result	Qual	Result	Qual	Uncert. (2σ+/-)					
Radium-228	0.0373	U	0.02575	U	0.302	1.00	0.561	pCi/L	0.02	1

Carrier	DU	DU	Limits
Carrier	%Yield	Qualifier	Limits
Ba Carrier	86.3		30 - 110
Y Carrier	84.9		30 - 110

QC Association Summary

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247248-2

Rad

Prep Batch: 650603

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247248-6	SCH-GWA-40	Total/NA	Water	PrecSep-21	
680-247248-7	SCH-GWA-42	Total/NA	Water	PrecSep-21	
MB 160-650603/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-650603/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
680-247265-B-4-A DU	Duplicate	Total/NA	Water	PrecSep-21	

Prep Batch: 650604

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247248-6	SCH-GWA-40	Total/NA	Water	PrecSep_0	
680-247248-7	SCH-GWA-42	Total/NA	Water	PrecSep_0	
MB 160-650604/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-650604/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
680-247265-B-4-B DU	Duplicate	Total/NA	Water	PrecSep_0	

Prep Batch: 651154

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247248-1	SCH-GWC-34	Total/NA	Water	PrecSep-21	
680-247248-2	SCH-GWA-41	Total/NA	Water	PrecSep-21	
680-247248-3	SCH-GWA-54	Total/NA	Water	PrecSep-21	
680-247248-4	SCH-CELL3-EB-10	Total/NA	Water	PrecSep-21	
680-247248-5	SCH-GWA-39	Total/NA	Water	PrecSep-21	
MB 160-651154/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-651154/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
680-247026-A-1-B DU	Duplicate	Total/NA	Water	PrecSep-21	

Prep Batch: 651155

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247248-1	SCH-GWC-34	Total/NA	Water	PrecSep_0	
680-247248-2	SCH-GWA-41	Total/NA	Water	PrecSep_0	
680-247248-3	SCH-GWA-54	Total/NA	Water	PrecSep_0	
680-247248-4	SCH-CELL3-EB-10	Total/NA	Water	PrecSep_0	
680-247248-5	SCH-GWA-39	Total/NA	Water	PrecSep_0	
MB 160-651155/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-651155/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
680-247026-A-1-C DU	Duplicate	Total/NA	Water	PrecSep_0	

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247248-2

Client Sample ID: SCH-GWC-34

Lab Sample ID: 680-247248-1

Date Collected: 02/26/24 11:27

Matrix: Water

Date Received: 02/27/24 12:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1001.07 mL	1.0 g	651154	03/06/24 07:36	BMW	EET SL
Total/NA	Analysis	9315		1			654351	03/28/24 14:56	SCB	EET SL
Instrument ID: GFPCBLUE										
Total/NA	Prep	PrecSep_0			1001.07 mL	1.0 g	651155	03/06/24 07:53	BMW	EET SL
Total/NA	Analysis	9320		1			654147	03/27/24 12:03	SWS	EET SL
Instrument ID: GFPCRED										
Total/NA	Analysis	Ra226_Ra228		1			654573	03/29/24 16:10	FLC	EET SL
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWA-41

Lab Sample ID: 680-247248-2

Date Collected: 02/26/24 14:20

Matrix: Water

Date Received: 02/27/24 12:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			998.31 mL	1.0 g	651154	03/06/24 07:36	BMW	EET SL
Total/NA	Analysis	9315		1			654351	03/28/24 14:56	SCB	EET SL
Instrument ID: GFPCBLUE										
Total/NA	Prep	PrecSep_0			998.31 mL	1.0 g	651155	03/06/24 07:53	BMW	EET SL
Total/NA	Analysis	9320		1			654147	03/27/24 12:04	SWS	EET SL
Instrument ID: GFPCRED										
Total/NA	Analysis	Ra226_Ra228		1			654573	03/29/24 16:10	FLC	EET SL
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWA-54

Lab Sample ID: 680-247248-3

Date Collected: 02/26/24 15:04

Matrix: Water

Date Received: 02/27/24 12:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			998.07 mL	1.0 g	651154	03/06/24 07:36	BMW	EET SL
Total/NA	Analysis	9315		1			654351	03/28/24 14:56	SCB	EET SL
Instrument ID: GFPCBLUE										
Total/NA	Prep	PrecSep_0			998.07 mL	1.0 g	651155	03/06/24 07:53	BMW	EET SL
Total/NA	Analysis	9320		1			654147	03/27/24 12:04	SWS	EET SL
Instrument ID: GFPCRED										
Total/NA	Analysis	Ra226_Ra228		1			654573	03/29/24 16:10	FLC	EET SL
Instrument ID: NOEQUIP										

Client Sample ID: SCH-CELL3-EB-10

Lab Sample ID: 680-247248-4

Date Collected: 02/26/24 16:20

Matrix: Water

Date Received: 02/27/24 12:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			993.45 mL	1.0 g	651154	03/06/24 07:36	BMW	EET SL
Total/NA	Analysis	9315		1			654351	03/28/24 14:56	SCB	EET SL
Instrument ID: GFPCBLUE										

Lab Chronicle

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247248-2

Client Sample ID: SCH-CELL3-EB-10

Lab Sample ID: 680-247248-4

Date Collected: 02/26/24 16:20

Matrix: Water

Date Received: 02/27/24 12:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep_0			993.45 mL	1.0 g	651155	03/06/24 07:53	BMW	EET SL
Total/NA	Analysis	9320		1			654147	03/27/24 12:04	SWS	EET SL
Instrument ID: GFPCRED										
Total/NA	Analysis	Ra226_Ra228		1			654573	03/29/24 16:10	FLC	EET SL
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWA-39

Lab Sample ID: 680-247248-5

Date Collected: 02/26/24 13:15

Matrix: Water

Date Received: 02/27/24 12:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			989.86 mL	1.0 g	651154	03/06/24 07:36	BMW	EET SL
Total/NA	Analysis	9315		1			654351	03/28/24 14:56	SCB	EET SL
Instrument ID: GFPCBLUE										
Total/NA	Prep	PrecSep_0			989.86 mL	1.0 g	651155	03/06/24 07:53	BMW	EET SL
Total/NA	Analysis	9320		1			654147	03/27/24 12:04	SWS	EET SL
Instrument ID: GFPCRED										
Total/NA	Analysis	Ra226_Ra228		1			654573	03/29/24 16:10	FLC	EET SL
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWA-40

Lab Sample ID: 680-247248-6

Date Collected: 02/26/24 12:01

Matrix: Water

Date Received: 02/27/24 12:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			990.85 mL	1.0 g	650603	03/01/24 11:13	KAC	EET SL
Total/NA	Analysis	9315		1			653959	03/26/24 07:31	SCB	EET SL
Instrument ID: GFPCRED										
Total/NA	Prep	PrecSep_0			990.85 mL	1.0 g	650604	03/01/24 11:19	KAC	EET SL
Total/NA	Analysis	9320		1			653597	03/22/24 11:55	SCB	EET SL
Instrument ID: GFPCRED										
Total/NA	Analysis	Ra226_Ra228		1			654573	03/29/24 16:10	FLC	EET SL
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWA-42

Lab Sample ID: 680-247248-7

Date Collected: 02/26/24 12:42

Matrix: Water

Date Received: 02/27/24 12:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			996.10 mL	1.0 g	650603	03/01/24 11:13	KAC	EET SL
Total/NA	Analysis	9315		1			653959	03/26/24 07:31	SCB	EET SL
Instrument ID: GFPCRED										
Total/NA	Prep	PrecSep_0			996.10 mL	1.0 g	650604	03/01/24 11:19	KAC	EET SL
Total/NA	Analysis	9320		1			653597	03/22/24 11:55	SCB	EET SL
Instrument ID: GFPCRED										

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247248-2

Client Sample ID: SCH-GWA-42

Lab Sample ID: 680-247248-7

Date Collected: 02/26/24 12:42

Matrix: Water

Date Received: 02/27/24 12:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Ra226_Ra228		1			654573	03/29/24 16:10	FLC	EET SL

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

- 1
- 2
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Accreditation/Certification Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247248-2

Laboratory: Eurofins St. Louis

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

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87689	06-30-24

- 1
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- 13

Method Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-247248-2

Method	Method Description	Protocol	Laboratory
9315	Radium-226 (GFPC)	SW846	EET SL
9320	Radium-228 (GFPC)	SW846	EET SL
Ra226_Ra228	Combined Radium-226 and Radium-228	TAL-STL	EET SL
PrecSep_0	Preparation, Precipitate Separation	None	EET SL
PrecSep-21	Preparation, Precipitate Separation (21-Day In-Growth)	None	EET SL

Protocol References:

None = None

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


TAL-STL = TestAmerica Laboratories, St. Louis, Facility Standard Operating Procedure.

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566



Chain of Custody Record

Client Information		Sampler(s): Mark Mann		Lab PM / Phone: David Fuller / 770-344-8986		Carrier Tracking No(s):		COC No:							
Client Contact: Joju Abraham		Site-Project Manager / Phone: Dawn Prell / 248-536-5445		E-Mail: David.Fuller@et.euofinsus.com		State of Origin: GA		Page: Page 1 of 1							
Company: Southern Company								Job #:							
Address: 241 Ralph McGill Blvd SE B10185		Due Date Requested: 2 weeks													
City: Atlanta		TAT Requested (days): 2 weeks													
State, Zip: GA, 30308		Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No													
Phone:		Lab Project #: (DO NOT REMOVE) 68027798													
Email: JAbraham@southernco.com		Lab PO #: GPC82130-0006 / PO Line #5													
Project Name: CCR - Plant Scherer Cell 3		Project #:													
Site:															
								Analysis Requested Field Filtered Sample (Yes or No) Perform MS/MSD (Yes or No) 300_ORGFM_28D - Chloride, Fluoride, Sulfate 2640C - Solids, Total Dissolved (TDS) 6020B - Select ICPMS (19) Metals 7470A - App IV Mercury 9315_Ra226 - Radium 226 9320_Ra228 - Radium 228 Ra228Ra228_GFPC - Combined Radium 226 and 228							
								Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Y - Trizma Z - other (specify)							
								Total Number of containers: Task Code: SCH-CCR-OTH-20240226 Special Instructions/Notes:							
Sample Identification		Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)					 <p>680-247248 Chain of Custody</p>					
						Preservation Code:									
SCH-GWC-34	2/26/24	11:27	G	WG	N	N	X	X	X		X	X	X	7	Extra Rad
SCH-GWA-41	2/26/24	14:20	G	WG	N	N	X	X	X		X	X	X	5	
SCH-GWA-54	2/26/24	15:04	G	WG	N	N	X	X	X		X	X	X	5	
SCH-CELL3-EB-10	2/26/24	16:20	G	WQ	N	N	X	X	X		X	X	X	5	
SCH-GWA-39	2/26/24	13:15	G	WG	N	N	X	X	X		X	X	X	5	
SCH-GWA-40	2/26/24	12:01	G	WG	N	N	X	X	X		X	X	X	5	
SCH-GWA-42	2/26/24	12:42	G	WG	N	N	X	X	X	X	X	X	5		

Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> ammable <input type="checkbox"/> ant <input type="checkbox"/> Poison B <input type="checkbox"/> hown <input type="checkbox"/> adiological				Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input type="checkbox"/> isposal By Lab <input type="checkbox"/> rchive For _____ Months			
Deliverable Requested: I, II, III, IV, Other (specify)				Special Instructions/QC Requirements:			

Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:	
Relinquished by: MARK MANN / [Signature]		Date/Time: 02/27/24 8:25		Company: WSP		Received by:	
Relinquished by: K COOK RECEIVED:		Date/Time: 02/27/24 8:25		Company:		Received by:	
Relinquished by:		Date/Time:		Company:		Received by: C. Munns	
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: 2.9/2.8 4.5/4.5			

Chain of Custody Record

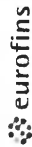


Environment Testing



Client Information (Sub Contract Lab)		Sampler	Lab PM	Carrier Tracking No(s)	COCC No							
Client Contact		Fuller, David	Fuller, David		680-764833.1							
Shipping/Receiving		E-Mail	David.Fuller@et.eurofins.com	State of Origin	Page							
Company		TestAmerica Laboratories, Inc.		Georgia	Page 1 of 1							
Address		13715 Rider Trail North,		Job #	680-247248-2							
City		Earth City		Preservation Codes:								
State, Zip		MO, 63045		A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other:								
Phone		314-298-8566(Tel) 314-298-8757(Fax)		M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - PH 4.5 Y - Trizma Z - other (specify)								
Email												
Project Name		CCR - Plant Scherer Cell 3										
Site		SSOW#										
Due Date Requested:		3/27/2024										
TAT Requested (days):		3										
PO #												
WO #												
Project #		68027798										
SSOW#												
Sample Identification - Client ID (Lab ID)		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=water, B=brine, A=air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9315 Ra226/PreSep, 21 Radium-226 (GFC) - 21 day decay	9320 Ra228/PreSep, 0 Radium-228 (GFC)	Ra226Ra228 GFC/ Combined Radium-226 and Radium-228	Total Number of Containers	Special Instructions/Note:
SCH-GWC-34 (680-247248-1)	2/26/24	11:27 Eastern	Water	X	X	X	X	X	X	4		
SCH-GWA-41 (680-247248-2)	2/26/24	14:20 Eastern	Water	X	X	X	X	X	X	2		
SCH-GWA-54 (680-247248-3)	2/26/24	15:04 Eastern	Water	X	X	X	X	X	X	2		
SCH-CELL3-EB-10 (680-247248-4)	2/26/24	16:20 Eastern	Water	X	X	X	X	X	X	2		
SCH-GWA-39 (680-247248-5)	2/26/24	13:15 Eastern	Water	X	X	X	X	X	X	2		
<p>Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, LLC</p>												
Possible Hazard Identification												
Unconfirmed												
Deliverable Requested: I, II, III, IV, Other (specify)												
Primary Deliverable Rank: 2												
Date: _____ Time: _____												
Empty Kit Relinquished by: _____												
Relinquished by: _____ Date/Time: 2-28-24 1700 Company: _____												
Relinquished by: _____ Date/Time: _____ Company: _____												
Relinquished by: _____ Date/Time: _____ Company: _____												
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No												
Custody Seal No. _____ Cooler Temperature(s) °C and Other Remarks _____												
<p>Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months Special Instructions/QC Requirements:</p>												
<p>Received by: _____ Date/Time: _____ Company: _____ Received by: <i>M. Pinette</i> Date/Time: FEB 29 2024 0830 Company: _____ Received by: _____ Date/Time: _____ Company: _____</p>												

Chain of Custody Record



Client Information (Sub Contract Lab)		Lab PM Fuller, David	Carrier Tracking No(s)	COC No: 680-764833-1
Shipping/Receiving		E-Mail David.Fuller@et.eurofins.com	State of Origin Georgia	Page Page 1 of 1
TestAmerica Laboratories, Inc.		Accreditations Required (See note) NELAP - Florida, State - Georgia		Job # 680-247248-1
Address: 13715 Rider Trail North, City Earth City State, Zip MO, 63045 Phone 314-298-8566(Tel) 314-298-8757(Fax) Email		Due Date Requested: 3/8/2024 TAT Requested (days):		Preservation Codes: M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2SO3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4.5 Y - Trizma Z - other (specify) Other:
Project Name: CCR - Plant Scherer Cell 3 Site		Project # 68027798 SSOW#		Analysis Requested
Sample Identification - Client ID (Lab ID)		Field Filtered Sample (Yes or No)		Total Number of Containers
SCH-GWA-40 (680-247248-6) SCH-GWA-42 (680-247248-7)		Perform MS/MSD (Yes or No)		
Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=organic, I=In-line, A=Air)	Special Instructions/Note:
2/26/24	12:01 Eastern	Water	Water	
2/26/24	12:42 Eastern	Water	Water	
9315_Ra226/PreSep_21 Radium-226 (GFP) - 21 day decay		X	X	
9320_Ra228/PreSep_0 Radium-228 (GFP)		X	X	
Ra226Ra228 GFP/ Combined Radium-226 and Radium-228		X	X	
<p>Possible Hazard Identification</p> <p>Unconfirmed</p> <p>Deliverable Requested: I, II, III, IV, Other (specify) _____</p> <p>Primary Deliverable Rank: 2</p> <p>Empty Kit Relinquished by: _____ Date: _____ Time: _____</p> <p>Relinquished by: <i>DK</i> Date: 2-28-24 17:00</p> <p>Relinquished by: _____ Date/Time: _____</p> <p>Relinquished by: _____ Date/Time: _____</p> <p>Custody Seals Intact: _____ Custody Seal No.: _____</p> <p>Δ Yes Δ No</p>				
<p>Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)</p> <p>Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months</p> <p>Special Instructions/QC Requirements:</p> <p>Received by: _____ Date/Time: _____</p> <p>Received by: <i>M. Piretto</i> Date/Time: FEB 29 2024 08:20</p> <p>Received by: _____ Date/Time: _____</p> <p>Method of Shipment: _____</p> <p>Cooler Temperature(s) °C and Other Remarks:</p>				

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/test/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, LLC.



Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-247248-2

Login Number: 247248

List Source: Eurofins Savannah

List Number: 1

Creator: Johnson, Corey M

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



Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-247248-2

Login Number: 247248

List Number: 2

Creator: Pinette, Meadow L

List Source: Eurofins St. Louis

List Creation: 02/29/24 01:15 PM

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





ANALYTICAL REPORT

PREPARED FOR

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

Generated 3/11/2024 8:59:28 AM

JOB DESCRIPTION

Plant Scherer Surface Water

JOB NUMBER

680-247250-1

Eurofins Savannah

Job Notes

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

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

Authorization



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

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3/11/2024 8:59:28 AM

Definitions/Glossary

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

Job ID: 680-247250-1

Qualifiers

Metals

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

General Chemistry

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

Glossary

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

Sample Summary

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

Job ID: 680-247250-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-247250-1	SCH-SWA-2	Water	02/26/24 15:35	02/27/24 12:05

1

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12

Case Narrative

Client: Southern Company
Project: Plant Scherer Surface Water

Job ID: 680-247250-1

Job ID: 680-247250-1

Eurofins Savannah

Job Narrative 680-247250-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

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

Receipt

The sample was received on 2/27/2024 12:05 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 2.8°C and 4.5°C.

HPLC/IC

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

Metals

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

General Chemistry

Method 2540C: A lesser volume of sample was used for the following samples due to the nature of the sample matrix resulting in elevated reporting limits: SCH-SWA-2 (680-247250-1).

Method 4500_CN_E: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 680-825612 and analytical batch 680-825728 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

Eurofins Savannah

Client Sample Results

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

Job ID: 680-247250-1

Client Sample ID: SCH-SWA-2

Lab Sample ID: 680-247250-1

Date Collected: 02/26/24 15:35

Matrix: Water

Date Received: 02/27/24 12:05

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14		5.0	1.0	mg/L			03/05/24 16:09	5
Fluoride	<1.0		2.0	1.0	mg/L			03/05/24 16:09	5
Sulfate	230		5.0	2.5	mg/L			03/05/24 16:09	5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/29/24 05:51	02/29/24 15:05	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/29/24 05:51	02/29/24 15:05	1
Barium	0.069		0.010	0.00089	mg/L		02/29/24 05:51	02/29/24 15:05	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/29/24 05:51	02/29/24 15:05	1
Boron	1.2		0.080	0.022	mg/L		02/29/24 05:51	02/29/24 15:05	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/29/24 05:51	02/29/24 15:05	1
Calcium	37		0.50	0.14	mg/L		02/29/24 05:51	02/29/24 15:05	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/29/24 05:51	02/29/24 15:05	1
Cobalt	0.0054		0.0025	0.00022	mg/L		02/29/24 05:51	02/29/24 15:05	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/29/24 05:51	02/29/24 15:05	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/29/24 05:51	02/29/24 15:05	1
Magnesium	21		0.50	0.023	mg/L		02/29/24 05:51	02/29/24 15:05	1
Nickel	0.0010		0.0010	0.00042	mg/L		02/29/24 05:51	02/29/24 15:05	1
Potassium	1.2		0.50	0.044	mg/L		02/29/24 05:51	02/29/24 15:05	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/29/24 05:51	02/29/24 15:05	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/29/24 05:51	02/29/24 15:05	1
Sodium	48		0.50	0.20	mg/L		02/29/24 05:51	02/29/24 15:05	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/29/24 05:51	02/29/24 15:05	1
Vanadium	0.00077	J	0.0020	0.00063	mg/L		02/29/24 05:51	02/29/24 15:05	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/29/24 05:51	02/29/24 15:05	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/01/24 10:08	03/03/24 10:42	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	50		5.0	2.2	mg/L			02/29/24 23:27	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	50		5.0	5.0	mg/L			02/29/24 23:27	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/29/24 23:27	1
Total Dissolved Solids (SM 2540C-2011)	380		40	40	mg/L			02/29/24 16:15	1
Chemical Oxygen Demand (MCAWW 410.4-1993 R2.0)	<5.0		10	5.0	mg/L			03/05/24 08:37	1
Cyanide, Total (SM 4500 CN E-2011)	0.0077	J	0.020	0.0060	mg/L		03/04/24 08:13	03/04/24 11:32	1
Total Organic Carbon (TOC) (SM 5310 B-2011)	1.1		1.0	0.50	mg/L			03/08/24 11:54	1

Eurofins Savannah

QC Sample Results

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

Job ID: 680-247250-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 670-79096/6
Matrix: Water
Analysis Batch: 79096

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.20		1.0	0.20	mg/L			03/05/24 10:33	1
Fluoride	<0.20		0.40	0.20	mg/L			03/05/24 10:33	1
Sulfate	<0.50		1.0	0.50	mg/L			03/05/24 10:33	1

Lab Sample ID: LCS 670-79096/4
Matrix: Water
Analysis Batch: 79096

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	4.00	3.99		mg/L		100	90 - 110
Fluoride	4.00	4.07		mg/L		102	90 - 110
Sulfate	4.00	3.99		mg/L		100	90 - 110

Lab Sample ID: LCSD 670-79096/5
Matrix: Water
Analysis Batch: 79096

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	4.00	3.99		mg/L		100	90 - 110	0	20
Fluoride	4.00	4.08		mg/L		102	90 - 110	0	20
Sulfate	4.00	3.98		mg/L		100	90 - 110	0	20

Lab Sample ID: 680-247150-C-15 MS
Matrix: Water
Analysis Batch: 79096

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.22	J	5.00	5.34		mg/L		102	80 - 120
Fluoride	<0.20		5.00	5.45		mg/L		109	80 - 120
Sulfate	<0.50		5.00	5.46		mg/L		109	80 - 120

Lab Sample ID: 680-247150-C-15 MSD
Matrix: Water
Analysis Batch: 79096

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	0.22	J	5.00	5.35		mg/L		103	80 - 120	0	20
Fluoride	<0.20		5.00	5.44		mg/L		109	80 - 120	0	20
Sulfate	<0.50		5.00	5.47		mg/L		109	80 - 120	0	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 680-825071/1-A
Matrix: Water
Analysis Batch: 825445

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 825071

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/29/24 05:51	03/01/24 09:39	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/29/24 05:51	03/01/24 09:39	1
Barium	<0.00089		0.010	0.00089	mg/L		02/29/24 05:51	03/01/24 09:39	1

Eurofins Savannah

QC Sample Results

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

Job ID: 680-247250-1

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

Lab Sample ID: MB 680-825071/1-A
Matrix: Water
Analysis Batch: 825445

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 825071

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/29/24 05:51	03/01/24 09:39	1
Boron	<0.022		0.080	0.022	mg/L		02/29/24 05:51	03/01/24 09:39	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/29/24 05:51	03/01/24 09:39	1
Calcium	<0.14		0.50	0.14	mg/L		02/29/24 05:51	03/01/24 09:39	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/29/24 05:51	03/01/24 09:39	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/29/24 05:51	03/01/24 09:39	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/29/24 05:51	03/01/24 09:39	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/29/24 05:51	03/01/24 09:39	1
Magnesium	<0.023		0.50	0.023	mg/L		02/29/24 05:51	03/01/24 09:39	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/29/24 05:51	03/01/24 09:39	1
Potassium	<0.044		0.50	0.044	mg/L		02/29/24 05:51	03/01/24 09:39	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/29/24 05:51	03/01/24 09:39	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/29/24 05:51	03/01/24 09:39	1
Sodium	<0.20		0.50	0.20	mg/L		02/29/24 05:51	03/01/24 09:39	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/29/24 05:51	03/01/24 09:39	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/29/24 05:51	03/01/24 09:39	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/29/24 05:51	03/01/24 09:39	1

Lab Sample ID: LCS 680-825071/2-A
Matrix: Water
Analysis Batch: 825445

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 825071

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0550		mg/L		110	80 - 120
Arsenic	0.100	0.109		mg/L		109	80 - 120
Barium	0.100	0.110		mg/L		110	80 - 120
Beryllium	0.0500	0.0527		mg/L		105	80 - 120
Boron	0.400	0.405		mg/L		101	80 - 120
Cadmium	0.0500	0.0548		mg/L		110	80 - 120
Calcium	5.00	5.27		mg/L		105	80 - 120
Chromium	0.100	0.104		mg/L		104	80 - 120
Cobalt	0.0500	0.0530		mg/L		106	80 - 120
Copper	0.101	0.113		mg/L		111	80 - 120
Lead	0.500	0.494		mg/L		99	80 - 120
Magnesium	5.00	5.31		mg/L		106	80 - 120
Nickel	0.100	0.101		mg/L		101	80 - 120
Potassium	7.00	7.50		mg/L		107	80 - 120
Selenium	0.100	0.105		mg/L		105	80 - 120
Silver	0.0500	0.0535		mg/L		107	80 - 120
Sodium	5.03	5.14		mg/L		102	80 - 120
Thallium	0.0500	0.0530		mg/L		106	80 - 120
Vanadium	0.100	0.105		mg/L		105	80 - 120
Zinc	0.0505	0.0553		mg/L		109	80 - 120

QC Sample Results

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

Job ID: 680-247250-1

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

Lab Sample ID: 680-247253-D-4-B MS
Matrix: Water
Analysis Batch: 825445

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 825071

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.00034		0.0500	0.0532		mg/L		106	75 - 125
Arsenic	0.0018		0.100	0.0960		mg/L		94	75 - 125
Barium	0.010		0.100	0.119		mg/L		108	75 - 125
Beryllium	<0.00020		0.0500	0.0470		mg/L		94	75 - 125
Boron	6.3		0.400	6.85	4	mg/L		130	75 - 125
Cadmium	0.00032	J	0.0500	0.0544		mg/L		108	75 - 125
Calcium	41		5.00	44.8	4	mg/L		85	75 - 125
Chromium	0.010		0.100	0.119		mg/L		108	75 - 125
Cobalt	0.069		0.0500	0.125		mg/L		111	75 - 125
Copper	0.018		0.101	0.125		mg/L		105	75 - 125
Lead	<0.00021		0.500	0.485		mg/L		97	75 - 125
Magnesium	18		5.00	22.4		mg/L		96	75 - 125
Nickel	0.0099		0.100	0.115		mg/L		105	75 - 125
Potassium	2.8		7.00	10.0		mg/L		103	75 - 125
Selenium	0.0053		0.100	0.0999		mg/L		95	75 - 125
Silver	<0.00039		0.0500	0.0534		mg/L		107	75 - 125
Sodium	320		5.03	319	4	mg/L		52	75 - 125
Thallium	<0.00026		0.0500	0.0549		mg/L		110	75 - 125
Vanadium	<0.00063		0.100	0.108		mg/L		108	75 - 125
Zinc	0.12		0.0505	0.172		mg/L		97	75 - 125

Lab Sample ID: 680-247253-D-4-C MSD
Matrix: Water
Analysis Batch: 825445

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 825071

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.00034		0.0500	0.0537		mg/L		107	75 - 125	1	20
Arsenic	0.0018		0.100	0.0976		mg/L		96	75 - 125	2	20
Barium	0.010		0.100	0.119		mg/L		109	75 - 125	0	20
Beryllium	<0.00020		0.0500	0.0484		mg/L		97	75 - 125	3	20
Boron	6.3		0.400	6.65	4	mg/L		81	75 - 125	3	20
Cadmium	0.00032	J	0.0500	0.0558		mg/L		111	75 - 125	3	20
Calcium	41		5.00	44.3	4	mg/L		74	75 - 125	1	20
Chromium	0.010		0.100	0.118		mg/L		108	75 - 125	0	20
Cobalt	0.069		0.0500	0.122		mg/L		105	75 - 125	2	20
Copper	0.018		0.101	0.131		mg/L		111	75 - 125	4	20
Lead	<0.00021		0.500	0.503		mg/L		101	75 - 125	4	20
Magnesium	18		5.00	21.7		mg/L		83	75 - 125	3	20
Nickel	0.0099		0.100	0.116		mg/L		106	75 - 125	0	20
Potassium	2.8		7.00	10.0		mg/L		103	75 - 125	0	20
Selenium	0.0053		0.100	0.0994		mg/L		94	75 - 125	1	20
Silver	<0.00039		0.0500	0.0544		mg/L		109	75 - 125	2	20
Sodium	320		5.03	306	4	mg/L		-198	75 - 125	4	20
Thallium	<0.00026		0.0500	0.0548		mg/L		110	75 - 125	0	20
Vanadium	<0.00063		0.100	0.109		mg/L		109	75 - 125	1	20
Zinc	0.12		0.0505	0.174		mg/L		101	75 - 125	1	20

Eurofins Savannah

QC Sample Results

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

Job ID: 680-247250-1

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 680-825377/1-A
Matrix: Water
Analysis Batch: 825614

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 825377

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/01/24 10:08	03/03/24 09:59	1

Lab Sample ID: LCS 680-825377/2-A
Matrix: Water
Analysis Batch: 825614

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 825377

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00250	0.00244		mg/L		98	80 - 120

Lab Sample ID: 680-247117-C-2-D MS
Matrix: Water
Analysis Batch: 825614

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 825377

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.000080		0.00100	0.00108		mg/L		108	80 - 120

Lab Sample ID: 680-247117-C-2-E MSD
Matrix: Water
Analysis Batch: 825614

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 825377

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Mercury	<0.000080		0.00100	0.000988		mg/L		99	80 - 120	9	20

Method: 2320B-2011 - Alkalinity, Total

Lab Sample ID: MB 680-825383/4
Matrix: Water
Analysis Batch: 825383

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<2.2		5.0	2.2	mg/L			02/29/24 22:17	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/29/24 22:17	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/29/24 22:17	1

Lab Sample ID: LCS 680-825383/6
Matrix: Water
Analysis Batch: 825383

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3 to pH 4.5	250	249		mg/L		100	90 - 112

Lab Sample ID: LCSD 680-825383/31
Matrix: Water
Analysis Batch: 825383

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Total Alkalinity as CaCO3 to pH 4.5	250	251		mg/L		100	90 - 112	1	30

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QC Sample Results

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

Job ID: 680-247250-1

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

Lab Sample ID: 680-247203-G-3 DU
 Matrix: Water
 Analysis Batch: 825383

Client Sample ID: Duplicate
 Prep Type: Total/NA

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Total Alkalinity as CaCO3 to pH 4.5	74		74.2		mg/L		0.2	30
Bicarbonate Alkalinity as CaCO3	74		74.2		mg/L		0.2	30
Carbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	30

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

Lab Sample ID: MB 680-825280/1
 Matrix: Water
 Analysis Batch: 825280

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Total Dissolved Solids	<10		10	10	mg/L			02/29/24 16:15	1

Lab Sample ID: LCS 680-825280/2
 Matrix: Water
 Analysis Batch: 825280

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits

Lab Sample ID: LCSD 680-825280/3
 Matrix: Water
 Analysis Batch: 825280

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit

Lab Sample ID: 680-247270-B-2 DU
 Matrix: Water
 Analysis Batch: 825280

Client Sample ID: Duplicate
 Prep Type: Total/NA

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Total Dissolved Solids	630		608		mg/L		3	5

Method: 410.4-1993 R2.0 - COD

Lab Sample ID: MB 680-825804/3
 Matrix: Water
 Analysis Batch: 825804

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Chemical Oxygen Demand	<5.0		10	5.0	mg/L			03/05/24 08:37	1

Lab Sample ID: LCS 680-825804/4
 Matrix: Water
 Analysis Batch: 825804

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits

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QC Sample Results

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

Job ID: 680-247250-1

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

Lab Sample ID: 680-247339-B-1 MS
Matrix: Water
Analysis Batch: 825804

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chemical Oxygen Demand	<5.0		50.0	44.9		mg/L		90	90 - 110

Lab Sample ID: 680-247339-B-1 MSD
Matrix: Water
Analysis Batch: 825804

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chemical Oxygen Demand	<5.0		50.0	46.0		mg/L		92	90 - 110	2	30

Method: 4500 CN E-2011 - Cyanide, Total: Colorimetric Method

Lab Sample ID: MB 680-825612/12-A
Matrix: Water
Analysis Batch: 825728

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 825612

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.0060		0.020	0.0060	mg/L		03/04/24 08:13	03/04/24 14:43	1

Lab Sample ID: LCS 680-825612/13-A
Matrix: Water
Analysis Batch: 825728

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 825612

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.0500	0.0496		mg/L		99	90 - 110

Lab Sample ID: 500-246769-D-1-B MS
Matrix: Water
Analysis Batch: 825728

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 825612

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.0077	J F1	0.0500	0.0495	F1	mg/L		84	90 - 110

Lab Sample ID: 500-246769-D-1-C MSD
Matrix: Water
Analysis Batch: 825728

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 825612

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	0.0077	J F1	0.0500	0.0465	F1	mg/L		77	90 - 110	6	20

Method: 5310 B-2011 - Organic Carbon, Total (TOC)

Lab Sample ID: MB 680-826723/3
Matrix: Water
Analysis Batch: 826723

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (TOC)	<0.50		1.0	0.50	mg/L			03/08/24 10:24	1

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QC Sample Results

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

Job ID: 680-247250-1

Method: 5310 B-2011 - Organic Carbon, Total (TOC) (Continued)

Lab Sample ID: LCS 680-826723/4
Matrix: Water
Analysis Batch: 826723

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Organic Carbon (TOC)	20.0	21.4		mg/L		107	80 - 120

Lab Sample ID: LCSD 680-826723/5
Matrix: Water
Analysis Batch: 826723

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Organic Carbon (TOC)	20.0	21.5		mg/L		108	80 - 120	0	25

Lab Sample ID: 680-247250-1 DU
Matrix: Water
Analysis Batch: 826723

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

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Organic Carbon (TOC)	1.1		1.11		mg/L		0	25

QC Association Summary

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

Job ID: 680-247250-1

HPLC/IC

Analysis Batch: 79096

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247250-1	SCH-SWA-2	Total/NA	Water	300.0	
MB 670-79096/6	Method Blank	Total/NA	Water	300.0	
LCS 670-79096/4	Lab Control Sample	Total/NA	Water	300.0	
LCSD 670-79096/5	Lab Control Sample Dup	Total/NA	Water	300.0	
680-247150-C-15 MS	Matrix Spike	Total/NA	Water	300.0	
680-247150-C-15 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Metals

Prep Batch: 825071

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247250-1	SCH-SWA-2	Total Recoverable	Water	3005A	
MB 680-825071/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-825071/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
680-247253-D-4-B MS	Matrix Spike	Total Recoverable	Water	3005A	
680-247253-D-4-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Prep Batch: 825377

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247250-1	SCH-SWA-2	Total/NA	Water	7470A	
MB 680-825377/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-825377/2-A	Lab Control Sample	Total/NA	Water	7470A	
680-247117-C-2-D MS	Matrix Spike	Total/NA	Water	7470A	
680-247117-C-2-E MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 825445

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247250-1	SCH-SWA-2	Total Recoverable	Water	6020B	825071
MB 680-825071/1-A	Method Blank	Total Recoverable	Water	6020B	825071
LCS 680-825071/2-A	Lab Control Sample	Total Recoverable	Water	6020B	825071
680-247253-D-4-B MS	Matrix Spike	Total Recoverable	Water	6020B	825071
680-247253-D-4-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	825071

Analysis Batch: 825614

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247250-1	SCH-SWA-2	Total/NA	Water	7470A	825377
MB 680-825377/1-A	Method Blank	Total/NA	Water	7470A	825377
LCS 680-825377/2-A	Lab Control Sample	Total/NA	Water	7470A	825377
680-247117-C-2-D MS	Matrix Spike	Total/NA	Water	7470A	825377
680-247117-C-2-E MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	825377

General Chemistry

Analysis Batch: 825280

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247250-1	SCH-SWA-2	Total/NA	Water	2540C-2011	
MB 680-825280/1	Method Blank	Total/NA	Water	2540C-2011	
LCS 680-825280/2	Lab Control Sample	Total/NA	Water	2540C-2011	
LCSD 680-825280/3	Lab Control Sample Dup	Total/NA	Water	2540C-2011	
680-247270-B-2 DU	Duplicate	Total/NA	Water	2540C-2011	

Eurofins Savannah

QC Association Summary

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

Job ID: 680-247250-1

General Chemistry

Analysis Batch: 825383

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247250-1	SCH-SWA-2	Total/NA	Water	2320B-2011	
MB 680-825383/4	Method Blank	Total/NA	Water	2320B-2011	
LCS 680-825383/6	Lab Control Sample	Total/NA	Water	2320B-2011	
LCSD 680-825383/31	Lab Control Sample Dup	Total/NA	Water	2320B-2011	
680-247203-G-3 DU	Duplicate	Total/NA	Water	2320B-2011	

Prep Batch: 825612

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247250-1	SCH-SWA-2	Total/NA	Water	Distill/CN	
MB 680-825612/12-A	Method Blank	Total/NA	Water	Distill/CN	
LCS 680-825612/13-A	Lab Control Sample	Total/NA	Water	Distill/CN	
500-246769-D-1-B MS	Matrix Spike	Total/NA	Water	Distill/CN	
500-246769-D-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	Distill/CN	

Analysis Batch: 825728

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247250-1	SCH-SWA-2	Total/NA	Water	4500 CN E-2011	825612
MB 680-825612/12-A	Method Blank	Total/NA	Water	4500 CN E-2011	825612
LCS 680-825612/13-A	Lab Control Sample	Total/NA	Water	4500 CN E-2011	825612
500-246769-D-1-B MS	Matrix Spike	Total/NA	Water	4500 CN E-2011	825612
500-246769-D-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	4500 CN E-2011	825612

Analysis Batch: 825804

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247250-1	SCH-SWA-2	Total/NA	Water	410.4-1993 R2.0	
MB 680-825804/3	Method Blank	Total/NA	Water	410.4-1993 R2.0	
LCS 680-825804/4	Lab Control Sample	Total/NA	Water	410.4-1993 R2.0	
680-247339-B-1 MS	Matrix Spike	Total/NA	Water	410.4-1993 R2.0	
680-247339-B-1 MSD	Matrix Spike Duplicate	Total/NA	Water	410.4-1993 R2.0	

Analysis Batch: 826723

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247250-1	SCH-SWA-2	Total/NA	Water	5310 B-2011	
MB 680-826723/3	Method Blank	Total/NA	Water	5310 B-2011	
LCS 680-826723/4	Lab Control Sample	Total/NA	Water	5310 B-2011	
LCSD 680-826723/5	Lab Control Sample Dup	Total/NA	Water	5310 B-2011	
680-247250-1 DU	SCH-SWA-2	Total/NA	Water	5310 B-2011	

Lab Chronicle

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

Job ID: 680-247250-1

Client Sample ID: SCH-SWA-2

Lab Sample ID: 680-247250-1

Date Collected: 02/26/24 15:35

Matrix: Water

Date Received: 02/27/24 12:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		5			79096	03/05/24 16:09	BR	EET ORL
Instrument ID: IC_004										
Total Recoverable	Prep	3005A			25 mL	125 mL	825071	02/29/24 05:51	RR	EET SAV
Total Recoverable	Analysis	6020B		1			825445	02/29/24 15:05	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	825377	03/01/24 10:08	DW	EET SAV
Total/NA	Analysis	7470A		1			825614	03/03/24 10:42	BCB	EET SAV
Instrument ID: QuickTrace2										
Total/NA	Analysis	2320B-2011		1			825383	02/29/24 23:27	PG	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	825280	02/29/24 16:15	PG	EET SAV
Instrument ID: NOEQUIP										
Total/NA	Analysis	410.4-1993 R2.0		1	2 mL	2 mL	825804	03/05/24 08:37	NVF	EET SAV
Instrument ID: SPC7										
Total/NA	Prep	Distill/CN			6 mL	6 mL	825612	03/04/24 08:13	JAS	EET SAV
Total/NA	Analysis	4500 CN E-2011		1			825728	03/04/24 11:32	JAS	EET SAV
Instrument ID: SEAL 3										
Total/NA	Analysis	5310 B-2011		1	40 mL	40 mL	826723	03/08/24 11:54	NVF	EET SAV
Instrument ID: TOC7										

Laboratory References:

EET ORL = Eurofins Orlando, 481 Newburyport Avenue, Altamonte Springs, FL 32701, TEL (407)339-5984

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

Accreditation/Certification Summary

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

Job ID: 680-247250-1

Laboratory: Eurofins Savannah

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

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87052	06-30-24
Georgia	State	E87052	06-30-24

Laboratory: Eurofins Orlando

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

Authority	Program	Identification Number	Expiration Date
Alabama	State	42800	06-30-24
Arkansas (DW)	State	FL00091	06-30-24
Florida	NELAP	E83018	06-30-24
Georgia (DW)	State	C055	06-30-24
Louisiana (All)	NELAP	239316	06-30-24
Louisiana (DW)	State	LA039	05-24-24
Mississippi	State	MS00007	06-30-24
New Mexico	State	FL00091	06-30-24
North Carolina (DW)	State	12712	07-31-24
Tennessee	State	TN04930	06-30-24
Texas	NELAP	T104704571	02-28-25
Washington	State	C1089	10-19-24

Method Summary

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

Job ID: 680-247250-1

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	EPA	EET ORL
6020B	Metals (ICP/MS)	SW846	EET SAV
7470A	Mercury (CVAA)	SW846	EET SAV
2320B-2011	Alkalinity, Total	SM	EET SAV
2540C-2011	Total Dissolved Solids (Dried at 180 °C)	SM	EET SAV
410.4-1993 R2.0	COD	MCAWW	EET SAV
4500 CN E-2011	Cyanide, Total: Colorimetric Method	SM	EET SAV
5310 B-2011	Organic Carbon, Total (TOC)	SM	EET SAV
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET SAV
7470A	Preparation, Mercury	SW846	EET SAV
Distill/CN	Distillation, Cyanide	None	EET SAV

Protocol References:

EPA = US Environmental Protection Agency

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

None = None

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

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

Laboratory References:

EET ORL = Eurofins Orlando, 481 Newburyport Avenue, Altamonte Springs, FL 32701, TEL (407)339-5984

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

Eurofins Savannah

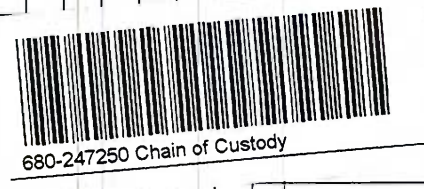
5102 LaRoche Avenue
Savannah, GA 31404
Phone (912) 354-7858 Phone (912) 352-0165

Chain of Custody Record



Environment Testing

Client Information		Sampler(s): Mark Mann		Lab PM / Phone: David Fuller / 770-344-8986		Carrier Tracking No(s):		COC No:																																																										
Client Contact: Joju Abraham		Site-Project Manager / Phone: Dawn Prell / 248-536-5445		E-Mail: David.Fuller@et.eurofinsus.com		State of Origin: GA		Page: Page 1 of 1																																																										
Company: Southern Company				Analysis Requested						Job #:																																																								
Address: 241 Ralph McGill Blvd SE B10185		Due Date Requested:		<table border="1"> <tr><td>Field Filtered Sample (Yes or No)</td><td>Perform MS/MSD (Yes or No)</td><td>300_ORGFM_28D - Chloride, Fluoride, Sulfate</td><td>2540C - Solids, Total Dissolved (TDS)</td><td>6020B - App III, State (15) Metals + Cations (Mg, K, Na)</td><td>7470A - Mercury</td><td>2320B - Alkalinity, Total, Carb/Bicarb</td><td>410.4 - Chemical Oxygen Demand</td><td>4500_CN_E - Cyanide, Total</td><td>5310C - TOC</td><td>Total Number of containers</td></tr> <tr><td>City: Atlanta</td><td>TAT Requested (days): 2 weeks</td><td>Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>State, Zip: GA, 30308</td><td>Lab Project #: (DO NOT REMOVE) 68027798</td><td>Lab PO #: GPC82130-0006 / PO Line #3 & #4</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>Phone:</td><td>Project #:</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>Email: JAbraham@southernco.com</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table>						Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C - Solids, Total Dissolved (TDS)	6020B - App III, State (15) Metals + Cations (Mg, K, Na)	7470A - Mercury	2320B - Alkalinity, Total, Carb/Bicarb	410.4 - Chemical Oxygen Demand	4500_CN_E - Cyanide, Total	5310C - TOC	Total Number of containers	City: Atlanta	TAT Requested (days): 2 weeks	Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No									State, Zip: GA, 30308	Lab Project #: (DO NOT REMOVE) 68027798	Lab PO #: GPC82130-0006 / PO Line #3 & #4									Phone:	Project #:										Email: JAbraham@southernco.com											Preservation Codes: A - HCL M - Hexane B - NaOH N - None C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2S2O3 G - Amchlor S - H2SO4 H - Ascorbic Acid T - TSP Dodecahydrate I - Ice U - Acetone J - DI Water V - MCAA K - EDTA W - pH 4-5 L - EDA Y - Trizma Z - other (specify)	
Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C - Solids, Total Dissolved (TDS)							6020B - App III, State (15) Metals + Cations (Mg, K, Na)	7470A - Mercury	2320B - Alkalinity, Total, Carb/Bicarb	410.4 - Chemical Oxygen Demand	4500_CN_E - Cyanide, Total	5310C - TOC	Total Number of containers																																																		
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Phone:	Project #:																																																																	
Email: JAbraham@southernco.com																																																																		
Project Name: Plant Scherer Surface Water										Task Code: SCH-CSURF-ASSMT-2024S1																																																								
Site:										Special Instructions/Notes:																																																								
Sample Identification				Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Preservation Code:																																																										
SCH-SWA-2				2/26/24	15:35	G	WS	N	N	X	X	X	X	X	X	X	8																																																	
Possible Hazard Identification				Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)																																																														
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> ammable <input type="checkbox"/> tant <input type="checkbox"/> Poision B <input type="checkbox"/> hown <input type="checkbox"/> adiological				<input type="checkbox"/> return To Client <input type="checkbox"/> isposal By Lab <input type="checkbox"/> rchive For _____ Months																																																														
Deliverable Requested: I, II, III, IV, Other (specify)				Special Instructions/QC Requirements:																																																														
Empty Kit Relinquished by:				Date:	Time:	Method of Shipment:																																																												
Relinquished by: MARK MANN / <i>[Signature]</i>				Date/Time: 02/27/24 8:25	Company: WSP	Received by:			Date/Time:	Company:																																																								
Relinquished by: <i>[Signature]</i>				Date/Time: 02/27/24 8:25	Company:	Received by:			Date/Time:	Company:																																																								
Relinquished by:				Date/Time:	Company:	Received by: <i>[Signature]</i>			Date/Time: 2/27/24 12:05	Company: EUROFINS																																																								
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: 2.8/2.8 4.5/4.5																																																														



5102 LaRoche Avenue
 Savannah, GA 31404
 Phone: 912-354-7858 Fax: 912-352-0165

Chain of Custody Record



eurofins | Environment Testing

Client Information (Sub Contract Lab)		Sampler:		Lab PM Fuller, David		Carrier Tracking No(s):		COC No. 680-765080.1			
Client Contact: Shipping/Receiving		Phone:		E-Mail: David.Fuller@et.eurofinsus.com		State of Origin: Georgia		Page Page 1 of 1			
Company: Eurofins Environment Testing Southeast,		Accreditations Required (See note): NELAP - Florida; State - Georgia		Job # 680-247250-1							
Address: 481 Newburyport Avenue, City: Altamonte Springs State, Zip: FL, 32701 Phone: 407-339-5984(Tel) 407-260-6110(Fax) Email:		Due Date Requested: 3/8/2024 TAT Requested (days):		Analysis Requested				Preservation Codes: A - HCL M - Hexane B - NaOH N - None C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2S2O8 G - Amchlor S - H2SO4 H - Ascorbic Acid T - TSP Dodecahydrate I - Ice U - Acetone J - DI Water V - MCAA K - EDTA W - pH 4-5 L - EDA Y - Trizma Z - other (specify)			
Project Name: CCR - Plant Scherer Surface Water		Project #: 68027798		Field Filtered Sample (Yes or No) Perform MS/MSD (Yes or No) 300_ORGFM_280 Cl, FI, SO4, Br				Total Number of Containers			
Site:		SSOW#:									
Sample Identification - Client ID (Lab ID)		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No) Perform MS/MSD (Yes or No) 300_ORGFM_280 Cl, FI, SO4, Br	Total Number of Containers	Special Instructions/Note:			
SCH-SWA-2 (680-247250-1)		2/26/24	15:35 Eastern		Water	X	1				
Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, LLC.											
Possible Hazard Identification					Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)						
Unconfirmed					<input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months						
Deliverable Requested: I, II, III, IV, Other (specify)		Primary Deliverable Rank: 2			Special Instructions/QC Requirements:						
Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:					
Relinquished by: <i>C. M...</i>		Date/Time: <i>3/1/24 1600</i>		Company:		Received by:		Date/Time:			
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:			
Relinquished by:		Date/Time:		Company:		Received by: <i>[Signature]</i>		Date/Time: <i>3/2/24 930</i>			
Custody Seals Intact: Δ Yes Δ No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: <i>1.8/1.7</i> <i>5AL</i>							

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Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-247250-1

Login Number: 247250

List Source: Eurofins Savannah

List Number: 1

Creator: Johnson, Corey M

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



Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-247250-1

Login Number: 247250

List Number: 2

Creator: Wehr, Alexander C

List Source: Eurofins Orlando

List Creation: 03/02/24 10:36 AM

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





ANALYTICAL REPORT

PREPARED FOR

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

Generated 3/12/2024 5:36:53 PM

JOB DESCRIPTION

Plant Scherer Surface Water

JOB NUMBER

680-247418-1

Eurofins Savannah

Job Notes

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

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

Authorization



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

Generated
3/12/2024 5:36:53 PM

Definitions/Glossary

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

Job ID: 680-247418-1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.

Metals

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

General Chemistry

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F3	Duplicate RPD exceeds the control limit
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Sample Summary

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

Job ID: 680-247418-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-247418-1	SCH-SWA-1	Water	02/29/24 09:06	03/02/24 09:41
680-247418-2	SCH-SWA-3	Water	02/29/24 12:10	03/02/24 09:41
680-247418-3	SCH-SWC-4	Water	02/29/24 13:04	03/02/24 09:41
680-247418-4	SCH-SWC-6	Water	02/29/24 10:55	03/02/24 09:41
680-247418-5	SCH-SWC-7	Water	02/29/24 11:14	03/02/24 09:41
680-247418-6	SCH-SWC-8	Water	02/29/24 12:38	03/02/24 09:41

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Case Narrative

Client: Southern Company
Project: Plant Scherer Surface Water

Job ID: 680-247418-1

Job ID: 680-247418-1

Eurofins Savannah

Job Narrative 680-247418-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

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

Receipt

The samples were received on 3/2/2024 9:41 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.4°C.

HPLC/IC

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

Metals

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

General Chemistry

Method 2540C: A lesser volume of sample was used for the following samples due to the nature of the sample matrix resulting in elevated reporting limits: SCH-SWA-3 (680-247418-2), SCH-SWC-4 (680-247418-3), SCH-SWC-7 (680-247418-5) and SCH-SWC-8 (680-247418-6).

Method 2540C: The sample duplicate precision for the following sample associated with analytical batch 680-826067 was outside control limits: (680-247418-A-3 DU). The associated Laboratory Control Sample / Laboratory Control Sample Duplicate (LCS/LCSD) precision met acceptance criteria.

Method 410.4: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 680-827086 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 4500_CN_E: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 680-825817 and analytical batch 680-825910 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

Eurofins Savannah

Client Sample Results

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

Job ID: 680-247418-1

Client Sample ID: SCH-SWA-1

Lab Sample ID: 680-247418-1

Date Collected: 02/29/24 09:06

Matrix: Water

Date Received: 03/02/24 09:41

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.7		2.0	0.40	mg/L			03/08/24 18:41	2
Fluoride	<0.40		0.80	0.40	mg/L			03/08/24 18:41	2
Sulfate	42		2.0	1.0	mg/L			03/08/24 18:41	2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		03/04/24 06:05	03/04/24 13:09	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		03/04/24 06:05	03/04/24 13:09	1
Barium	0.050		0.010	0.00089	mg/L		03/04/24 06:05	03/04/24 13:09	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		03/04/24 06:05	03/04/24 13:09	1
Boron	0.23		0.080	0.022	mg/L		03/04/24 06:05	03/05/24 09:23	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		03/04/24 06:05	03/04/24 13:09	1
Calcium	15	F1	0.50	0.14	mg/L		03/04/24 06:05	03/04/24 13:09	1
Chromium	0.0014	J	0.0020	0.0012	mg/L		03/04/24 06:05	03/04/24 13:09	1
Cobalt	0.00022	J	0.0025	0.00022	mg/L		03/04/24 06:05	03/04/24 13:09	1
Copper	0.0033		0.0020	0.0011	mg/L		03/04/24 06:05	03/04/24 13:09	1
Lead	0.00026	J	0.0010	0.00021	mg/L		03/04/24 06:05	03/04/24 13:09	1
Magnesium	5.8		0.50	0.023	mg/L		03/04/24 06:05	03/04/24 13:09	1
Nickel	0.0014	B	0.0010	0.00042	mg/L		03/04/24 06:05	03/04/24 13:09	1
Potassium	2.3		0.50	0.044	mg/L		03/04/24 06:05	03/04/24 13:09	1
Selenium	<0.00099		0.0050	0.00099	mg/L		03/04/24 06:05	03/04/24 13:09	1
Silver	<0.00039		0.0010	0.00039	mg/L		03/04/24 06:05	03/04/24 13:09	1
Sodium	13		0.50	0.20	mg/L		03/04/24 06:05	03/04/24 13:09	1
Thallium	<0.00026		0.0010	0.00026	mg/L		03/04/24 06:05	03/04/24 13:09	1
Vanadium	0.0029		0.0020	0.00063	mg/L		03/04/24 06:05	03/04/24 13:09	1
Zinc	0.0075		0.0050	0.0028	mg/L		03/04/24 06:05	03/04/24 13:09	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/05/24 11:18	03/05/24 17:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	52		5.0	2.2	mg/L			03/05/24 00:38	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	52		5.0	5.0	mg/L			03/05/24 00:38	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			03/05/24 00:38	1
Total Dissolved Solids (SM 2540C-2011)	120		10	10	mg/L			03/06/24 10:46	1
Chemical Oxygen Demand (MCAWW 410.4-1993 R2.0)	16		10	5.0	mg/L			03/12/24 11:31	1
Cyanide, Total (SM 4500 CN E-2011)	0.0066	J	0.020	0.0060	mg/L		03/05/24 08:48	03/05/24 12:51	1
Total Organic Carbon (TOC) (SM 5310 B-2011)	4.7		1.0	0.50	mg/L			03/08/24 21:06	1

Client Sample Results

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

Job ID: 680-247418-1

Client Sample ID: SCH-SWA-3

Lab Sample ID: 680-247418-2

Date Collected: 02/29/24 12:10

Matrix: Water

Date Received: 03/02/24 09:41

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13		2.0	0.40	mg/L			03/08/24 18:56	2
Fluoride	<0.40		0.80	0.40	mg/L			03/08/24 18:56	2
Sulfate	79		2.0	1.0	mg/L			03/08/24 18:56	2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		03/04/24 06:05	03/04/24 16:34	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		03/04/24 06:05	03/04/24 16:34	1
Barium	0.047		0.010	0.00089	mg/L		03/04/24 06:05	03/04/24 16:34	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		03/04/24 06:05	03/04/24 16:34	1
Boron	0.47		0.080	0.022	mg/L		03/04/24 06:05	03/04/24 16:34	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		03/04/24 06:05	03/04/24 16:34	1
Calcium	14		0.50	0.14	mg/L		03/04/24 06:05	03/04/24 16:34	1
Chromium	0.0012	J	0.0020	0.0012	mg/L		03/04/24 06:05	03/04/24 16:34	1
Cobalt	0.0048		0.0025	0.00022	mg/L		03/04/24 06:05	03/04/24 16:34	1
Copper	<0.0011		0.0020	0.0011	mg/L		03/04/24 06:05	03/04/24 16:34	1
Lead	0.00024	J	0.0010	0.00021	mg/L		03/04/24 06:05	03/04/24 16:34	1
Magnesium	9.1		0.50	0.023	mg/L		03/04/24 06:05	03/04/24 16:34	1
Nickel	0.0011		0.0010	0.00042	mg/L		03/04/24 06:05	03/04/24 16:34	1
Potassium	1.4		0.50	0.044	mg/L		03/04/24 06:05	03/04/24 16:34	1
Selenium	<0.00099		0.0050	0.00099	mg/L		03/04/24 06:05	03/04/24 16:34	1
Silver	<0.00039		0.0010	0.00039	mg/L		03/04/24 06:05	03/04/24 16:34	1
Sodium	26		0.50	0.20	mg/L		03/04/24 06:05	03/04/24 16:34	1
Thallium	<0.00026		0.0010	0.00026	mg/L		03/04/24 06:05	03/04/24 16:34	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		03/04/24 06:05	03/04/24 16:34	1
Zinc	<0.0028		0.0050	0.0028	mg/L		03/04/24 06:05	03/04/24 16:34	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/05/24 11:18	03/05/24 17:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	35		5.0	2.2	mg/L			03/05/24 00:55	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	35		5.0	5.0	mg/L			03/05/24 00:55	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			03/05/24 00:55	1
Total Dissolved Solids (SM 2540C-2011)	160		40	40	mg/L			03/06/24 10:46	1
Chemical Oxygen Demand (MCAWW 410.4-1993 R2.0)	<5.0		10	5.0	mg/L			03/12/24 11:31	1
Cyanide, Total (SM 4500 CN E-2011)	0.0079	J	0.020	0.0060	mg/L		03/05/24 08:48	03/05/24 12:53	1
Total Organic Carbon (TOC) (SM 5310 B-2011)	0.78	J	1.0	0.50	mg/L			03/08/24 21:40	1

Client Sample Results

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

Job ID: 680-247418-1

Client Sample ID: SCH-SWC-4

Lab Sample ID: 680-247418-3

Date Collected: 02/29/24 13:04

Matrix: Water

Date Received: 03/02/24 09:41

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.4		2.0	0.40	mg/L			03/07/24 00:42	2
Fluoride	<0.40		0.80	0.40	mg/L			03/07/24 00:42	2
Sulfate	96		2.0	1.0	mg/L			03/07/24 00:42	2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		03/04/24 06:05	03/04/24 16:31	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		03/04/24 06:05	03/04/24 16:31	1
Barium	0.070		0.010	0.00089	mg/L		03/04/24 06:05	03/04/24 16:31	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		03/04/24 06:05	03/04/24 16:31	1
Boron	0.57		0.080	0.022	mg/L		03/04/24 06:05	03/04/24 16:31	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		03/04/24 06:05	03/04/24 16:31	1
Calcium	24		0.50	0.14	mg/L		03/04/24 06:05	03/04/24 16:31	1
Chromium	0.0017	J	0.0020	0.0012	mg/L		03/04/24 06:05	03/04/24 16:31	1
Cobalt	0.0047		0.0025	0.00022	mg/L		03/04/24 06:05	03/04/24 16:31	1
Copper	0.0017	J	0.0020	0.0011	mg/L		03/04/24 06:05	03/04/24 16:31	1
Lead	0.00042	J	0.0010	0.00021	mg/L		03/04/24 06:05	03/04/24 16:31	1
Magnesium	13		0.50	0.023	mg/L		03/04/24 06:05	03/04/24 16:31	1
Nickel	0.0013		0.0010	0.00042	mg/L		03/04/24 06:05	03/04/24 16:31	1
Potassium	1.3		0.50	0.044	mg/L		03/04/24 06:05	03/04/24 16:31	1
Selenium	<0.00099		0.0050	0.00099	mg/L		03/04/24 06:05	03/04/24 16:31	1
Silver	<0.00039		0.0010	0.00039	mg/L		03/04/24 06:05	03/04/24 16:31	1
Sodium	27		0.50	0.20	mg/L		03/04/24 06:05	03/04/24 16:31	1
Thallium	<0.00026		0.0010	0.00026	mg/L		03/04/24 06:05	03/04/24 16:31	1
Vanadium	0.0039		0.0020	0.00063	mg/L		03/04/24 06:05	03/04/24 16:31	1
Zinc	0.0037	J	0.0050	0.0028	mg/L		03/04/24 06:05	03/04/24 16:31	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/05/24 11:18	03/05/24 17:24	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	60		5.0	2.2	mg/L			03/05/24 01:04	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	60		5.0	5.0	mg/L			03/05/24 01:04	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			03/05/24 01:04	1
Total Dissolved Solids (SM 2540C-2011)	200		40	40	mg/L			03/06/24 10:46	1

Client Sample ID: SCH-SWC-6

Lab Sample ID: 680-247418-4

Date Collected: 02/29/24 10:55

Matrix: Water

Date Received: 03/02/24 09:41

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.0		1.0	0.20	mg/L			03/07/24 00:58	1
Fluoride	<0.20		0.40	0.20	mg/L			03/07/24 00:58	1
Sulfate	1.3		1.0	0.50	mg/L			03/07/24 00:58	1

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Client Sample Results

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

Job ID: 680-247418-1

Client Sample ID: SCH-SWC-6

Lab Sample ID: 680-247418-4

Date Collected: 02/29/24 10:55

Matrix: Water

Date Received: 03/02/24 09:41

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		03/04/24 06:05	03/04/24 16:28	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		03/04/24 06:05	03/04/24 16:28	1
Barium	0.028		0.010	0.00089	mg/L		03/04/24 06:05	03/04/24 16:28	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		03/04/24 06:05	03/04/24 16:28	1
Boron	0.028 J		0.080	0.022	mg/L		03/04/24 06:05	03/04/24 16:28	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		03/04/24 06:05	03/04/24 16:28	1
Calcium	11		0.50	0.14	mg/L		03/04/24 06:05	03/04/24 16:28	1
Chromium	0.0017 J		0.0020	0.0012	mg/L		03/04/24 06:05	03/04/24 16:28	1
Cobalt	0.0018 J		0.0025	0.00022	mg/L		03/04/24 06:05	03/04/24 16:28	1
Copper	<0.0011		0.0020	0.0011	mg/L		03/04/24 06:05	03/04/24 16:28	1
Lead	<0.00021		0.0010	0.00021	mg/L		03/04/24 06:05	03/04/24 16:28	1
Magnesium	6.0		0.50	0.023	mg/L		03/04/24 06:05	03/04/24 16:28	1
Nickel	0.00074 J		0.0010	0.00042	mg/L		03/04/24 06:05	03/04/24 16:28	1
Potassium	1.1		0.50	0.044	mg/L		03/04/24 06:05	03/04/24 16:28	1
Selenium	<0.00099		0.0050	0.00099	mg/L		03/04/24 06:05	03/04/24 16:28	1
Silver	<0.00039		0.0010	0.00039	mg/L		03/04/24 06:05	03/04/24 16:28	1
Sodium	7.3		0.50	0.20	mg/L		03/04/24 06:05	03/04/24 16:28	1
Thallium	<0.00026		0.0010	0.00026	mg/L		03/04/24 06:05	03/04/24 16:28	1
Vanadium	0.0023		0.0020	0.00063	mg/L		03/04/24 06:05	03/04/24 16:28	1
Zinc	<0.0028		0.0050	0.0028	mg/L		03/04/24 06:05	03/04/24 16:28	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/05/24 11:18	03/05/24 17:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	62		5.0	2.2	mg/L			03/05/24 02:09	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	62		5.0	5.0	mg/L			03/05/24 02:09	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			03/05/24 02:09	1
Total Dissolved Solids (SM 2540C-2011)	85		10	10	mg/L			03/06/24 10:46	1

Client Sample ID: SCH-SWC-7

Lab Sample ID: 680-247418-5

Date Collected: 02/29/24 11:14

Matrix: Water

Date Received: 03/02/24 09:41

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.4		2.0	0.40	mg/L			03/08/24 19:11	2
Fluoride	<0.40		0.80	0.40	mg/L			03/08/24 19:11	2
Sulfate	61		2.0	1.0	mg/L			03/08/24 19:11	2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		03/04/24 06:05	03/04/24 16:26	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		03/04/24 06:05	03/04/24 16:26	1
Barium	0.059		0.010	0.00089	mg/L		03/04/24 06:05	03/04/24 16:26	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		03/04/24 06:05	03/04/24 16:26	1

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Client Sample Results

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

Job ID: 680-247418-1

Client Sample ID: SCH-SWC-7

Lab Sample ID: 680-247418-5

Date Collected: 02/29/24 11:14

Matrix: Water

Date Received: 03/02/24 09:41

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.37		0.080	0.022	mg/L		03/04/24 06:05	03/04/24 16:26	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		03/04/24 06:05	03/04/24 16:26	1
Calcium	22		0.50	0.14	mg/L		03/04/24 06:05	03/04/24 16:26	1
Chromium	0.0013	J	0.0020	0.0012	mg/L		03/04/24 06:05	03/04/24 16:26	1
Cobalt	0.00043	J	0.0025	0.00022	mg/L		03/04/24 06:05	03/04/24 16:26	1
Copper	0.0016	J	0.0020	0.0011	mg/L		03/04/24 06:05	03/04/24 16:26	1
Lead	<0.00021		0.0010	0.00021	mg/L		03/04/24 06:05	03/04/24 16:26	1
Magnesium	11		0.50	0.023	mg/L		03/04/24 06:05	03/04/24 16:26	1
Nickel	0.00082	J	0.0010	0.00042	mg/L		03/04/24 06:05	03/04/24 16:26	1
Potassium	2.1		0.50	0.044	mg/L		03/04/24 06:05	03/04/24 16:26	1
Selenium	<0.00099		0.0050	0.00099	mg/L		03/04/24 06:05	03/04/24 16:26	1
Silver	<0.00039		0.0010	0.00039	mg/L		03/04/24 06:05	03/04/24 16:26	1
Sodium	21		0.50	0.20	mg/L		03/04/24 06:05	03/04/24 16:26	1
Thallium	<0.00026		0.0010	0.00026	mg/L		03/04/24 06:05	03/04/24 16:26	1
Vanadium	0.0022		0.0020	0.00063	mg/L		03/04/24 06:05	03/04/24 16:26	1
Zinc	<0.0028		0.0050	0.0028	mg/L		03/04/24 06:05	03/04/24 16:26	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/05/24 11:18	03/05/24 17:18	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	63		5.0	2.2	mg/L			03/05/24 01:12	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	63		5.0	5.0	mg/L			03/05/24 01:12	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			03/05/24 01:12	1
Total Dissolved Solids (SM 2540C-2011)	160		40	40	mg/L			03/06/24 10:46	1
Chemical Oxygen Demand (MCAWW 410.4-1993 R2.0)	7.9	J	10	5.0	mg/L			03/12/24 11:31	1
Cyanide, Total (SM 4500 CN E-2011)	0.0082	J	0.020	0.0060	mg/L		03/05/24 08:48	03/05/24 12:59	1
Total Organic Carbon (TOC) (SM 5310 B-2011)	2.6		1.0	0.50	mg/L			03/08/24 21:58	1

Client Sample ID: SCH-SWC-8

Lab Sample ID: 680-247418-6

Date Collected: 02/29/24 12:38

Matrix: Water

Date Received: 03/02/24 09:41

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12		2.0	0.40	mg/L			03/07/24 01:15	2
Fluoride	<0.40		0.80	0.40	mg/L			03/07/24 01:15	2
Sulfate	140		2.0	1.0	mg/L			03/07/24 01:15	2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		03/04/24 06:05	03/04/24 16:17	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		03/04/24 06:05	03/04/24 16:17	1

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Client Sample Results

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

Job ID: 680-247418-1

Client Sample ID: SCH-SWC-8

Lab Sample ID: 680-247418-6

Date Collected: 02/29/24 12:38

Matrix: Water

Date Received: 03/02/24 09:41

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	0.064		0.010	0.00089	mg/L		03/04/24 06:05	03/04/24 16:17	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		03/04/24 06:05	03/04/24 16:17	1
Boron	0.93		0.080	0.022	mg/L		03/04/24 06:05	03/04/24 16:17	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		03/04/24 06:05	03/04/24 16:17	1
Calcium	28		0.50	0.14	mg/L		03/04/24 06:05	03/04/24 16:17	1
Chromium	<0.0012		0.0020	0.0012	mg/L		03/04/24 06:05	03/04/24 16:17	1
Cobalt	0.0046		0.0025	0.00022	mg/L		03/04/24 06:05	03/04/24 16:17	1
Copper	<0.0011		0.0020	0.0011	mg/L		03/04/24 06:05	03/04/24 16:17	1
Lead	<0.00021		0.0010	0.00021	mg/L		03/04/24 06:05	03/04/24 16:17	1
Magnesium	16		0.50	0.023	mg/L		03/04/24 06:05	03/04/24 16:17	1
Nickel	0.0011		0.0010	0.00042	mg/L		03/04/24 06:05	03/04/24 16:17	1
Potassium	1.4		0.50	0.044	mg/L		03/04/24 06:05	03/04/24 16:17	1
Selenium	<0.00099		0.0050	0.00099	mg/L		03/04/24 06:05	03/04/24 16:17	1
Silver	<0.00039		0.0010	0.00039	mg/L		03/04/24 06:05	03/04/24 16:17	1
Sodium	37		0.50	0.20	mg/L		03/04/24 06:05	03/04/24 16:17	1
Thallium	<0.00026		0.0010	0.00026	mg/L		03/04/24 06:05	03/04/24 16:17	1
Vanadium	0.00067	J	0.0020	0.00063	mg/L		03/04/24 06:05	03/04/24 16:17	1
Zinc	<0.0028		0.0050	0.0028	mg/L		03/04/24 06:05	03/04/24 16:17	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/05/24 11:18	03/05/24 17:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	50		5.0	2.2	mg/L			03/04/24 23:16	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	50		5.0	5.0	mg/L			03/04/24 23:16	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			03/04/24 23:16	1
Total Dissolved Solids (SM 2540C-2011)	240		40	40	mg/L			03/06/24 10:46	1

QC Sample Results

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

Job ID: 680-247418-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 670-79273/37
Matrix: Water
Analysis Batch: 79273

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Chloride	<0.20		1.0	0.20	mg/L			03/06/24 19:20	1
Fluoride	<0.20		0.40	0.20	mg/L			03/06/24 19:20	1
Sulfate	<0.50		1.0	0.50	mg/L			03/06/24 19:20	1

Lab Sample ID: MB 670-79273/6
Matrix: Water
Analysis Batch: 79273

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Chloride	<0.20		1.0	0.20	mg/L			03/06/24 10:35	1
Fluoride	<0.20		0.40	0.20	mg/L			03/06/24 10:35	1
Sulfate	<0.50		1.0	0.50	mg/L			03/06/24 10:35	1

Lab Sample ID: LCS 670-79273/35
Matrix: Water
Analysis Batch: 79273

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	4.00	3.87		mg/L		97	90 - 110
Sulfate	4.00	3.97		mg/L		99	90 - 110

Lab Sample ID: LCSD 670-79273/36
Matrix: Water
Analysis Batch: 79273

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluoride	4.00	3.86		mg/L		97	90 - 110	0	20
Sulfate	4.00	3.96		mg/L		99	90 - 110	0	20

Lab Sample ID: 674-7991-A-1 MS
Matrix: Water
Analysis Batch: 79273

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

Analyte	Sample	Sample	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
	Result	Qualifier							
Chloride	10		5.00	15.6		mg/L		111	80 - 120
Fluoride	0.27	J	5.00	5.41		mg/L		103	80 - 120
Sulfate	2.2		5.00	6.60		mg/L		89	80 - 120

Lab Sample ID: 674-7991-A-1 MSD
Matrix: Water
Analysis Batch: 79273

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

Analyte	Sample	Sample	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
	Result	Qualifier									
Chloride	10		5.00	15.6		mg/L		111	80 - 120	0	20
Fluoride	0.27	J	5.00	5.41		mg/L		103	80 - 120	0	20
Sulfate	2.2		5.00	6.57		mg/L		88	80 - 120	0	20

QC Sample Results

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

Job ID: 680-247418-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 670-79726/6
Matrix: Water
Analysis Batch: 79726

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

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Chloride	<0.20		1.0	0.20	mg/L			03/08/24 10:34	1
Fluoride	<0.20		0.40	0.20	mg/L			03/08/24 10:34	1
Sulfate	<0.50		1.0	0.50	mg/L			03/08/24 10:34	1

Lab Sample ID: LCS 670-79726/4
Matrix: Water
Analysis Batch: 79726

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	4.00	4.16		mg/L		104	90 - 110
Sulfate	4.00	4.19		mg/L		105	90 - 110

Lab Sample ID: LCSD 670-79726/5
Matrix: Water
Analysis Batch: 79726

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluoride	4.00	4.20		mg/L		105	90 - 110	1	20
Sulfate	4.00	4.20		mg/L		105	90 - 110	0	20

Lab Sample ID: 870-25004-C-1 MS
Matrix: Water
Analysis Batch: 79726

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	<0.20		5.00	5.67		mg/L		113	80 - 120
Sulfate	24		5.00	29.1	4	mg/L		92	80 - 120

Lab Sample ID: 870-25004-C-1 MSD
Matrix: Water
Analysis Batch: 79726

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluoride	<0.20		5.00	5.67		mg/L		113	80 - 120	0	20
Sulfate	24		5.00	29.1	4	mg/L		93	80 - 120	0	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 680-825592/1-A
Matrix: Water
Analysis Batch: 825774

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 825592

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Antimony	<0.00034		0.0020	0.00034	mg/L		03/04/24 06:05	03/04/24 15:17	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		03/04/24 06:05	03/04/24 15:17	1
Barium	<0.00089		0.010	0.00089	mg/L		03/04/24 06:05	03/04/24 15:17	1

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QC Sample Results

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

Job ID: 680-247418-1

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

Lab Sample ID: MB 680-825592/1-A
Matrix: Water
Analysis Batch: 825774

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 825592

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Beryllium	<0.00020		0.0025	0.00020	mg/L		03/04/24 06:05	03/04/24 15:17	1
Boron	<0.022		0.080	0.022	mg/L		03/04/24 06:05	03/04/24 15:17	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		03/04/24 06:05	03/04/24 15:17	1
Calcium	<0.14		0.50	0.14	mg/L		03/04/24 06:05	03/04/24 15:17	1
Chromium	<0.0012		0.0020	0.0012	mg/L		03/04/24 06:05	03/04/24 15:17	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		03/04/24 06:05	03/04/24 15:17	1
Copper	<0.0011		0.0020	0.0011	mg/L		03/04/24 06:05	03/04/24 15:17	1
Lead	<0.00021		0.0010	0.00021	mg/L		03/04/24 06:05	03/04/24 15:17	1
Magnesium	<0.023		0.50	0.023	mg/L		03/04/24 06:05	03/04/24 15:17	1
Nickel	<0.00042		0.0010	0.00042	mg/L		03/04/24 06:05	03/04/24 15:17	1
Potassium	<0.044		0.50	0.044	mg/L		03/04/24 06:05	03/04/24 15:17	1
Selenium	<0.00099		0.0050	0.00099	mg/L		03/04/24 06:05	03/04/24 15:17	1
Silver	<0.00039		0.0010	0.00039	mg/L		03/04/24 06:05	03/04/24 15:17	1
Sodium	<0.20		0.50	0.20	mg/L		03/04/24 06:05	03/04/24 15:17	1
Thallium	<0.00026		0.0010	0.00026	mg/L		03/04/24 06:05	03/04/24 15:17	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		03/04/24 06:05	03/04/24 15:17	1
Zinc	<0.0028		0.0050	0.0028	mg/L		03/04/24 06:05	03/04/24 15:17	1

Lab Sample ID: LCS 680-825592/2-A
Matrix: Water
Analysis Batch: 825774

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 825592

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Antimony	0.0500	0.0512		mg/L		102	80 - 120
Arsenic	0.100	0.100		mg/L		100	80 - 120
Barium	0.100	0.101		mg/L		101	80 - 120
Beryllium	0.0500	0.0531		mg/L		106	80 - 120
Boron	0.400	0.391		mg/L		98	80 - 120
Cadmium	0.0500	0.0524		mg/L		105	80 - 120
Calcium	5.00	5.13		mg/L		103	80 - 120
Chromium	0.100	0.101		mg/L		100	80 - 120
Cobalt	0.0500	0.0529		mg/L		106	80 - 120
Copper	0.101	0.109		mg/L		108	80 - 120
Lead	0.500	0.489		mg/L		98	80 - 120
Magnesium	5.00	4.99		mg/L		100	80 - 120
Nickel	0.100	0.105		mg/L		105	80 - 120
Potassium	7.00	7.20		mg/L		103	80 - 120
Selenium	0.100	0.0942		mg/L		94	80 - 120
Silver	0.0500	0.0516		mg/L		103	80 - 120
Sodium	5.03	4.95		mg/L		98	80 - 120
Thallium	0.0500	0.0520		mg/L		104	80 - 120
Vanadium	0.100	0.106		mg/L		106	80 - 120
Zinc	0.0505	0.0506		mg/L		100	80 - 120

QC Sample Results

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

Job ID: 680-247418-1

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

Lab Sample ID: 680-247427-B-17-B MS

Matrix: Water

Analysis Batch: 825774

Client Sample ID: Matrix Spike

Prep Type: Total Recoverable

Prep Batch: 825592

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec
	Result	Qualifier	Added	Result	Qualifier			Limits	
Antimony	<0.00034		0.0500	0.0514		mg/L		103	75 - 125
Arsenic	<0.00086		0.100	0.0968		mg/L		97	75 - 125
Barium	0.048		0.100	0.154		mg/L		106	75 - 125
Beryllium	<0.00020		0.0500	0.0524		mg/L		105	75 - 125
Boron	<0.022		0.400	0.388		mg/L		97	75 - 125
Cadmium	<0.000078		0.0500	0.0489		mg/L		98	75 - 125
Calcium	18		5.00	21.8		mg/L		78	75 - 125
Chromium	0.014		0.100	0.117		mg/L		103	75 - 125
Cobalt	<0.00022		0.0500	0.0525		mg/L		105	75 - 125
Copper	<0.0011		0.101	0.109		mg/L		108	75 - 125
Lead	0.00028	J	0.500	0.484		mg/L		97	75 - 125
Magnesium	8.9		5.00	13.5		mg/L		93	75 - 125
Nickel	0.00096	J	0.100	0.103		mg/L		102	75 - 125
Potassium	0.97		7.00	8.15		mg/L		102	75 - 125
Selenium	<0.00099		0.100	0.0916		mg/L		92	75 - 125
Silver	<0.00039		0.0500	0.0509		mg/L		102	75 - 125
Sodium	11		5.03	15.4		mg/L		88	75 - 125
Thallium	<0.00026		0.0500	0.0533		mg/L		107	75 - 125
Vanadium	0.018		0.100	0.121		mg/L		103	75 - 125
Zinc	0.0040	J	0.0505	0.0495		mg/L		90	75 - 125

Lab Sample ID: 680-247427-B-17-C MSD

Matrix: Water

Analysis Batch: 825774

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total Recoverable

Prep Batch: 825592

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier			Limits	Limits	RPD	Limit
Antimony	<0.00034		0.0500	0.0509		mg/L		102	75 - 125	1	20
Arsenic	<0.00086		0.100	0.0984		mg/L		98	75 - 125	2	20
Barium	0.048		0.100	0.147		mg/L		99	75 - 125	4	20
Beryllium	<0.00020		0.0500	0.0523		mg/L		105	75 - 125	0	20
Boron	<0.022		0.400	0.397		mg/L		99	75 - 125	2	20
Cadmium	<0.000078		0.0500	0.0524		mg/L		105	75 - 125	7	20
Calcium	18		5.00	22.0		mg/L		81	75 - 125	1	20
Chromium	0.014		0.100	0.117		mg/L		103	75 - 125	0	20
Cobalt	<0.00022		0.0500	0.0522		mg/L		104	75 - 125	1	20
Copper	<0.0011		0.101	0.109		mg/L		108	75 - 125	0	20
Lead	0.00028	J	0.500	0.483		mg/L		97	75 - 125	0	20
Magnesium	8.9		5.00	13.4		mg/L		91	75 - 125	1	20
Nickel	0.00096	J	0.100	0.103		mg/L		102	75 - 125	0	20
Potassium	0.97		7.00	8.10		mg/L		102	75 - 125	1	20
Selenium	<0.00099		0.100	0.0934		mg/L		93	75 - 125	2	20
Silver	<0.00039		0.0500	0.0520		mg/L		104	75 - 125	2	20
Sodium	11		5.03	15.4		mg/L		88	75 - 125	0	20
Thallium	<0.00026		0.0500	0.0521		mg/L		104	75 - 125	2	20
Vanadium	0.018		0.100	0.123		mg/L		105	75 - 125	2	20
Zinc	0.0040	J	0.0505	0.0510		mg/L		93	75 - 125	3	20

QC Sample Results

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

Job ID: 680-247418-1

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

Lab Sample ID: MB 680-825595/1-A
Matrix: Water
Analysis Batch: 825774

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 825595

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Antimony	<0.00034		0.0020	0.00034	mg/L		03/04/24 06:05	03/04/24 13:03	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		03/04/24 06:05	03/04/24 13:03	1
Barium	<0.00089		0.010	0.00089	mg/L		03/04/24 06:05	03/04/24 13:03	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		03/04/24 06:05	03/04/24 13:03	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		03/04/24 06:05	03/04/24 13:03	1
Calcium	<0.14		0.50	0.14	mg/L		03/04/24 06:05	03/04/24 13:03	1
Chromium	<0.0012		0.0020	0.0012	mg/L		03/04/24 06:05	03/04/24 13:03	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		03/04/24 06:05	03/04/24 13:03	1
Copper	<0.0011		0.0020	0.0011	mg/L		03/04/24 06:05	03/04/24 13:03	1
Lead	<0.00021		0.0010	0.00021	mg/L		03/04/24 06:05	03/04/24 13:03	1
Magnesium	<0.023		0.50	0.023	mg/L		03/04/24 06:05	03/04/24 13:03	1
Nickel	0.000555	J	0.0010	0.00042	mg/L		03/04/24 06:05	03/04/24 13:03	1
Potassium	<0.044		0.50	0.044	mg/L		03/04/24 06:05	03/04/24 13:03	1
Selenium	<0.00099		0.0050	0.00099	mg/L		03/04/24 06:05	03/04/24 13:03	1
Silver	<0.00039		0.0010	0.00039	mg/L		03/04/24 06:05	03/04/24 13:03	1
Sodium	<0.20		0.50	0.20	mg/L		03/04/24 06:05	03/04/24 13:03	1
Thallium	<0.00026		0.0010	0.00026	mg/L		03/04/24 06:05	03/04/24 13:03	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		03/04/24 06:05	03/04/24 13:03	1
Zinc	<0.0028		0.0050	0.0028	mg/L		03/04/24 06:05	03/04/24 13:03	1

Lab Sample ID: MB 680-825595/1-A
Matrix: Water
Analysis Batch: 825991

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 825595

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Boron	<0.022		0.080	0.022	mg/L		03/04/24 06:05	03/05/24 09:17	1

Lab Sample ID: LCS 680-825595/2-A
Matrix: Water
Analysis Batch: 825774

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 825595

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.100	0.107		mg/L		107	80 - 120
Barium	0.100	0.110		mg/L		110	80 - 120
Beryllium	0.0500	0.0568		mg/L		114	80 - 120
Cadmium	0.0500	0.0541		mg/L		108	80 - 120
Calcium	5.00	5.39		mg/L		108	80 - 120
Chromium	0.100	0.105		mg/L		105	80 - 120
Cobalt	0.0500	0.0558		mg/L		112	80 - 120
Copper	0.101	0.115		mg/L		114	80 - 120
Lead	0.500	0.516		mg/L		103	80 - 120
Magnesium	5.00	5.15		mg/L		103	80 - 120
Nickel	0.100	0.111		mg/L		111	80 - 120
Potassium	7.00	7.60		mg/L		109	80 - 120
Selenium	0.100	0.103		mg/L		103	80 - 120
Silver	0.0500	0.0547		mg/L		109	80 - 120
Sodium	5.03	5.18		mg/L		103	80 - 120
Thallium	0.0500	0.0555		mg/L		111	80 - 120

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QC Sample Results

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

Job ID: 680-247418-1

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

Lab Sample ID: LCS 680-825595/2-A
Matrix: Water
Analysis Batch: 825774

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 825595

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec	
							Limits	
Vanadium	0.100	0.112		mg/L		112	80 - 120	
Zinc	0.0505	0.0536		mg/L		106	80 - 120	

Lab Sample ID: LCS 680-825595/2-A
Matrix: Water
Analysis Batch: 825991

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 825595

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec	
							Limits	
Boron	0.400	0.377		mg/L		94	80 - 120	

Lab Sample ID: 680-247418-1 MS
Matrix: Water
Analysis Batch: 825774

Client Sample ID: SCH-SWA-1
Prep Type: Total Recoverable
Prep Batch: 825595

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec	
									Limits	
Antimony	<0.00034		0.0500	0.0553		mg/L		111	75 - 125	
Arsenic	<0.00086		0.100	0.105		mg/L		105	75 - 125	
Barium	0.050		0.100	0.162		mg/L		113	75 - 125	
Beryllium	<0.00020		0.0500	0.0567		mg/L		113	75 - 125	
Cadmium	<0.000078		0.0500	0.0540		mg/L		108	75 - 125	
Calcium	15	F1	5.00	20.4		mg/L		100	75 - 125	
Chromium	0.0014	J	0.100	0.110		mg/L		108	75 - 125	
Cobalt	0.00022	J	0.0500	0.0533		mg/L		106	75 - 125	
Copper	0.0033		0.101	0.110		mg/L		105	75 - 125	
Lead	0.00026	J	0.500	0.504		mg/L		101	75 - 125	
Magnesium	5.8		5.00	11.3		mg/L		110	75 - 125	
Nickel	0.0014	B	0.100	0.103		mg/L		102	75 - 125	
Potassium	2.3		7.00	9.83		mg/L		107	75 - 125	
Selenium	<0.00099		0.100	0.102		mg/L		102	75 - 125	
Silver	<0.00039		0.0500	0.0543		mg/L		109	75 - 125	
Sodium	13		5.03	18.9		mg/L		108	75 - 125	
Thallium	<0.00026		0.0500	0.0560		mg/L		112	75 - 125	
Vanadium	0.0029		0.100	0.108		mg/L		105	75 - 125	
Zinc	0.0075		0.0505	0.0563		mg/L		97	75 - 125	

Lab Sample ID: 680-247418-1 MS
Matrix: Water
Analysis Batch: 825991

Client Sample ID: SCH-SWA-1
Prep Type: Total Recoverable
Prep Batch: 825595

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec	
									Limits	
Boron	0.23		0.400	0.612		mg/L		95	75 - 125	

Lab Sample ID: 680-247418-1 MSD
Matrix: Water
Analysis Batch: 825774

Client Sample ID: SCH-SWA-1
Prep Type: Total Recoverable
Prep Batch: 825595

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec		RPD	
									Limits		RPD	Limit
Antimony	<0.00034		0.0500	0.0565		mg/L		113	75 - 125		2	20
Arsenic	<0.00086		0.100	0.109		mg/L		109	75 - 125		4	20
Barium	0.050		0.100	0.166		mg/L		116	75 - 125		2	20

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QC Sample Results

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

Job ID: 680-247418-1

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

Lab Sample ID: 680-247418-1 MSD
Matrix: Water
Analysis Batch: 825774

Client Sample ID: SCH-SWA-1
Prep Type: Total Recoverable
Prep Batch: 825595

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		
Beryllium	<0.00020		0.0500	0.0583		mg/L		117	75 - 125	3	20
Cadmium	<0.000078		0.0500	0.0564		mg/L		113	75 - 125	4	20
Calcium	15	F1	5.00	21.7	F1	mg/L		126	75 - 125	6	20
Chromium	0.0014	J	0.100	0.108		mg/L		106	75 - 125	3	20
Cobalt	0.00022	J	0.0500	0.0553		mg/L		110	75 - 125	4	20
Copper	0.0033		0.101	0.117		mg/L		113	75 - 125	6	20
Lead	0.00026	J	0.500	0.524		mg/L		105	75 - 125	4	20
Magnesium	5.8		5.00	11.4		mg/L		111	75 - 125	1	20
Nickel	0.0014	B	0.100	0.111		mg/L		109	75 - 125	7	20
Potassium	2.3		7.00	10.2		mg/L		112	75 - 125	4	20
Selenium	<0.00099		0.100	0.105		mg/L		105	75 - 125	3	20
Silver	<0.00039		0.0500	0.0558		mg/L		112	75 - 125	3	20
Sodium	13		5.03	19.0		mg/L		109	75 - 125	0	20
Thallium	<0.00026		0.0500	0.0583		mg/L		117	75 - 125	4	20
Vanadium	0.0029		0.100	0.113		mg/L		110	75 - 125	4	20
Zinc	0.0075		0.0505	0.0601		mg/L		104	75 - 125	6	20

Lab Sample ID: 680-247418-1 MSD
Matrix: Water
Analysis Batch: 825991

Client Sample ID: SCH-SWA-1
Prep Type: Total Recoverable
Prep Batch: 825595

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		
Boron	0.23		0.400	0.636		mg/L		101	75 - 125	4	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 680-825852/1-A
Matrix: Water
Analysis Batch: 825982

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 825852

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	<0.000080		0.00020	0.000080	mg/L		03/05/24 11:18	03/05/24 16:58	1

Lab Sample ID: LCS 680-825852/2-A
Matrix: Water
Analysis Batch: 825982

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 825852

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec
							Limits
Mercury	0.00250	0.00252		mg/L		101	80 - 120

Lab Sample ID: 680-247418-6 MS
Matrix: Water
Analysis Batch: 825982

Client Sample ID: SCH-SWC-8
Prep Type: Total/NA
Prep Batch: 825852

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec
	Result	Qualifier	Added	Result	Qualifier				Limits
Mercury	<0.000080		0.00100	0.000980		mg/L		98	80 - 120

QC Sample Results

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

Job ID: 680-247418-1

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

Lab Sample ID: 680-247418-6 MSD
Matrix: Water
Analysis Batch: 825982

Client Sample ID: SCH-SWC-8
Prep Type: Total/NA
Prep Batch: 825852

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.000080		0.00100	0.000979		mg/L		98	80 - 120	0	20

Method: 2320B-2011 - Alkalinity, Total

Lab Sample ID: MB 680-825907/4
Matrix: Water
Analysis Batch: 825907

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<2.2		5.0	2.2	mg/L			03/04/24 22:29	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			03/04/24 22:29	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			03/04/24 22:29	1

Lab Sample ID: LCS 680-825907/6
Matrix: Water
Analysis Batch: 825907

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3 to pH 4.5	250	249		mg/L		100	90 - 112

Lab Sample ID: LCSD 680-825907/31
Matrix: Water
Analysis Batch: 825907

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	250	252		mg/L		101	90 - 112	1	30

Lab Sample ID: 680-247418-1 DU
Matrix: Water
Analysis Batch: 825907

Client Sample ID: SCH-SWA-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	52		43.4		mg/L		18	30
Bicarbonate Alkalinity as CaCO3	52		43.4		mg/L		18	30
Carbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	30

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

Lab Sample ID: MB 680-826067/1
Matrix: Water
Analysis Batch: 826067

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			03/06/24 10:46	1

QC Sample Results

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

Job ID: 680-247418-1

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

Lab Sample ID: LCS 680-826067/2
 Matrix: Water
 Analysis Batch: 826067

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	2410	2440		mg/L		101	80 - 120

Lab Sample ID: LCSD 680-826067/3
 Matrix: Water
 Analysis Batch: 826067

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids	2410	2430		mg/L		101	80 - 120	0	25

Lab Sample ID: 680-247418-2 DU
 Matrix: Water
 Analysis Batch: 826067

Client Sample ID: SCH-SWA-3
 Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	160		150		mg/L		4	5

Lab Sample ID: 680-247418-3 DU
 Matrix: Water
 Analysis Batch: 826067

Client Sample ID: SCH-SWC-4
 Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	200		214	F3	mg/L		6	5

Method: 410.4-1993 R2.0 - COD

Lab Sample ID: MB 680-827086/3
 Matrix: Water
 Analysis Batch: 827086

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chemical Oxygen Demand	<5.0		10	5.0	mg/L			03/12/24 11:31	1

Lab Sample ID: LCS 680-827086/4
 Matrix: Water
 Analysis Batch: 827086

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chemical Oxygen Demand	50.0	51.1		mg/L		102	90 - 110

Lab Sample ID: 680-247137-F-2 MS
 Matrix: Water
 Analysis Batch: 827086

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chemical Oxygen Demand	27	F1	50.0	69.2	F1	mg/L		84	90 - 110

QC Sample Results

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

Job ID: 680-247418-1

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

Lab Sample ID: 680-247137-F-2 MSD
Matrix: Water
Analysis Batch: 827086

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chemical Oxygen Demand	27	F1	50.0	73.2		mg/L		92	90 - 110	6	30

Method: 4500 CN E-2011 - Cyanide, Total: Colorimetric Method

Lab Sample ID: MB 680-825817/1-A
Matrix: Water
Analysis Batch: 825910

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 825817

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.0060		0.020	0.0060	mg/L		03/05/24 08:48	03/05/24 12:35	1

Lab Sample ID: LCS 680-825817/2-A
Matrix: Water
Analysis Batch: 825910

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 825817

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.0500	0.0484		mg/L		97	90 - 110

Lab Sample ID: 680-247372-H-2-B MS
Matrix: Water
Analysis Batch: 825910

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 825817

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.0078	J F1	0.0500	0.0500	F1	mg/L		85	90 - 110

Lab Sample ID: 680-247372-H-2-C MSD
Matrix: Water
Analysis Batch: 825910

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 825817

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	0.0078	J F1	0.0500	0.0520	F1	mg/L		89	90 - 110	4	20

Method: 5310 B-2011 - Organic Carbon, Total (TOC)

Lab Sample ID: MB 680-826724/1
Matrix: Water
Analysis Batch: 826724

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (TOC)	<0.50		1.0	0.50	mg/L			03/08/24 19:58	1

Lab Sample ID: LCS 680-826724/2
Matrix: Water
Analysis Batch: 826724

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Organic Carbon (TOC)	20.0	21.1		mg/L		106	80 - 120

QC Sample Results

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

Job ID: 680-247418-1

Method: 5310 B-2011 - Organic Carbon, Total (TOC) (Continued)

Lab Sample ID: LCSD 680-826724/3

Matrix: Water

Analysis Batch: 826724

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Organic Carbon (TOC)	20.0	21.1		mg/L		106	80 - 120	0	25

Lab Sample ID: 680-247418-1 DU

Matrix: Water

Analysis Batch: 826724

Client Sample ID: SCH-SWA-1

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Organic Carbon (TOC)	4.7		4.74		mg/L		1	25

QC Association Summary

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

Job ID: 680-247418-1

HPLC/IC

Analysis Batch: 79273

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247418-3	SCH-SWC-4	Total/NA	Water	300.0	
680-247418-4	SCH-SWC-6	Total/NA	Water	300.0	
680-247418-6	SCH-SWC-8	Total/NA	Water	300.0	
MB 670-79273/37	Method Blank	Total/NA	Water	300.0	
MB 670-79273/6	Method Blank	Total/NA	Water	300.0	
LCS 670-79273/35	Lab Control Sample	Total/NA	Water	300.0	
LCSD 670-79273/36	Lab Control Sample Dup	Total/NA	Water	300.0	
674-7991-A-1 MS	Matrix Spike	Total/NA	Water	300.0	
674-7991-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Analysis Batch: 79726

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247418-1	SCH-SWA-1	Total/NA	Water	300.0	
680-247418-2	SCH-SWA-3	Total/NA	Water	300.0	
680-247418-5	SCH-SWC-7	Total/NA	Water	300.0	
MB 670-79726/6	Method Blank	Total/NA	Water	300.0	
LCS 670-79726/4	Lab Control Sample	Total/NA	Water	300.0	
LCSD 670-79726/5	Lab Control Sample Dup	Total/NA	Water	300.0	
870-25004-C-1 MS	Matrix Spike	Total/NA	Water	300.0	
870-25004-C-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Metals

Prep Batch: 825592

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247418-2	SCH-SWA-3	Total Recoverable	Water	3005A	
680-247418-3	SCH-SWC-4	Total Recoverable	Water	3005A	
680-247418-4	SCH-SWC-6	Total Recoverable	Water	3005A	
680-247418-5	SCH-SWC-7	Total Recoverable	Water	3005A	
680-247418-6	SCH-SWC-8	Total Recoverable	Water	3005A	
MB 680-825592/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-825592/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
680-247427-B-17-B MS	Matrix Spike	Total Recoverable	Water	3005A	
680-247427-B-17-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Prep Batch: 825595

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247418-1	SCH-SWA-1	Total Recoverable	Water	3005A	
MB 680-825595/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-825595/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
680-247418-1 MS	SCH-SWA-1	Total Recoverable	Water	3005A	
680-247418-1 MSD	SCH-SWA-1	Total Recoverable	Water	3005A	

Analysis Batch: 825774

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247418-1	SCH-SWA-1	Total Recoverable	Water	6020B	825595
680-247418-2	SCH-SWA-3	Total Recoverable	Water	6020B	825592
680-247418-3	SCH-SWC-4	Total Recoverable	Water	6020B	825592
680-247418-4	SCH-SWC-6	Total Recoverable	Water	6020B	825592
680-247418-5	SCH-SWC-7	Total Recoverable	Water	6020B	825592
680-247418-6	SCH-SWC-8	Total Recoverable	Water	6020B	825592

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QC Association Summary

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

Job ID: 680-247418-1

Metals (Continued)

Analysis Batch: 825774 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 680-825592/1-A	Method Blank	Total Recoverable	Water	6020B	825592
MB 680-825595/1-A	Method Blank	Total Recoverable	Water	6020B	825595
LCS 680-825592/2-A	Lab Control Sample	Total Recoverable	Water	6020B	825592
LCS 680-825595/2-A	Lab Control Sample	Total Recoverable	Water	6020B	825595
680-247418-1 MS	SCH-SWA-1	Total Recoverable	Water	6020B	825595
680-247418-1 MSD	SCH-SWA-1	Total Recoverable	Water	6020B	825595
680-247427-B-17-B MS	Matrix Spike	Total Recoverable	Water	6020B	825592
680-247427-B-17-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	825592

Prep Batch: 825852

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247418-1	SCH-SWA-1	Total/NA	Water	7470A	
680-247418-2	SCH-SWA-3	Total/NA	Water	7470A	
680-247418-3	SCH-SWC-4	Total/NA	Water	7470A	
680-247418-4	SCH-SWC-6	Total/NA	Water	7470A	
680-247418-5	SCH-SWC-7	Total/NA	Water	7470A	
680-247418-6	SCH-SWC-8	Total/NA	Water	7470A	
MB 680-825852/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-825852/2-A	Lab Control Sample	Total/NA	Water	7470A	
680-247418-6 MS	SCH-SWC-8	Total/NA	Water	7470A	
680-247418-6 MSD	SCH-SWC-8	Total/NA	Water	7470A	

Analysis Batch: 825982

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247418-1	SCH-SWA-1	Total/NA	Water	7470A	825852
680-247418-2	SCH-SWA-3	Total/NA	Water	7470A	825852
680-247418-3	SCH-SWC-4	Total/NA	Water	7470A	825852
680-247418-4	SCH-SWC-6	Total/NA	Water	7470A	825852
680-247418-5	SCH-SWC-7	Total/NA	Water	7470A	825852
680-247418-6	SCH-SWC-8	Total/NA	Water	7470A	825852
MB 680-825852/1-A	Method Blank	Total/NA	Water	7470A	825852
LCS 680-825852/2-A	Lab Control Sample	Total/NA	Water	7470A	825852
680-247418-6 MS	SCH-SWC-8	Total/NA	Water	7470A	825852
680-247418-6 MSD	SCH-SWC-8	Total/NA	Water	7470A	825852

Analysis Batch: 825991

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247418-1	SCH-SWA-1	Total Recoverable	Water	6020B	825595
MB 680-825595/1-A	Method Blank	Total Recoverable	Water	6020B	825595
LCS 680-825595/2-A	Lab Control Sample	Total Recoverable	Water	6020B	825595
680-247418-1 MS	SCH-SWA-1	Total Recoverable	Water	6020B	825595
680-247418-1 MSD	SCH-SWA-1	Total Recoverable	Water	6020B	825595

General Chemistry

Prep Batch: 825817

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247418-1	SCH-SWA-1	Total/NA	Water	Distill/CN	
680-247418-2	SCH-SWA-3	Total/NA	Water	Distill/CN	
680-247418-5	SCH-SWC-7	Total/NA	Water	Distill/CN	
MB 680-825817/1-A	Method Blank	Total/NA	Water	Distill/CN	

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QC Association Summary

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

Job ID: 680-247418-1

General Chemistry (Continued)

Prep Batch: 825817 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 680-825817/2-A	Lab Control Sample	Total/NA	Water	Distill/CN	
680-247372-H-2-B MS	Matrix Spike	Total/NA	Water	Distill/CN	
680-247372-H-2-C MSD	Matrix Spike Duplicate	Total/NA	Water	Distill/CN	

Analysis Batch: 825907

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247418-1	SCH-SWA-1	Total/NA	Water	2320B-2011	
680-247418-2	SCH-SWA-3	Total/NA	Water	2320B-2011	
680-247418-3	SCH-SWC-4	Total/NA	Water	2320B-2011	
680-247418-4	SCH-SWC-6	Total/NA	Water	2320B-2011	
680-247418-5	SCH-SWC-7	Total/NA	Water	2320B-2011	
680-247418-6	SCH-SWC-8	Total/NA	Water	2320B-2011	
MB 680-825907/4	Method Blank	Total/NA	Water	2320B-2011	
LCS 680-825907/6	Lab Control Sample	Total/NA	Water	2320B-2011	
LCSD 680-825907/31	Lab Control Sample Dup	Total/NA	Water	2320B-2011	
680-247418-1 DU	SCH-SWA-1	Total/NA	Water	2320B-2011	

Analysis Batch: 825910

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247418-1	SCH-SWA-1	Total/NA	Water	4500 CN E-2011	825817
680-247418-2	SCH-SWA-3	Total/NA	Water	4500 CN E-2011	825817
680-247418-5	SCH-SWC-7	Total/NA	Water	4500 CN E-2011	825817
MB 680-825817/1-A	Method Blank	Total/NA	Water	4500 CN E-2011	825817
LCS 680-825817/2-A	Lab Control Sample	Total/NA	Water	4500 CN E-2011	825817
680-247372-H-2-B MS	Matrix Spike	Total/NA	Water	4500 CN E-2011	825817
680-247372-H-2-C MSD	Matrix Spike Duplicate	Total/NA	Water	4500 CN E-2011	825817

Analysis Batch: 826067

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247418-1	SCH-SWA-1	Total/NA	Water	2540C-2011	
680-247418-2	SCH-SWA-3	Total/NA	Water	2540C-2011	
680-247418-3	SCH-SWC-4	Total/NA	Water	2540C-2011	
680-247418-4	SCH-SWC-6	Total/NA	Water	2540C-2011	
680-247418-5	SCH-SWC-7	Total/NA	Water	2540C-2011	
680-247418-6	SCH-SWC-8	Total/NA	Water	2540C-2011	
MB 680-826067/1	Method Blank	Total/NA	Water	2540C-2011	
LCS 680-826067/2	Lab Control Sample	Total/NA	Water	2540C-2011	
LCSD 680-826067/3	Lab Control Sample Dup	Total/NA	Water	2540C-2011	
680-247418-2 DU	SCH-SWA-3	Total/NA	Water	2540C-2011	
680-247418-3 DU	SCH-SWC-4	Total/NA	Water	2540C-2011	

Analysis Batch: 826724

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247418-1	SCH-SWA-1	Total/NA	Water	5310 B-2011	
680-247418-2	SCH-SWA-3	Total/NA	Water	5310 B-2011	
680-247418-5	SCH-SWC-7	Total/NA	Water	5310 B-2011	
MB 680-826724/1	Method Blank	Total/NA	Water	5310 B-2011	
LCS 680-826724/2	Lab Control Sample	Total/NA	Water	5310 B-2011	
LCSD 680-826724/3	Lab Control Sample Dup	Total/NA	Water	5310 B-2011	
680-247418-1 DU	SCH-SWA-1	Total/NA	Water	5310 B-2011	

QC Association Summary

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

Job ID: 680-247418-1

General Chemistry

Analysis Batch: 827086

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247418-1	SCH-SWA-1	Total/NA	Water	410.4-1993 R2.0	
680-247418-2	SCH-SWA-3	Total/NA	Water	410.4-1993 R2.0	
680-247418-5	SCH-SWC-7	Total/NA	Water	410.4-1993 R2.0	
MB 680-827086/3	Method Blank	Total/NA	Water	410.4-1993 R2.0	
LCS 680-827086/4	Lab Control Sample	Total/NA	Water	410.4-1993 R2.0	
680-247137-F-2 MS	Matrix Spike	Total/NA	Water	410.4-1993 R2.0	
680-247137-F-2 MSD	Matrix Spike Duplicate	Total/NA	Water	410.4-1993 R2.0	



Lab Chronicle

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

Job ID: 680-247418-1

Client Sample ID: SCH-SWA-1

Lab Sample ID: 680-247418-1

Date Collected: 02/29/24 09:06

Matrix: Water

Date Received: 03/02/24 09:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		2			79726	03/08/24 18:41	YGS	EET ORL
Instrument ID: IC_002										
Total Recoverable	Prep	3005A			25 mL	125 mL	825595	03/04/24 06:05	RR	EET SAV
Total Recoverable	Analysis	6020B		1			825774	03/04/24 13:09	BWR	EET SAV
Instrument ID: ICPMSD										
Total Recoverable	Prep	3005A			25 mL	125 mL	825595	03/04/24 06:05	RR	EET SAV
Total Recoverable	Analysis	6020B		1			825991	03/05/24 09:23	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	825852	03/05/24 11:18	BCB	EET SAV
Total/NA	Analysis	7470A		1			825982	03/05/24 17:33	BJB	EET SAV
Instrument ID: QuickTrace2										
Total/NA	Analysis	2320B-2011		1			825907	03/05/24 00:38	PG	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	826067	03/06/24 10:46	PG	EET SAV
Instrument ID: NOEQUIP										
Total/NA	Analysis	410.4-1993 R2.0		1	2 mL	2 mL	827086	03/12/24 11:31	AF	EET SAV
Instrument ID: SPC7										
Total/NA	Prep	Distill/CN			6 mL	6 mL	825817	03/05/24 08:48	JAS	EET SAV
Total/NA	Analysis	4500 CN E-2011		1			825910	03/05/24 12:51	JAS	EET SAV
Instrument ID: SEAL 3										
Total/NA	Analysis	5310 B-2011		1	40 mL	40 mL	826724	03/08/24 21:06	NVF	EET SAV
Instrument ID: TOC7										

Client Sample ID: SCH-SWA-3

Lab Sample ID: 680-247418-2

Date Collected: 02/29/24 12:10

Matrix: Water

Date Received: 03/02/24 09:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		2			79726	03/08/24 18:56	YGS	EET ORL
Instrument ID: IC_002										
Total Recoverable	Prep	3005A			25 mL	125 mL	825592	03/04/24 06:05	RR	EET SAV
Total Recoverable	Analysis	6020B		1			825774	03/04/24 16:34	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	825852	03/05/24 11:18	BCB	EET SAV
Total/NA	Analysis	7470A		1			825982	03/05/24 17:20	BJB	EET SAV
Instrument ID: QuickTrace2										
Total/NA	Analysis	2320B-2011		1			825907	03/05/24 00:55	PG	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	826067	03/06/24 10:46	PG	EET SAV
Instrument ID: NOEQUIP										
Total/NA	Analysis	410.4-1993 R2.0		1	2 mL	2 mL	827086	03/12/24 11:31	AF	EET SAV
Instrument ID: SPC7										
Total/NA	Prep	Distill/CN			6 mL	6 mL	825817	03/05/24 08:48	JAS	EET SAV
Total/NA	Analysis	4500 CN E-2011		1			825910	03/05/24 12:53	JAS	EET SAV
Instrument ID: SEAL 3										

Eurofins Savannah

Lab Chronicle

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

Job ID: 680-247418-1

Client Sample ID: SCH-SWA-3

Lab Sample ID: 680-247418-2

Date Collected: 02/29/24 12:10

Matrix: Water

Date Received: 03/02/24 09:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	5310 B-2011		1	40 mL	40 mL	826724	03/08/24 21:40	NVF	EET SAV

Client Sample ID: SCH-SWC-4

Lab Sample ID: 680-247418-3

Date Collected: 02/29/24 13:04

Matrix: Water

Date Received: 03/02/24 09:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		2			79273	03/07/24 00:42	BR	EET ORL
Instrument ID: IC_004										
Total Recoverable	Prep	3005A			25 mL	125 mL	825592	03/04/24 06:05	RR	EET SAV
Total Recoverable	Analysis	6020B		1			825774	03/04/24 16:31	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	825852	03/05/24 11:18	BCB	EET SAV
Total/NA	Analysis	7470A		1			825982	03/05/24 17:24	BJB	EET SAV
Instrument ID: QuickTrace2										
Total/NA	Analysis	2320B-2011		1			825907	03/05/24 01:04	PG	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	826067	03/06/24 10:46	PG	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-SWC-6

Lab Sample ID: 680-247418-4

Date Collected: 02/29/24 10:55

Matrix: Water

Date Received: 03/02/24 09:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			79273	03/07/24 00:58	BR	EET ORL
Instrument ID: IC_004										
Total Recoverable	Prep	3005A			25 mL	125 mL	825592	03/04/24 06:05	RR	EET SAV
Total Recoverable	Analysis	6020B		1			825774	03/04/24 16:28	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	825852	03/05/24 11:18	BCB	EET SAV
Total/NA	Analysis	7470A		1			825982	03/05/24 17:14	BJB	EET SAV
Instrument ID: QuickTrace2										
Total/NA	Analysis	2320B-2011		1			825907	03/05/24 02:09	PG	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	826067	03/06/24 10:46	PG	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-SWC-7

Lab Sample ID: 680-247418-5

Date Collected: 02/29/24 11:14

Matrix: Water

Date Received: 03/02/24 09:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		2			79726	03/08/24 19:11	YGS	EET ORL
Instrument ID: IC_002										

Eurofins Savannah

Lab Chronicle

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

Job ID: 680-247418-1

Client Sample ID: SCH-SWC-7

Lab Sample ID: 680-247418-5

Date Collected: 02/29/24 11:14

Matrix: Water

Date Received: 03/02/24 09:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			25 mL	125 mL	825592	03/04/24 06:05	RR	EET SAV
Total Recoverable	Analysis	6020B		1			825774	03/04/24 16:26	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	825852	03/05/24 11:18	BCB	EET SAV
Total/NA	Analysis	7470A		1			825982	03/05/24 17:18	BJB	EET SAV
Instrument ID: QuickTrace2										
Total/NA	Analysis	2320B-2011		1			825907	03/05/24 01:12	PG	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	826067	03/06/24 10:46	PG	EET SAV
Instrument ID: NOEQUIP										
Total/NA	Analysis	410.4-1993 R2.0		1	2 mL	2 mL	827086	03/12/24 11:31	AF	EET SAV
Instrument ID: SPC7										
Total/NA	Prep	Distill/CN			6 mL	6 mL	825817	03/05/24 08:48	JAS	EET SAV
Total/NA	Analysis	4500 CN E-2011		1			825910	03/05/24 12:59	JAS	EET SAV
Instrument ID: SEAL 3										
Total/NA	Analysis	5310 B-2011		1	40 mL	40 mL	826724	03/08/24 21:58	NVF	EET SAV
Instrument ID: TOC7										

Client Sample ID: SCH-SWC-8

Lab Sample ID: 680-247418-6

Date Collected: 02/29/24 12:38

Matrix: Water

Date Received: 03/02/24 09:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		2			79273	03/07/24 01:15	BR	EET ORL
Instrument ID: IC_004										
Total Recoverable	Prep	3005A			25 mL	125 mL	825592	03/04/24 06:05	RR	EET SAV
Total Recoverable	Analysis	6020B		1			825774	03/04/24 16:17	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	825852	03/05/24 11:18	BCB	EET SAV
Total/NA	Analysis	7470A		1			825982	03/05/24 17:02	BJB	EET SAV
Instrument ID: QuickTrace2										
Total/NA	Analysis	2320B-2011		1			825907	03/04/24 23:16	PG	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	826067	03/06/24 10:46	PG	EET SAV
Instrument ID: NOEQUIP										

Laboratory References:

EET ORL = Eurofins Orlando, 481 Newburyport Avenue, Altamonte Springs, FL 32701, TEL (407)339-5984

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

Accreditation/Certification Summary

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

Job ID: 680-247418-1

Laboratory: Eurofins Savannah

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

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87052	06-30-24
Georgia	State	E87052	06-30-24

Laboratory: Eurofins Orlando

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

Authority	Program	Identification Number	Expiration Date
Alabama	State	42800	06-30-24
Arkansas (DW)	State	FL00091	06-30-24
Florida	NELAP	E83018	06-30-24
Georgia (DW)	State	C055	06-30-24
Louisiana (All)	NELAP	239316	06-30-24
Louisiana (DW)	State	LA039	05-24-24
Mississippi	State	MS00007	06-30-24
New Mexico	State	FL00091	06-30-24
North Carolina (DW)	State	12712	07-31-24
Oklahoma	State	2308	08-31-24
Tennessee	State	TN04930	06-30-24
Texas	NELAP	T104704571	02-28-25
Washington	State	C1089	10-19-24

Method Summary

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

Job ID: 680-247418-1

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	EPA	EET ORL
6020B	Metals (ICP/MS)	SW846	EET SAV
7470A	Mercury (CVAA)	SW846	EET SAV
2320B-2011	Alkalinity, Total	SM	EET SAV
2540C-2011	Total Dissolved Solids (Dried at 180 °C)	SM	EET SAV
410.4-1993 R2.0	COD	MCAWW	EET SAV
4500 CN E-2011	Cyanide, Total: Colorimetric Method	SM	EET SAV
5310 B-2011	Organic Carbon, Total (TOC)	SM	EET SAV
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET SAV
7470A	Preparation, Mercury	SW846	EET SAV
Distill/CN	Distillation, Cyanide	None	EET SAV

Protocol References:

EPA = US Environmental Protection Agency

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

None = None

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

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

Laboratory References:

EET ORL = Eurofins Orlando, 481 Newburyport Avenue, Altamonte Springs, FL 32701, TEL (407)339-5984

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

Eurofins Savannah

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

Chain of Custody Record

244-ATLANTA

eurofins | Environment Testing

Client Information		Sampler(s): Mark Mann		Lab PM / Phone: David Fuller / 770-344-8986		Carrier Tracking No(s):		COC No:																							
Client Contact: Joju Abraham		Site-Project Manager / Phone: Dawn Prell / 248-536-5445		E-Mail: David.Fuller@et.eurofinsus.com		State of Origin: GA		Page: Page 1 of 1																							
Company: Southern Company						Analysis Requested		Job #:																							
Address: 241 Ralph McGill Blvd SE B10185		Due Date Requested:						Preservation Codes:																							
City: Atlanta		TAT Requested (days): 2 weeks						A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA																							
State, Zip: GA, 30308		Compliance Project: Δ Yes Δ No						M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Y - Trizma Z - other (specify)																							
Phone:		Lab Project #: (DO NOT REMOVE) 68027798						Other:																							
Email: JAbraham@southernco.com		Lab PO #: GPC82130-0006 / PO Line #3 & #4						Task Code: SCH-CSURF-ASSMT-2024S1																							
Project Name: Plant Scherer Surface Water		Project #:						Special Instructions/Notes:																							
Site:																															
Sample Identification		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)		Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		300_ORGFM_28D - Chloride, Fluoride, Sulfate		2540C - Solids, Total Dissolved (TDS)		6020B - App III, State (15) Metals + Cations (Mg, K, Na)		7470A - Mercury		2320B - Alkalinity, Total, Carb/Bicarb		410.4 - Chemical Oxygen Demand		4500_CN_E - Cyanide, Total		6310C - TOC		Total Number of containers	
						Preservation Code:		X X		N N		X X		X X		X X		X X		X X		X X		X X		X X		X X		X X	
SCH-SWA-1		2/29/24		9:06		G WS		N N		X X		X X		X X		X X		X X		X X		X X		X X		X X		X X		8	
SCH-SWA-3		2/29/24		12:10		G WS		N N		X X		X X		X X		X X		X X		X X		X X		X X		X X		X X		8	
SCH-SWC-4		2/29/24		13:04		G WS		N N		X X		X X		X X		X X		X X		X X		X X		X X		X X		X X		4	
SCH-SWC-6		2/29/24		10:55		G WS		N N		X X		X X		X X		X X		X X		X X		X X		X X		X X		X X		4	
SCH-SWC-7		2/29/24		11:14		G WS		N N		X X		X X		X X		X X		X X		X X		X X		X X		X X		X X		8	
SCH-SWC-8		2/29/24		12:38		G WS		N N		X X		X X		X X		X X		X X		X X		X X		X X		X X		X X		4	



Possible Hazard Identification
 Non-Hazard Ammable Solvent Poison B Flammable Radiological

Sample Disposal (A fee may be assessed if sa.)
 Return To Client Disposal By Lab _____ Months

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

Special Instructions/QC Requirements:

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

Relinquished by: MARK MANN	Date/Time: 03/01/24 1443	Company: WSP	Received by: [Signature]	Date/Time: 3/11/24 1443	Company: Carot
Relinquished by: [Signature]	Date/Time: 3/11/24 16:00	Company: Carot	Received by: [Signature]	Date/Time: 3/22/24 0947	Company: [Blank]
Relinquished by: [Signature]	Date/Time:	Company:	Received by: [Signature]	Date/Time:	Company:

Custody Seals Intact: Δ Yes Δ No Custody Seal No.: _____

Cooler Temperature(s) °C and Other Remarks:
2.4/2.9

Eurofins Savannah

5102 LaRoche Avenue
Savannah, GA 31404
Phone: 912-354-7858 Fax: 912-352-0165

Chain of Custody Record



Environment Testing

Client Information (Sub Contract Lab)		Sampler: Fuller, David		Lab PM Fuller, David		Carrier Tracking No(s):		COC No: 680-765327.1			
Client Contact: Shipping/Receiving		Phone:		E-Mail: David.Fuller@et.eurofinsus.com		State of Origin: Georgia		Page Page 1 of 1			
Company: Eurofins Environment Testing Southeast,				Accreditations Required (See note): NELAP - Florida; State - Georgia				Job # 680-247418-1			
Address: 481 Newburyport Avenue,		Due Date Requested: 3/14/2024		Analysis Requested						Preservation Codes: A - HCL M - Hexane B - NaOH N - None C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2S2O3 G - Amchlor S - H2SO4 H - Ascorbic Acid T - TSP Dodecahydrate I - Ice U - Acetone J - DI Water V - MCAA K - EDTA W - pH 4-5 L - EDA Y - Trizma Z - other (specify)	
City: Altamonte Springs		TAT Requested (days):									
State, Zip FL, 32701		PO #									
Phone: 407-339-5984(Tel) 407-260-6110(Fax)		WO #									
Email:		Project # 68027798									
Project Name: Plant Scherer Surface Water		SSOW#		Field Filtered (Sample (Yes or No))		Perform MS/MSD (Yes or No)		Total Number of Containers			
Site:		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)		Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)		Special Instructions/Note:	
Sample Identification - Client ID (Lab ID)		Preservation Code:									
SCH-SWC-4 (680-247418-3)		2/29/24		13:04 Eastern		Water		X		1	
SCH-SWC-6 (680-247418-4)		2/29/24		10:55 Eastern		Water		X		1	
SCH-SWC-8 (680-247418-6)		2/29/24		12:38 Eastern		Water		X		1	
Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, LLC.											
Possible Hazard Identification						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)					
Unconfirmed						<input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months					
Deliverable Requested: I, II, III, IV, Other (specify)				Primary Deliverable Rank: 2		Special Instructions/QC Requirements:					
Empty Kit Relinquished by:				Date:		Time:		Method of Shipment:			
Relinquished by:		Date/Time:		Company:		Received by: <i>BB</i>		Date/Time: <i>3/16 9/15</i>		Company:	
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:		Company:	
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:		Company:	
Custody Seals Intact: Δ Yes Δ No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: <i>1/1</i>							

Eurofins Savannah

5102 LaRoche Avenue
Savannah, GA 31404
Phone: 912-354-7858 Fax: 912-352-0165

Chain of Custody Record



Environment Testing

Client Information (Sub Contract Lab)			Sampler:		Lab PM: Fuller, David		Carrier Tracking No(s):		COC No: 680-765559.1					
Client Contact: Shipping/Receiving			Phone:		E-Mail: David.Fuller@et.eurofinsus.com		State of Origin: Georgia		Page: Page 1 of 1					
Company: Eurofins Environment Testing Southeast,			Address: 481 Newburyport Avenue,		Accreditations Required (See note): NELAP - Florida; State - Georgia		Job #: 680-247418-1		Preservation Codes:					
City: Altamonte Springs			TAT Requested (days):		Analysis Requested						A - HCL		M - Hexane	
State, Zip: FL, 32701			PO #:								B - NaOH		N - None	
Phone: 407-339-5984(Tel) 407-260-6110(Fax)			WO #:								C - Zn Acetate		O - AsNaO2	
Email:			Project #: 68027798								D - Nitric Acid		P - Na2O4S	
Project Name: Plant Scherer Surface Water			SSOW#:		E - NaHSO4		Q - Na2SO3		R - Na2S2O3		S - H2SO4			
Site:			Sample Date		Sample Time		Sample Type (C=comp, G=grab)		Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)		T - TSP Dodecahydrate		U - Acetone	
Sample Identification - Client ID (Lab ID)			Sample Date		Sample Time		Sample Type (C=comp, G=grab)		Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)		V - MCAA		W - pH 4-5	
SCH-SWA-1 (680-247418-1)			2/29/24		09:06 Eastern		Water		Water		X		Y - Trizma	
SCH-SWA-3 (680-247418-2)			2/29/24		12:10 Eastern		Water		Water		X		Z - other (specify)	
SCH-SWC-7 (680-247418-5)			2/29/24		11:14 Eastern		Water		Water		X			
Special Instructions/Note:														
<p>Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, LLC.</p>														
Possible Hazard Identification						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)								
Unconfirmed						<input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months								
Deliverable Requested: I, II, III, IV, Other (specify)				Primary Deliverable Rank: 2		Special Instructions/QC Requirements:								
Empty Kit Relinquished by:			Date:		Time:		Method of Shipment:							
Relinquished by: <i>[Signature]</i>			Date/Time: 3/7/24 1800		Company:		Received by: <i>[Signature]</i>		Date/Time: 3-8-24 0920		Company:			
Relinquished by:			Date/Time:		Company:		Received by:		Date/Time:		Company:			
Relinquished by:			Date/Time:		Company:		Received by:		Date/Time:		Company:			
Custody Seals Intact: Δ Yes Δ No		Custody Seal No.:				Cooler Temperature(s) °C and Other Remarks: 2.2 / 2.2								



Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-247418-1

Login Number: 247418

List Number: 1

Creator: Stewart, Rendaisha

List Source: Eurofins Savannah

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



Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-247418-1

Login Number: 247418

List Number: 2

Creator: Beck, Brent

List Source: Eurofins Orlando

List Creation: 03/06/24 09:54 AM

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

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-247418-1

Login Number: 247418

List Number: 3

Creator: Beck, Brent

List Source: Eurofins Orlando

List Creation: 03/08/24 10:30 AM

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



ANALYTICAL REPORT

PREPARED FOR

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

Generated 3/7/2024 8:59:40 AM

JOB DESCRIPTION

CCR - Plant Scherer Effluent

JOB NUMBER

680-247420-1

Eurofins Savannah

Job Notes

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

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

Authorization



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

Generated
3/7/2024 8:59:40 AM

Definitions/Glossary

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

Job ID: 680-247420-1

Qualifiers

Metals

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

Glossary

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

Sample Summary

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

Job ID: 680-247420-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-247420-1	SCH-FGD-EFFLUENT	Water	02/29/24 09:40	03/02/24 09:41

1

2

3

4

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12

Case Narrative

Client: Southern Company
Project: CCR - Plant Scherer Effluent

Job ID: 680-247420-1

Job ID: 680-247420-1

Eurofins Savannah

Job Narrative 680-247420-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

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

Receipt

The sample was received on 3/2/2024 9:41 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.4°C.

Receipt Exceptions

The Client Sample ID and matrix, listed on the Chain of Custody (COC) for this submittal, did not match the updated EQulS database ID and matrix designation. Per client request, it was changed to SCH-FGD-EFFLUENT and WL.

Metals

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

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Client Sample Results

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

Job ID: 680-247420-1

Client Sample ID: SCH-FGD-EFFLUENT

Lab Sample ID: 680-247420-1

Date Collected: 02/29/24 09:40

Matrix: Water

Date Received: 03/02/24 09:41

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.00067	J	0.0020	0.00034	mg/L		03/04/24 06:05	03/04/24 16:14	1
Arsenic	0.0068		0.0010	0.00086	mg/L		03/04/24 06:05	03/04/24 16:14	1
Barium	0.034		0.010	0.00089	mg/L		03/04/24 06:05	03/04/24 16:14	1
Beryllium	0.00020	J	0.0025	0.00020	mg/L		03/04/24 06:05	03/04/24 16:14	1
Cadmium	0.015		0.0025	0.000078	mg/L		03/04/24 06:05	03/04/24 16:14	1
Chromium	0.042		0.0020	0.0012	mg/L		03/04/24 06:05	03/04/24 16:14	1
Cobalt	0.0052		0.0025	0.00022	mg/L		03/04/24 06:05	03/04/24 16:14	1
Copper	0.020		0.0020	0.0011	mg/L		03/04/24 06:05	03/04/24 16:14	1
Lead	0.0041		0.0010	0.00021	mg/L		03/04/24 06:05	03/04/24 16:14	1
Nickel	0.095		0.0010	0.00042	mg/L		03/04/24 06:05	03/04/24 16:14	1
Selenium	0.015		0.0050	0.00099	mg/L		03/04/24 06:05	03/04/24 16:14	1
Silver	<0.00039		0.0010	0.00039	mg/L		03/04/24 06:05	03/04/24 16:14	1
Thallium	<0.00026		0.0010	0.00026	mg/L		03/04/24 06:05	03/04/24 16:14	1
Vanadium	0.017		0.0020	0.00063	mg/L		03/04/24 06:05	03/04/24 16:14	1
Zinc	0.56		0.0050	0.0028	mg/L		03/04/24 06:05	03/04/24 16:14	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0086		0.0010	0.00040	mg/L		03/05/24 11:18	03/06/24 08:43	5

QC Sample Results

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

Job ID: 680-247420-1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 680-825592/1-A
Matrix: Water
Analysis Batch: 825774

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 825592

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		03/04/24 06:05	03/04/24 15:17	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		03/04/24 06:05	03/04/24 15:17	1
Barium	<0.00089		0.010	0.00089	mg/L		03/04/24 06:05	03/04/24 15:17	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		03/04/24 06:05	03/04/24 15:17	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		03/04/24 06:05	03/04/24 15:17	1
Chromium	<0.0012		0.0020	0.0012	mg/L		03/04/24 06:05	03/04/24 15:17	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		03/04/24 06:05	03/04/24 15:17	1
Copper	<0.0011		0.0020	0.0011	mg/L		03/04/24 06:05	03/04/24 15:17	1
Lead	<0.00021		0.0010	0.00021	mg/L		03/04/24 06:05	03/04/24 15:17	1
Nickel	<0.00042		0.0010	0.00042	mg/L		03/04/24 06:05	03/04/24 15:17	1
Selenium	<0.00099		0.0050	0.00099	mg/L		03/04/24 06:05	03/04/24 15:17	1
Silver	<0.00039		0.0010	0.00039	mg/L		03/04/24 06:05	03/04/24 15:17	1
Thallium	<0.00026		0.0010	0.00026	mg/L		03/04/24 06:05	03/04/24 15:17	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		03/04/24 06:05	03/04/24 15:17	1
Zinc	<0.0028		0.0050	0.0028	mg/L		03/04/24 06:05	03/04/24 15:17	1

Lab Sample ID: LCS 680-825592/2-A
Matrix: Water
Analysis Batch: 825774

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 825592

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0512		mg/L		102	80 - 120
Arsenic	0.100	0.100		mg/L		100	80 - 120
Barium	0.100	0.101		mg/L		101	80 - 120
Beryllium	0.0500	0.0531		mg/L		106	80 - 120
Cadmium	0.0500	0.0524		mg/L		105	80 - 120
Chromium	0.100	0.101		mg/L		100	80 - 120
Cobalt	0.0500	0.0529		mg/L		106	80 - 120
Copper	0.101	0.109		mg/L		108	80 - 120
Lead	0.500	0.489		mg/L		98	80 - 120
Nickel	0.100	0.105		mg/L		105	80 - 120
Selenium	0.100	0.0942		mg/L		94	80 - 120
Silver	0.0500	0.0516		mg/L		103	80 - 120
Thallium	0.0500	0.0520		mg/L		104	80 - 120
Vanadium	0.100	0.106		mg/L		106	80 - 120
Zinc	0.0505	0.0506		mg/L		100	80 - 120

Lab Sample ID: 680-247427-B-17-B MS
Matrix: Water
Analysis Batch: 825774

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 825592

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.00034		0.0500	0.0514		mg/L		103	75 - 125
Arsenic	<0.00086		0.100	0.0968		mg/L		97	75 - 125
Barium	0.048		0.100	0.154		mg/L		106	75 - 125
Beryllium	<0.00020		0.0500	0.0524		mg/L		105	75 - 125
Cadmium	<0.000078		0.0500	0.0489		mg/L		98	75 - 125
Chromium	0.014		0.100	0.117		mg/L		103	75 - 125
Cobalt	<0.00022		0.0500	0.0525		mg/L		105	75 - 125

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QC Sample Results

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

Job ID: 680-247420-1

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

Lab Sample ID: 680-247427-B-17-B MS
Matrix: Water
Analysis Batch: 825774

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 825592

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Copper	<0.0011		0.101	0.109		mg/L		108	75 - 125
Lead	0.00028	J	0.500	0.484		mg/L		97	75 - 125
Nickel	0.00096	J	0.100	0.103		mg/L		102	75 - 125
Selenium	<0.00099		0.100	0.0916		mg/L		92	75 - 125
Silver	<0.00039		0.0500	0.0509		mg/L		102	75 - 125
Thallium	<0.00026		0.0500	0.0533		mg/L		107	75 - 125
Vanadium	0.018		0.100	0.121		mg/L		103	75 - 125
Zinc	0.0040	J	0.0505	0.0495		mg/L		90	75 - 125

Lab Sample ID: 680-247427-B-17-C MSD
Matrix: Water
Analysis Batch: 825774

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 825592

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.00034		0.0500	0.0509		mg/L		102	75 - 125	1	20
Arsenic	<0.00086		0.100	0.0984		mg/L		98	75 - 125	2	20
Barium	0.048		0.100	0.147		mg/L		99	75 - 125	4	20
Beryllium	<0.00020		0.0500	0.0523		mg/L		105	75 - 125	0	20
Cadmium	<0.000078		0.0500	0.0524		mg/L		105	75 - 125	7	20
Chromium	0.014		0.100	0.117		mg/L		103	75 - 125	0	20
Cobalt	<0.00022		0.0500	0.0522		mg/L		104	75 - 125	1	20
Copper	<0.0011		0.101	0.109		mg/L		108	75 - 125	0	20
Lead	0.00028	J	0.500	0.483		mg/L		97	75 - 125	0	20
Nickel	0.00096	J	0.100	0.103		mg/L		102	75 - 125	0	20
Selenium	<0.00099		0.100	0.0934		mg/L		93	75 - 125	2	20
Silver	<0.00039		0.0500	0.0520		mg/L		104	75 - 125	2	20
Thallium	<0.00026		0.0500	0.0521		mg/L		104	75 - 125	2	20
Vanadium	0.018		0.100	0.123		mg/L		105	75 - 125	2	20
Zinc	0.0040	J	0.0505	0.0510		mg/L		93	75 - 125	3	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 680-825852/1-A
Matrix: Water
Analysis Batch: 825982

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 825852

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/05/24 11:18	03/05/24 16:58	1

Lab Sample ID: LCS 680-825852/2-A
Matrix: Water
Analysis Batch: 825982

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 825852

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00250	0.00252		mg/L		101	80 - 120

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QC Sample Results

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

Job ID: 680-247420-1

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

Lab Sample ID: 680-247418-B-6-D MS
Matrix: Water
Analysis Batch: 825982

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 825852

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Mercury	<0.000080		0.00100	0.000980		mg/L		98	80 - 120

Lab Sample ID: 680-247418-B-6-E MSD
Matrix: Water
Analysis Batch: 825982

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 825852

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Mercury	<0.000080		0.00100	0.000979		mg/L		98	80 - 120	0	20

QC Association Summary

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

Job ID: 680-247420-1

Metals

Prep Batch: 825592

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247420-1	SCH-FGD-EFFLUENT	Total Recoverable	Water	3005A	
MB 680-825592/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-825592/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
680-247427-B-17-B MS	Matrix Spike	Total Recoverable	Water	3005A	
680-247427-B-17-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Analysis Batch: 825774

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247420-1	SCH-FGD-EFFLUENT	Total Recoverable	Water	6020B	825592
MB 680-825592/1-A	Method Blank	Total Recoverable	Water	6020B	825592
LCS 680-825592/2-A	Lab Control Sample	Total Recoverable	Water	6020B	825592
680-247427-B-17-B MS	Matrix Spike	Total Recoverable	Water	6020B	825592
680-247427-B-17-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	825592

Prep Batch: 825852

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247420-1	SCH-FGD-EFFLUENT	Total/NA	Water	7470A	
MB 680-825852/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-825852/2-A	Lab Control Sample	Total/NA	Water	7470A	
680-247418-B-6-D MS	Matrix Spike	Total/NA	Water	7470A	
680-247418-B-6-E MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 825982

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 680-825852/1-A	Method Blank	Total/NA	Water	7470A	825852
LCS 680-825852/2-A	Lab Control Sample	Total/NA	Water	7470A	825852
680-247418-B-6-D MS	Matrix Spike	Total/NA	Water	7470A	825852
680-247418-B-6-E MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	825852

Analysis Batch: 826126

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247420-1	SCH-FGD-EFFLUENT	Total/NA	Water	7470A	825852

Lab Chronicle

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

Job ID: 680-247420-1

Client Sample ID: SCH-FGD-EFFLUENT

Lab Sample ID: 680-247420-1

Date Collected: 02/29/24 09:40

Matrix: Water

Date Received: 03/02/24 09:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			25 mL	125 mL	825592	03/04/24 06:05	RR	EET SAV
Total Recoverable	Analysis	6020B		1			825774	03/04/24 16:14	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	825852	03/05/24 11:18	BCB	EET SAV
Total/NA	Analysis	7470A		5			826126	03/06/24 08:43	BJB	EET SAV
Instrument ID: QuickTrace2										

Laboratory References:

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

Accreditation/Certification Summary

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

Job ID: 680-247420-1

Laboratory: Eurofins Savannah

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

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87052	06-30-24
Georgia	State	E87052	06-30-24

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Method Summary

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

Job ID: 680-247420-1

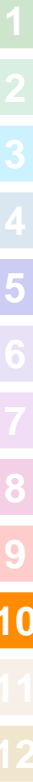
Method	Method Description	Protocol	Laboratory
6020B	Metals (ICP/MS)	SW846	EET SAV
7470A	Mercury (CVAA)	SW846	EET SAV
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET SAV
7470A	Preparation, Mercury	SW846	EET SAV

Protocol References:

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

Laboratory References:

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



Client Information					Sampler(s): Mark Mann			Lab PM / Phone: David Fuller / 770-344-8986			Carrier Tracking No(s):			COC No:																					
Client Contact: Joju Abraham					Site-Project Manager / Phone: Dawn Prell / 248-536-5445			E-Mail: David.Fuller@et.eurofinsus.com			State of Origin: GA			Page: Page 1 of 1																					
Company: Southern Company					Analysis Requested											Job #:																			
Address: 241 Ralph McGill Blvd SE B10185					Due Date Requested:			<table border="1" style="width:100%; height: 100%; border-collapse: collapse;"> <tr> <td colspan="2">TAT Requested (days): 2 weeks</td> <td colspan="1" rowspan="5" style="writing-mode: vertical-rl; transform: rotate(180deg);">Field Filtered Sample (Yes or No)</td> <td colspan="1" rowspan="5" style="writing-mode: vertical-rl; transform: rotate(180deg);">Perform MS/MSD (Yes or No)</td> <td colspan="1" rowspan="5" style="writing-mode: vertical-rl; transform: rotate(180deg);">6020B - State (15) Metals</td> <td colspan="1" rowspan="5" style="writing-mode: vertical-rl; transform: rotate(180deg);">7470A - Mercury</td> <td colspan="1" rowspan="5" style="writing-mode: vertical-rl; transform: rotate(180deg);">Total Number of containers</td> <td colspan="1" rowspan="5" style="text-align: center;">Task Code: SCH-CCR-ASSMT-2024S1</td> <td colspan="1" rowspan="5" style="text-align: center;">Special Instructions/Notes:</td> </tr> <tr> <td colspan="2">Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No</td> </tr> <tr> <td colspan="2">Lab Project #: (DO NOT REMOVE) 68027798</td> </tr> <tr> <td colspan="2">Lab PO #: GPC82130-0006 / PO Line #3 & #4</td> </tr> <tr> <td colspan="2">Project #:</td> </tr> </table>											TAT Requested (days): 2 weeks		Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B - State (15) Metals	7470A - Mercury	Total Number of containers	Task Code: SCH-CCR-ASSMT-2024S1	Special Instructions/Notes:	Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No		Lab Project #: (DO NOT REMOVE) 68027798		Lab PO #: GPC82130-0006 / PO Line #3 & #4		Project #:	
TAT Requested (days): 2 weeks		Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B - State (15) Metals	7470A - Mercury	Total Number of containers	Task Code: SCH-CCR-ASSMT-2024S1												Special Instructions/Notes:																
Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No																																			
Lab Project #: (DO NOT REMOVE) 68027798																																			
Lab PO #: GPC82130-0006 / PO Line #3 & #4																																			
Project #:																																			
City: Atlanta					TAT Requested (days): 2 weeks			Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B - State (15) Metals	7470A - Mercury	Total Number of containers	Task Code: SCH-CCR-ASSMT-2024S1	Special Instructions/Notes:																					
State, Zip: GA, 30308					Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No																														
Phone:					Lab Project #: (DO NOT REMOVE) 68027798																														
Email: JAbraham@southernco.com					Lab PO #: GPC82130-0006 / PO Line #3 & #4																														
Project Name: CCR - Plant Scherer Effluent					Project #:																														
Site:								Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B - State (15) Metals	7470A - Mercury	Total Number of containers	Task Code: SCH-CCR-ASSMT-2024S1	Special Instructions/Notes:																					

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (Wwast, Solid, Owwast/oll, ST+Tissue, AAir)	Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		6020B - State (15) Metals		7470A - Mercury		Total Number of containers	Special Instructions/Notes:
					Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B - State (15) Metals	7470A - Mercury						
SCH-Effluent	02.29.24	9:40	G	WW	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					1	Collected from Unit 1



Possible Hazard Identification					Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)				
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological					<input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months				
Deliverable Requested: I, II, III, IV, Other (specify)					Special Instructions/QC Requirements:				
Empty Kit Relinquished by:			Date:		Time:		Method of Shipment:		
Relinquished by: MARK MANN / [Signature]			Date/Time: 03/01/24 14:43		Company: WSP		Received by: [Signature]		
Relinquished by: [Signature]			Date/Time: 3/1/24 14:45		Company: Eurofins		Received by: [Signature]		
Relinquished by: [Signature]			Date/Time: 3/1/24 09:41		Company: Eurofins		Received by: [Signature]		
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:			Cooler Temperature(s) °C and Other Remarks: 27/24				



Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-247420-1

Login Number: 247420

List Source: Eurofins Savannah

List Number: 1

Creator: Stewart, Rendaisha

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

APPENDIX B

**Analytical Results
May 2024**



ANALYTICAL REPORT

PREPARED FOR

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

Generated 5/17/2024 4:04:50 PM

JOB DESCRIPTION

CCR - Plant Scherer Cell 1

JOB NUMBER

680-250622-1

Eurofins Savannah

Job Notes

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

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

Authorization



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

Generated
5/17/2024 4:04:50 PM

Definitions/Glossary

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

Job ID: 680-250622-1

Qualifiers

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.

Glossary

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

Sample Summary

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

Job ID: 680-250622-1

<u>Lab Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Collected</u>	<u>Received</u>
680-250622-2	SCH-GWC-14	Water	05/07/24 16:20	05/11/24 09:28
680-250622-4	SCH-GWC-7	Water	05/07/24 11:00	05/11/24 09:28

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Case Narrative

Client: Southern Company
Project: CCR - Plant Scherer Cell 1

Job ID: 680-250622-1

Job ID: 680-250622-1

Eurofins Savannah

Job Narrative 680-250622-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

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

Receipt

The samples were received on 5/11/2024 9:28 AM. Unless otherwise noted below, the samples arrived in good condition. The temperature of the cooler at receipt time was 11.3°C.

Receipt Exceptions

Due to a delay in delivery of the samples by FedEx, sample testing was cancelled by the client except for those to be tested for metals only.

Metals

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

Eurofins Savannah

Client Sample Results

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

Job ID: 680-250622-1

Client Sample ID: SCH-GWC-14

Lab Sample ID: 680-250622-2

Date Collected: 05/07/24 16:20

Matrix: Water

Date Received: 05/11/24 09:28

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	<0.00042		0.0010	0.00042	mg/L		05/12/24 10:12	05/13/24 23:57	1
Zinc	<0.0028		0.0050	0.0028	mg/L		05/12/24 10:12	05/13/24 23:57	1

Client Sample ID: SCH-GWC-7

Lab Sample ID: 680-250622-4

Date Collected: 05/07/24 11:00

Matrix: Water

Date Received: 05/11/24 09:28

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	17		0.50	0.14	mg/L		05/12/24 10:12	05/13/24 23:08	1

QC Sample Results

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

Job ID: 680-250622-1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 680-837601/1-A
Matrix: Water
Analysis Batch: 837814

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 837601

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Calcium	<0.14		0.50	0.14	mg/L		05/12/24 10:12	05/13/24 22:08	1
Nickel	<0.00042		0.0010	0.00042	mg/L		05/12/24 10:12	05/13/24 22:08	1
Zinc	<0.0028		0.0050	0.0028	mg/L		05/12/24 10:12	05/13/24 22:08	1

Lab Sample ID: LCS 680-837601/2-A
Matrix: Water
Analysis Batch: 837814

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 837601

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nickel	0.100	0.105		mg/L		105	80 - 120
Zinc	0.0505	0.0537		mg/L		106	80 - 120

Lab Sample ID: 400-255735-G-12-B MS
Matrix: Water
Analysis Batch: 837814

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 837601

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nickel	0.010		0.100	0.121		mg/L		111	75 - 125
Zinc	0.0043	J	0.0505	0.0575		mg/L		105	75 - 125

Lab Sample ID: 400-255735-G-12-C MSD
Matrix: Water
Analysis Batch: 837814

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 837601

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nickel	0.010		0.100	0.120		mg/L		110	75 - 125	1	20
Zinc	0.0043	J	0.0505	0.0564		mg/L		103	75 - 125	2	20

QC Association Summary

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

Job ID: 680-250622-1

Metals

Prep Batch: 837601

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-250622-2	SCH-GWC-14	Total Recoverable	Water	3005A	
680-250622-4	SCH-GWC-7	Total Recoverable	Water	3005A	
MB 680-837601/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-837601/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
400-255735-G-12-B MS	Matrix Spike	Total Recoverable	Water	3005A	
400-255735-G-12-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Analysis Batch: 837814

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-250622-2	SCH-GWC-14	Total Recoverable	Water	6020B	837601
680-250622-4	SCH-GWC-7	Total Recoverable	Water	6020B	837601
MB 680-837601/1-A	Method Blank	Total Recoverable	Water	6020B	837601
LCS 680-837601/2-A	Lab Control Sample	Total Recoverable	Water	6020B	837601
400-255735-G-12-B MS	Matrix Spike	Total Recoverable	Water	6020B	837601
400-255735-G-12-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	837601

Lab Chronicle

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

Job ID: 680-250622-1

Client Sample ID: SCH-GWC-14

Lab Sample ID: 680-250622-2

Date Collected: 05/07/24 16:20

Matrix: Water

Date Received: 05/11/24 09:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			25 mL	125 mL	837601	05/12/24 10:12	RR	EET SAV
Total Recoverable	Analysis	6020B		1			837814	05/13/24 23:57	BWR	EET SAV

Instrument ID: ICPMSC

Client Sample ID: SCH-GWC-7

Lab Sample ID: 680-250622-4

Date Collected: 05/07/24 11:00

Matrix: Water

Date Received: 05/11/24 09:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			25 mL	125 mL	837601	05/12/24 10:12	RR	EET SAV
Total Recoverable	Analysis	6020B		1			837814	05/13/24 23:08	BWR	EET SAV

Instrument ID: ICPMSC

Laboratory References:

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

Accreditation/Certification Summary

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

Job ID: 680-250622-1

Laboratory: Eurofins Savannah

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

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87052	06-30-24
Georgia	State	E87052	06-30-24

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Method Summary

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

Job ID: 680-250622-1

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

Protocol References:

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

Laboratory References:

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

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

Chain of Custody Record



Environment Testing

Client Information	Sampler(s): Dana Bloomfield/Tom Keller	Lab PM / Phone: David Fuller / 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Site-Project Manager / Phone: Dawn Prell / 248-536-5445	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: GA	Page: Page 1 of 1

Company: Southern Company	Analysis Requested			Job #:
------------------------------	---------------------------	--	--	--------

Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:	<table border="1"> <tr><td>Field Filtered Sample (Yes or No)</td></tr> <tr><td>Perform MS/MSD (Yes or No)</td></tr> <tr><td>300_ORGFM_28D - Sulfate</td></tr> <tr><td>6020B - Nickel</td></tr> <tr><td>6020B - Nickel & Zinc</td></tr> <tr><td>6020B - Calcium</td></tr> <tr><td>300_ORGFM_28D - Chloride</td></tr> <tr><td>6020B - Calcium, Nickel & Zinc</td></tr> <tr><td>300_ORGFM_28D - Chloride & Sulfate</td></tr> </table>	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Sulfate	6020B - Nickel	6020B - Nickel & Zinc	6020B - Calcium	300_ORGFM_28D - Chloride	6020B - Calcium, Nickel & Zinc	300_ORGFM_28D - Chloride & Sulfate	<table border="1"> <tr><td>Total Number of containers</td></tr> </table>	Total Number of containers	Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2SO3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Y - Trizma Z - other (specify)
Field Filtered Sample (Yes or No)														
Perform MS/MSD (Yes or No)														
300_ORGFM_28D - Sulfate														
6020B - Nickel														
6020B - Nickel & Zinc														
6020B - Calcium														
300_ORGFM_28D - Chloride														
6020B - Calcium, Nickel & Zinc														
300_ORGFM_28D - Chloride & Sulfate														
Total Number of containers														
City: Atlanta	TAT Requested (days): 2 weeks													
State, Zip: GA, 30308	Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No													
Phone:	Lab Project #: (DO NOT REMOVE) 68027798													
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0006 / PO Line #3													

Project Name: CCR - Plant Scherer Cell 1	Project #:	Task Code: SCH-CCR-ASSMT-2024S1R1	Task Code: SCH-CCR-ASSMT-2024S1
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Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=biotope, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Sulfate	6020B - Nickel	6020B - Nickel & Zinc	6020B - Calcium	300_ORGFM_28D - Chloride	6020B - Calcium, Nickel & Zinc	300_ORGFM_28D - Chloride & Sulfate	Total Number of containers	Special Instructions/Notes:
SCH-GWC-10	5/7/24	13:54	G	WG	N	N	X	X						2	
SCH-GWC-14	5/7/24	16:20	G	WG	N	N			X					1	
SCH-GWC-6	5/7/24	14:46	G	WG	N	N	X			X				2	
SCH-GWC-7	5/7/24	11:00	G	WG	N	N				X				1	
SCH-GWC-4	5/7/24	10:12	G	WG	N	N					X			1	
SCH-GWC-3	5/8/24	12:36	G	WG	N	N	X							1	
SCH-CELL1-FD-1	5/7/24	--	G	WG	N	N	X	X						2	
SCH-CELL1-FB-2	5/7/24	15:00	G	WQ	N	N					X	X		2	
SCH-CELL1-EB-3	5/7/24	16:35	G	WQ	N	N					X	X		2	

Possible Hazard Identification <input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological	Sample Disposal (A fee may be assessed if sam) <input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab	
---	---	--

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

Special Instructions/QC Requirements: 680-250622 Chain of Custody

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by: <i>[Signature]</i>	Date/Time: 5/10/24 1111	Company: WSP	Received by: <i>[Signature]</i>
Relinquished by: <i>[Signature]</i>	Date/Time: 5/9 1111	Company:	Date/Time: 5/9 1111
Relinquished by: <i>[Signature]</i>	Date/Time:	Company:	Date/Time: 5/11/24 0928

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-250622-1

Login Number: 250622

List Source: Eurofins Savannah

List Number: 1

Creator: Stewart, Rendaisha

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



ANALYTICAL REPORT

PREPARED FOR

Attn: Joju Abraham
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308
Generated 6/3/2024 5:13:21 PM

JOB DESCRIPTION

CCR - Plant Scherer Cell 1

JOB NUMBER

680-251059-1

Eurofins Savannah

Job Notes

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

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

Authorization



Generated
6/3/2024 5:13:21 PM

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

Definitions/Glossary

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

Job ID: 680-251059-1

Qualifiers

HPLC/IC

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

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.

Glossary

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

Sample Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-251059-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-251059-1	SCH-GWC-4	Water	05/20/24 15:19	05/21/24 15:38
680-251059-2	SCH-GWC-6	Water	05/20/24 14:20	05/21/24 15:38
680-251059-3	SCH-GWC-10	Water	05/20/24 12:57	05/21/24 15:38
680-251059-4	SCH-CELL1-FD-1	Water	05/20/24 00:00	05/21/24 15:38
680-251059-5	SCH-CELL1-FB-2	Water	05/20/24 14:25	05/21/24 15:38
680-251059-6	SCH-CELL1-EB-3	Water	05/20/24 08:00	05/21/24 15:38
680-251059-7	SCH-GWC-3	Water	05/20/24 16:22	05/21/24 15:38

- 1
- 2
- 3
- 4
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- 10
- 11
- 12

Case Narrative

Client: Southern Company
Project: CCR - Plant Scherer Cell 1

Job ID: 680-251059-1

Job ID: 680-251059-1

Eurofins Savannah

Job Narrative 680-251059-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

- Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Receipt

The samples were received on 5/21/2024 3:38 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.1°C.

HPLC/IC

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 680-840652 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-251059-1

Client Sample ID: SCH-GWC-4

Lab Sample ID: 680-251059-1

Date Collected: 05/20/24 15:19

Matrix: Water

Date Received: 05/21/24 15:38

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	28		2.0	0.40	mg/L			06/01/24 15:30	2

Client Sample ID: SCH-GWC-6

Lab Sample ID: 680-251059-2

Date Collected: 05/20/24 14:20

Matrix: Water

Date Received: 05/21/24 15:38

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	18		1.0	0.40	mg/L			06/01/24 15:37	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	14		0.50	0.14	mg/L		05/22/24 08:57	05/25/24 10:10	1

Client Sample ID: SCH-GWC-10

Lab Sample ID: 680-251059-3

Date Collected: 05/20/24 12:57

Matrix: Water

Date Received: 05/21/24 15:38

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	3.9		1.0	0.40	mg/L			06/01/24 15:43	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	0.0016		0.0010	0.00042	mg/L		05/22/24 08:57	05/25/24 10:12	1

Client Sample ID: SCH-CELL1-FD-1

Lab Sample ID: 680-251059-4

Date Collected: 05/20/24 00:00

Matrix: Water

Date Received: 05/21/24 15:38

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	3.9		1.0	0.40	mg/L			06/01/24 15:50	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	18		0.50	0.14	mg/L		05/22/24 08:57	05/25/24 10:14	1
Nickel	0.0017		0.0010	0.00042	mg/L		05/22/24 08:57	05/25/24 10:14	1

Client Sample ID: SCH-CELL1-FB-2

Lab Sample ID: 680-251059-5

Date Collected: 05/20/24 14:25

Matrix: Water

Date Received: 05/21/24 15:38

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	3.9	F1	1.0	0.40	mg/L			06/01/24 15:56	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	<0.14		0.50	0.14	mg/L		05/22/24 08:57	05/25/24 10:16	1
Nickel	<0.00042		0.0010	0.00042	mg/L		05/22/24 08:57	05/25/24 10:16	1

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Client Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-251059-1

Client Sample ID: SCH-CELL1-EB-3

Lab Sample ID: 680-251059-6

Date Collected: 05/20/24 08:00

Matrix: Water

Date Received: 05/21/24 15:38

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	0.84	J	1.0	0.40	mg/L			06/01/24 16:16	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	<0.14		0.50	0.14	mg/L		05/22/24 08:57	05/25/24 10:22	1
Nickel	<0.00042		0.0010	0.00042	mg/L		05/22/24 08:57	05/25/24 10:22	1

Client Sample ID: SCH-GWC-3

Lab Sample ID: 680-251059-7

Date Collected: 05/20/24 16:22

Matrix: Water

Date Received: 05/21/24 15:38

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	0.64	J	1.0	0.40	mg/L			06/01/24 16:22	1

QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-251059-1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography

Lab Sample ID: MB 680-840652/2
Matrix: Water
Analysis Batch: 840652

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.20		1.0	0.20	mg/L			06/01/24 13:40	1
Sulfate	<0.40		1.0	0.40	mg/L			06/01/24 13:40	1

Lab Sample ID: LCS 680-840652/3
Matrix: Water
Analysis Batch: 840652

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.5		mg/L		105	90 - 110
Sulfate	10.0	10.6		mg/L		106	90 - 110

Lab Sample ID: LCSD 680-840652/4
Matrix: Water
Analysis Batch: 840652

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	10.4		mg/L		104	90 - 110	0	15
Sulfate	10.0	10.5		mg/L		105	90 - 110	1	15

Lab Sample ID: 680-251059-5 MS
Matrix: Water
Analysis Batch: 840652

Client Sample ID: SCH-CELL1-FB-2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	4.4	F1	10.0	10.5	F1	mg/L		61	80 - 120
Sulfate	3.9	F1	10.0	10.4	F1	mg/L		65	80 - 120

Lab Sample ID: 680-251059-5 MSD
Matrix: Water
Analysis Batch: 840652

Client Sample ID: SCH-CELL1-FB-2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	4.4	F1	10.0	10.5	F1	mg/L		60	80 - 120	0	15
Sulfate	3.9	F1	10.0	10.4	F1	mg/L		64	80 - 120	1	15

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 680-839176/1-A
Matrix: Water
Analysis Batch: 839863

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 839176

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	<0.14		0.50	0.14	mg/L		05/22/24 08:57	05/25/24 09:35	1
Nickel	<0.00042		0.0010	0.00042	mg/L		05/22/24 08:57	05/25/24 09:35	1

QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-251059-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 680-839176/2-A
Matrix: Water
Analysis Batch: 839863

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 839176

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec	
							Limits	
Calcium	5.00	5.09		mg/L		102	80 - 120	
Nickel	0.100	0.103		mg/L		103	80 - 120	

Lab Sample ID: 680-251033-A-1-B MS
Matrix: Water
Analysis Batch: 839863

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 839176

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec	
									Limits	
Calcium	50		5.00	50.6	4	mg/L		8	75 - 125	
Nickel	0.0022		0.100	0.100		mg/L		98	75 - 125	

Lab Sample ID: 680-251033-B-1-A MSD
Matrix: Water
Analysis Batch: 839863

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 839176

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec		RPD	
									Limits		RPD	Limit
Calcium	50		5.00	52.6	4	mg/L		47	75 - 125		4	20
Nickel	0.0022		0.100	0.0971		mg/L		95	75 - 125		3	20

QC Association Summary

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-251059-1

HPLC/IC

Analysis Batch: 840652

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-251059-1	SCH-GWC-4	Total/NA	Water	300.0-1993 R2.1	
680-251059-2	SCH-GWC-6	Total/NA	Water	300.0-1993 R2.1	
680-251059-3	SCH-GWC-10	Total/NA	Water	300.0-1993 R2.1	
680-251059-4	SCH-CELL1-FD-1	Total/NA	Water	300.0-1993 R2.1	
680-251059-5	SCH-CELL1-FB-2	Total/NA	Water	300.0-1993 R2.1	
680-251059-6	SCH-CELL1-EB-3	Total/NA	Water	300.0-1993 R2.1	
680-251059-7	SCH-GWC-3	Total/NA	Water	300.0-1993 R2.1	
MB 680-840652/2	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-840652/3	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCS 680-840652/4	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
680-251059-5 MS	SCH-CELL1-FB-2	Total/NA	Water	300.0-1993 R2.1	
680-251059-5 MSD	SCH-CELL1-FB-2	Total/NA	Water	300.0-1993 R2.1	

Metals

Prep Batch: 839176

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-251059-2	SCH-GWC-6	Total Recoverable	Water	3005A	
680-251059-3	SCH-GWC-10	Total Recoverable	Water	3005A	
680-251059-4	SCH-CELL1-FD-1	Total Recoverable	Water	3005A	
680-251059-5	SCH-CELL1-FB-2	Total Recoverable	Water	3005A	
680-251059-6	SCH-CELL1-EB-3	Total Recoverable	Water	3005A	
MB 680-839176/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-839176/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
680-251033-A-1-B MS	Matrix Spike	Total Recoverable	Water	3005A	
680-251033-B-1-A MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Analysis Batch: 839863

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-251059-2	SCH-GWC-6	Total Recoverable	Water	6020B	839176
680-251059-3	SCH-GWC-10	Total Recoverable	Water	6020B	839176
680-251059-4	SCH-CELL1-FD-1	Total Recoverable	Water	6020B	839176
680-251059-5	SCH-CELL1-FB-2	Total Recoverable	Water	6020B	839176
680-251059-6	SCH-CELL1-EB-3	Total Recoverable	Water	6020B	839176
MB 680-839176/1-A	Method Blank	Total Recoverable	Water	6020B	839176
LCS 680-839176/2-A	Lab Control Sample	Total Recoverable	Water	6020B	839176
680-251033-A-1-B MS	Matrix Spike	Total Recoverable	Water	6020B	839176
680-251033-B-1-A MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	839176

Lab Chronicle

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-251059-1

Client Sample ID: SCH-GWC-4

Lab Sample ID: 680-251059-1

Date Collected: 05/20/24 15:19

Matrix: Water

Date Received: 05/21/24 15:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		2	2 mL	2 mL	840652	06/01/24 15:30	AF	EET SAV
Instrument ID: CICR										

Client Sample ID: SCH-GWC-6

Lab Sample ID: 680-251059-2

Date Collected: 05/20/24 14:20

Matrix: Water

Date Received: 05/21/24 15:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	2 mL	2 mL	840652	06/01/24 15:37	AF	EET SAV
Instrument ID: CICR										
Total Recoverable	Prep	3005A			25 mL	125 mL	839176	05/22/24 08:57	RR	EET SAV
Total Recoverable	Analysis	6020B		1			839863	05/25/24 10:10	BJB	EET SAV
Instrument ID: ICPMSD										

Client Sample ID: SCH-GWC-10

Lab Sample ID: 680-251059-3

Date Collected: 05/20/24 12:57

Matrix: Water

Date Received: 05/21/24 15:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	2 mL	2 mL	840652	06/01/24 15:43	AF	EET SAV
Instrument ID: CICR										
Total Recoverable	Prep	3005A			25 mL	125 mL	839176	05/22/24 08:57	RR	EET SAV
Total Recoverable	Analysis	6020B		1			839863	05/25/24 10:12	BJB	EET SAV
Instrument ID: ICPMSD										

Client Sample ID: SCH-CELL1-FD-1

Lab Sample ID: 680-251059-4

Date Collected: 05/20/24 00:00

Matrix: Water

Date Received: 05/21/24 15:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	2 mL	2 mL	840652	06/01/24 15:50	AF	EET SAV
Instrument ID: CICR										
Total Recoverable	Prep	3005A			25 mL	125 mL	839176	05/22/24 08:57	RR	EET SAV
Total Recoverable	Analysis	6020B		1			839863	05/25/24 10:14	BJB	EET SAV
Instrument ID: ICPMSD										

Client Sample ID: SCH-CELL1-FB-2

Lab Sample ID: 680-251059-5

Date Collected: 05/20/24 14:25

Matrix: Water

Date Received: 05/21/24 15:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	2 mL	2 mL	840652	06/01/24 15:56	AF	EET SAV
Instrument ID: CICR										
Total Recoverable	Prep	3005A			25 mL	125 mL	839176	05/22/24 08:57	RR	EET SAV
Total Recoverable	Analysis	6020B		1			839863	05/25/24 10:16	BJB	EET SAV
Instrument ID: ICPMSD										

Eurofins Savannah

Lab Chronicle

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-251059-1

Client Sample ID: SCH-CELL1-EB-3

Lab Sample ID: 680-251059-6

Date Collected: 05/20/24 08:00

Matrix: Water

Date Received: 05/21/24 15:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	2 mL	2 mL	840652	06/01/24 16:16	AF	EET SAV
Instrument ID: CICR										
Total Recoverable	Prep	3005A			25 mL	125 mL	839176	05/22/24 08:57	RR	EET SAV
Total Recoverable	Analysis	6020B		1			839863	05/25/24 10:22	BJB	EET SAV
Instrument ID: ICPMSD										

Client Sample ID: SCH-GWC-3

Lab Sample ID: 680-251059-7

Date Collected: 05/20/24 16:22

Matrix: Water

Date Received: 05/21/24 15:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	2 mL	2 mL	840652	06/01/24 16:22	AF	EET SAV
Instrument ID: CICR										

Laboratory References:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Accreditation/Certification Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-251059-1

Laboratory: Eurofins Savannah

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87052	06-30-24
Georgia	State	E87052	06-30-24

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Method Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-251059-1

Method	Method Description	Protocol	Laboratory
300.0-1993 R2.1	Anions, Ion Chromatography	MCAWW	EET SAV
6020B	Metals (ICP/MS)	SW846	EET SAV
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET SAV

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.


Laboratory References:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858



5102 LaRoche Avenue
Savannah, GA 31404
Phone (912) 354-7858 Phone (912) 352-0165

Chain of Custody Record

Client Information				Sampler(s): Tom Keller		Lab PM / Phone: David Fuller / 770-344-8986		Carrier Tracking No(s):		COC No:								
Client Contact: Joju Abraham				Site-Project Manager / Phone: Dawn Prell / 248-536-5445		E-Mail: David.Fuller@et.eurofinsus.com		State of Origin: GA		Page: Page 1 of 1								
Company: Southern Company				Analysis Requested								Job #:						
Address: 241 Ralph McGill Blvd SE B10185				Due Date Requested: 2 weeks								Preservation Codes: A - HCL M - Hexane B - NaOH N - None C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2S2O3 G - Amchlor S - H2SO4 H - Ascorbic Acid T - TSP Dodecahydrate I - Ice U - Acetone J - DI Water V - MCAA K - EDTA W - pH 4-5 L - EDA Y - Trizma Z - other (specify)						
City: Atlanta				TAT Requested (days):														
State, Zip: GA, 30308				Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No														
Phone:				Lab Project #: (DO NOT REMOVE) 68027798														
Email: JAbraham@southernco.com				Lab PO #: GPC82130-0006 / PO Line #3														
Project Name: CCR - Plant Scherer Cell 1				Project #:														
Site:				Task Code: SCH-CCR-ASSMT-2024S1R2								Task Code: SCH-CCR-ASSMT-2024S1R2 Special Instructions/Notes:						
Sample Identification				Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	MATRIX (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Sulfate	6020B - Nickel	6020B - Nickel & Zinc	6020B - Calcium	300_ORGFM_28D - Chloride	6020B - Calcium, Nickel & Zinc	300_ORGFM_28D - Chloride & Sulfate	6020B - Metals	Total Number of containers
								<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N	D	D	D	N	D	N		
SCH-GWC-4				5/20/24	15:19	G	WG	N	N					X				
SCH-GWC-6				5/20/24	14:20	G	WG	N	N	X			X					
SCH-GWC-10				5/20/24	12:57	G	WG	N	N	X	X							
SCH-CELL1-FD-1				5/20/24	--	G	WG	N	N	X						X		
SCH-CELL1-FB-2				5/20/24	14:25	G	WQ	N	N	X						X		
SCH-CELL1-EB-3				5/20/24	08:00	G	WQ	N	N	X						X		
SCH-GWC-3				5/20/24	16:22	G	WG	N	N	X								
Possible Hazard Identification				Sample Disposal (A fee may be assessed if s								680-251059 Chain of Custody 						
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological				<input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Law <input type="checkbox"/> Archive For _____ Months														
Deliverable Requested: I, II, III, IV, Other (specify)				Special Instructions/QC Requirements:														
Empty Kit Relinquished by:				Date:		Time:		Method of Shipment:										
Relinquished by: Tom Keller				Date/Time: 5-20-24 / 19:15		Company: WSP		Received by: Chris Tidwell				Date/Time: 5-20-24 / 19:15		Company: WSP				
Relinquished by:				Date/Time: 5-21-24 / 10:33		Company: WSP		Received by: Ron Berger				Date/Time: 5-21-24 / 10:33		Company: Courier Now				
Relinquished by:				Date/Time:		Company:		Received by:				Date/Time: 5/21/24 / 1538		Company:				
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No				Custody Seal No.:		Page 15 of 16								Cooler Temperature(s) °C and Other Remarks: CTD 10/106/3/2024				

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-251059-1

Login Number: 251059

List Number: 1

Creator: Sims, Robert D

List Source: Eurofins Savannah

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



ANALYTICAL REPORT

PREPARED FOR

Attn: Joju Abraham
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308
Generated 6/3/2024 5:18:31 PM

JOB DESCRIPTION

CCR - Plant Scherer PAC Ash Cell

JOB NUMBER

680-251060-1

Eurofins Savannah

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization



Generated
6/3/2024 5:18:31 PM

Authorized for release by
David Fuller, Project Manager
David.Fuller@et.eurofinsus.com
(770)344-8986

Definitions/Glossary

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-251060-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
▫	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Sample Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-251060-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-251060-1	SCH-GWC-53	Water	05/20/24 10:48	05/21/24 15:38

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Case Narrative

Client: Southern Company
Project: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-251060-1

Job ID: 680-251060-1

Eurofins Savannah

Job Narrative 680-251060-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

- Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Receipt

The sample was received on 5/21/2024 3:38 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.1°C.

HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Savannah

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-251060-1

Client Sample ID: SCH-GWC-53

Lab Sample ID: 680-251060-1

Date Collected: 05/20/24 10:48

Matrix: Water

Date Received: 05/21/24 15:38

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13		5.0	1.0	mg/L			05/31/24 20:43	5

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- 2
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QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-251060-1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography

Lab Sample ID: MB 680-840534/33
Matrix: Water
Analysis Batch: 840534

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.20		1.0	0.20	mg/L			05/31/24 15:48	1

Lab Sample ID: LCS 680-840534/34
Matrix: Water
Analysis Batch: 840534

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.4		mg/L		104	90 - 110

Lab Sample ID: LCSD 680-840534/35
Matrix: Water
Analysis Batch: 840534

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	10.3		mg/L		103	90 - 110	1	15

Lab Sample ID: 680-251033-G-1 MS
Matrix: Water
Analysis Batch: 840534

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	28		50.0	77.3		mg/L		98	80 - 120

Lab Sample ID: 680-251033-G-1 MSD
Matrix: Water
Analysis Batch: 840534

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	28		50.0	77.7		mg/L		99	80 - 120	1	15

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-251060-1

HPLC/IC

Analysis Batch: 840534

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-251060-1	SCH-GWC-53	Total/NA	Water	300.0-1993 R2.1	
MB 680-840534/33	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-840534/34	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-840534/35	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
680-251033-G-1 MS	Matrix Spike	Total/NA	Water	300.0-1993 R2.1	
680-251033-G-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0-1993 R2.1	



Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-251060-1

Client Sample ID: SCH-GWC-53

Lab Sample ID: 680-251060-1

Date Collected: 05/20/24 10:48

Matrix: Water

Date Received: 05/21/24 15:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		5	2 mL	2 mL	840534	05/31/24 20:43	AF	EET SAV
Instrument ID: CICR										

Laboratory References:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858



Accreditation/Certification Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-251060-1

Laboratory: Eurofins Savannah

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87052	06-30-24
Georgia	State	E87052	06-30-24

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Method Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-251060-1

Method	Method Description	Protocol	Laboratory
300.0-1993 R2.1	Anions, Ion Chromatography	MCAWW	EET SAV

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

Laboratory References:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858



Chain of Custody Record

Client Information	Sampler(s): Tom Keller	Lab PM / Phone: David Fuller / 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Site-Project Manager / Phone: Dawn Prell / 248-536-5445	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: GA	Page: Page 1 of 1

Company: Southern Company	Analysis Requested
-------------------------------------	---------------------------

Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:	Field Filtered Sample (Yes or No) Perform MS/MSD (Yes or No) 300_ORGFM_28D - Chloride	Total Number of containers	Preservation Codes: A - HCL M - Hexane B - NaOH N - None C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2S2O3 G - Amchlor S - H2SO4 H - Ascorbic Acid T - TSP Dodecahydrate I - Ice U - Acetone J - DI Water V - MCAA K - EDTA W - pH 4-5 L - EDA Y - Trizma Z - other (specify)
City: Atlanta	TAT Requested (days): <p align="center">2 weeks</p>			
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone:	Lab Project #: (DO NOT REMOVE) 68027798			
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0006 / PO Line #4			
Project Name: CCR - Plant Scherer PAC Ash Cell	Project #:	Task Code: SCH-CCR-ASSMT-2024S1R2		
Site:	Task Code:	Other:		

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=tissue, A=Ak)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride	Total Number of containers	Special Instructions/Notes:
					X				
SCH-GWC-53	5/20/24	10:48	G	WG	N	N	X	1	



Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify)	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by: Tom Keller	Date/Time: 5-20-24 19:15	Company: WSP	Received by: Tom Keller Date/Time: 5-20-24 19:15 Company: WSP
Relinquished by: Chris Tidwell	Date/Time: 5-21-24 10:33	Company: WSP	Received by: Ren Kengale Date/Time: 5-21-24 10:33 Company: Corner Now
Relinquished by:	Date/Time:	Company:	Received by: Date/Time: 5-20-24 1538 Company: n

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Page 12 of 13	Cooler Temperature(s) °C and Other Remarks: 10/11	6/3/2024
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Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-251060-1

Login Number: 251060

List Number: 1

Creator: Sims, Robert D

List Source: Eurofins Savannah

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



APPENDIX B

**Analytical Results
July-August 2024**

 **ANALYTICAL REPORT****PREPARED FOR**

Attn: Joju Abraham
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Generated 8/19/2024 3:27:19 PM

JOB DESCRIPTION

CCR - Plant Scherer Cell 1

JOB NUMBER

680-254310-1

Eurofins Savannah

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization



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8/19/2024 3:27:19 PM

Authorized for release by
David Fuller, Project Manager
David.Fuller@et.eurofinsus.com
(770)344-8986

Definitions/Glossary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-254310-1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
E	Result exceeded calibration range.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

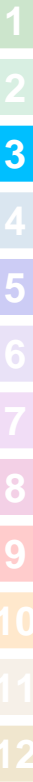
Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Sample Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-254310-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-254310-1	SCH-GWC-1	Water	08/06/24 14:45	08/07/24 11:30
680-254310-2	SCH-GWC-2	Water	08/06/24 13:16	08/07/24 11:30
680-254310-3	SCH-CELL1-FB-6	Water	08/06/24 12:00	08/07/24 11:30
680-254310-4	SCH-CELL1-FD-6	Water	08/06/24 00:00	08/07/24 11:30
680-254310-5	SCH-GWC-5	Water	08/06/24 10:17	08/07/24 11:30
680-254310-6	SCH-GWC-7	Water	08/06/24 09:11	08/07/24 11:30
680-254310-7	SCH-GWC-20	Water	08/06/24 14:05	08/07/24 11:30
680-254310-8	SCH-CELL1-EB-5	Water	08/06/24 12:05	08/07/24 11:30
680-254310-9	SCH-GWC-9	Water	08/06/24 13:36	08/07/24 11:30
680-254310-10	SCH-CELL1-FB-5	Water	08/06/24 14:02	08/07/24 11:30
680-254310-11	SCH-GWC-10	Water	08/06/24 12:35	08/07/24 11:30
680-254310-12	SCH-GWC-11	Water	08/06/24 11:45	08/07/24 11:30
680-254310-13	SCH-CELL1-FD-5	Water	08/06/24 00:00	08/07/24 11:30
680-254310-14	SCH-GWC-12	Water	08/06/24 10:39	08/07/24 11:30
680-254310-15	SCH-GWC-13	Water	08/06/24 09:40	08/07/24 11:30
680-254310-16	SCH-GWA-15	Water	08/06/24 15:47	08/07/24 11:30
680-254310-17	SCH-GWA-16	Water	08/06/24 15:10	08/07/24 11:30
680-254310-18	SCH-GWA-17	Water	08/06/24 12:55	08/07/24 11:30
680-254310-19	SCH-GWC-18	Water	08/06/24 15:40	08/07/24 11:30
680-254310-20	SCH-GWC-19	Water	08/06/24 14:48	08/07/24 11:30
680-254310-21	SCH-GWC-8A	Water	08/06/24 12:19	08/07/24 11:30



Case Narrative

Client: Southern Company
Project: CCR - Plant Scherer Cell 1

Job ID: 680-254310-1

Job ID: 680-254310-1

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Job Narrative 680-254310-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Receipt

The samples were received on 8/7/2024 11:30 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 4 coolers at receipt time were 1.8°C, 2.8°C, 3.4°C and 3.6°C.

HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry

Method 2540C: A lesser volume of sample was used for the following samples due to the nature of the sample matrix resulting in elevated reporting limits: SCH-GWC-5 (680-254310-5), SCH-GWC-9 (680-254310-9), SCH-GWC-10 (680-254310-11) and SCH-GWC-8A (680-254310-21).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-254310-1

Client Sample ID: SCH-GWC-1

Lab Sample ID: 680-254310-1

Date Collected: 08/06/24 14:45

Matrix: Water

Date Received: 08/07/24 11:30

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.5		1.0	0.20	mg/L			08/15/24 17:01	1
Fluoride	0.079	J	0.10	0.040	mg/L			08/15/24 17:01	1
Sulfate	<0.40		1.0	0.40	mg/L			08/15/24 17:01	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		08/08/24 05:59	08/08/24 16:17	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		08/08/24 05:59	08/08/24 16:17	1
Barium	0.051		0.010	0.00089	mg/L		08/08/24 05:59	08/08/24 16:17	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		08/08/24 05:59	08/08/24 16:17	1
Boron	<0.022		0.080	0.022	mg/L		08/08/24 05:59	08/09/24 16:15	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		08/08/24 05:59	08/08/24 16:17	1
Calcium	18		0.50	0.14	mg/L		08/08/24 05:59	08/08/24 16:17	1
Chromium	0.016		0.0020	0.0012	mg/L		08/08/24 05:59	08/08/24 16:17	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		08/08/24 05:59	08/08/24 16:17	1
Copper	<0.0011		0.0020	0.0011	mg/L		08/08/24 05:59	08/08/24 16:17	1
Lead	<0.00021		0.0010	0.00021	mg/L		08/08/24 05:59	08/08/24 16:17	1
Magnesium	9.5		0.50	0.023	mg/L		08/08/24 05:59	08/08/24 16:17	1
Nickel	0.00059	J	0.0010	0.00042	mg/L		08/08/24 05:59	08/08/24 16:17	1
Potassium	0.91		0.50	0.044	mg/L		08/08/24 05:59	08/08/24 16:17	1
Selenium	<0.00099		0.0050	0.00099	mg/L		08/08/24 05:59	08/08/24 16:17	1
Silver	<0.00039		0.0010	0.00039	mg/L		08/08/24 05:59	08/08/24 16:17	1
Sodium	9.9		0.50	0.20	mg/L		08/08/24 05:59	08/08/24 16:17	1
Thallium	<0.00026		0.0010	0.00026	mg/L		08/08/24 05:59	08/08/24 16:17	1
Vanadium	0.019		0.0020	0.00063	mg/L		08/08/24 05:59	08/08/24 16:17	1
Zinc	<0.0028		0.0050	0.0028	mg/L		08/08/24 05:59	08/08/24 16:17	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		08/12/24 15:18	08/13/24 12:30	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	97		5.0	2.2	mg/L			08/09/24 14:05	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	97		5.0	5.0	mg/L			08/09/24 14:05	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			08/09/24 14:05	1
Total Dissolved Solids (SM 2540C-2011)	140		10	10	mg/L			08/12/24 07:41	1

Client Sample ID: SCH-GWC-2

Lab Sample ID: 680-254310-2

Date Collected: 08/06/24 13:16

Matrix: Water

Date Received: 08/07/24 11:30

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.2		1.0	0.20	mg/L			08/15/24 18:25	1
Fluoride	0.049	J	0.10	0.040	mg/L			08/15/24 18:25	1
Sulfate	0.43	J	1.0	0.40	mg/L			08/15/24 18:25	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-254310-1

Client Sample ID: SCH-GWC-2

Lab Sample ID: 680-254310-2

Date Collected: 08/06/24 13:16

Matrix: Water

Date Received: 08/07/24 11:30

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		08/08/24 05:54	08/08/24 16:14	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		08/08/24 05:54	08/08/24 16:14	1
Barium	0.052		0.010	0.00089	mg/L		08/08/24 05:54	08/08/24 16:14	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		08/08/24 05:54	08/08/24 16:14	1
Boron	<0.022		0.080	0.022	mg/L		08/08/24 05:54	08/09/24 16:12	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		08/08/24 05:54	08/08/24 16:14	1
Calcium	19		0.50	0.14	mg/L		08/08/24 05:54	08/08/24 16:14	1
Chromium	0.012		0.0020	0.0012	mg/L		08/08/24 05:54	08/08/24 16:14	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		08/08/24 05:54	08/08/24 16:14	1
Copper	<0.0011		0.0020	0.0011	mg/L		08/08/24 05:54	08/08/24 16:14	1
Lead	<0.00021		0.0010	0.00021	mg/L		08/08/24 05:54	08/08/24 16:14	1
Magnesium	8.8		0.50	0.023	mg/L		08/08/24 05:54	08/08/24 16:14	1
Nickel	0.0029		0.0010	0.00042	mg/L		08/08/24 05:54	08/08/24 16:14	1
Potassium	1.4		0.50	0.044	mg/L		08/08/24 05:54	08/08/24 16:14	1
Selenium	<0.00099		0.0050	0.00099	mg/L		08/08/24 05:54	08/08/24 16:14	1
Silver	<0.00039		0.0010	0.00039	mg/L		08/08/24 05:54	08/08/24 16:14	1
Sodium	10		0.50	0.20	mg/L		08/08/24 05:54	08/08/24 16:14	1
Thallium	<0.00026		0.0010	0.00026	mg/L		08/08/24 05:54	08/08/24 16:14	1
Vanadium	0.016		0.0020	0.00063	mg/L		08/08/24 05:54	08/08/24 16:14	1
Zinc	<0.0028		0.0050	0.0028	mg/L		08/08/24 05:54	08/08/24 16:14	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		08/12/24 15:18	08/13/24 12:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	94		5.0	2.2	mg/L			08/09/24 14:14	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	94		5.0	5.0	mg/L			08/09/24 14:14	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			08/09/24 14:14	1
Total Dissolved Solids (SM 2540C-2011)	130		10	10	mg/L			08/12/24 07:41	1

Client Sample ID: SCH-CELL1-FB-6

Lab Sample ID: 680-254310-3

Date Collected: 08/06/24 12:00

Matrix: Water

Date Received: 08/07/24 11:30

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.20		1.0	0.20	mg/L			08/15/24 18:34	1
Fluoride	<0.040		0.10	0.040	mg/L			08/15/24 18:34	1
Sulfate	<0.40		1.0	0.40	mg/L			08/15/24 18:34	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		08/08/24 05:54	08/08/24 16:11	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		08/08/24 05:54	08/08/24 16:11	1
Barium	<0.00089		0.010	0.00089	mg/L		08/08/24 05:54	08/08/24 16:11	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		08/08/24 05:54	08/08/24 16:11	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-254310-1

Client Sample ID: SCH-CELL1-FB-3

Lab Sample ID: 680-254310-3

Date Collected: 08/06/24 12:00

Matrix: Water

Date Received: 08/07/24 11:30

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.022		0.080	0.022	mg/L		08/08/24 05:54	08/09/24 16:10	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		08/08/24 05:54	08/08/24 16:11	1
Calcium	<0.14		0.50	0.14	mg/L		08/08/24 05:54	08/08/24 16:11	1
Chromium	<0.0012		0.0020	0.0012	mg/L		08/08/24 05:54	08/08/24 16:11	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		08/08/24 05:54	08/08/24 16:11	1
Copper	<0.0011		0.0020	0.0011	mg/L		08/08/24 05:54	08/08/24 16:11	1
Lead	<0.00021		0.0010	0.00021	mg/L		08/08/24 05:54	08/08/24 16:11	1
Magnesium	<0.023		0.50	0.023	mg/L		08/08/24 05:54	08/08/24 16:11	1
Nickel	<0.00042		0.0010	0.00042	mg/L		08/08/24 05:54	08/08/24 16:11	1
Potassium	<0.044		0.50	0.044	mg/L		08/08/24 05:54	08/08/24 16:11	1
Selenium	<0.00099		0.0050	0.00099	mg/L		08/08/24 05:54	08/08/24 16:11	1
Silver	<0.00039		0.0010	0.00039	mg/L		08/08/24 05:54	08/08/24 16:11	1
Sodium	<0.20		0.50	0.20	mg/L		08/08/24 05:54	08/08/24 16:11	1
Thallium	<0.00026		0.0010	0.00026	mg/L		08/08/24 05:54	08/08/24 16:11	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		08/08/24 05:54	08/08/24 16:11	1
Zinc	<0.0028		0.0050	0.0028	mg/L		08/08/24 05:54	08/08/24 16:11	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		08/12/24 15:18	08/13/24 12:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			08/09/24 14:31	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			08/09/24 14:31	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			08/09/24 14:31	1
Total Dissolved Solids (SM 2540C-2011)	51		10	10	mg/L			08/12/24 07:41	1

Client Sample ID: SCH-CELL1-FD-6

Lab Sample ID: 680-254310-4

Date Collected: 08/06/24 00:00

Matrix: Water

Date Received: 08/07/24 11:30

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.7		1.0	0.20	mg/L			08/15/24 19:04	1
Fluoride	0.040	J	0.10	0.040	mg/L			08/15/24 19:04	1
Sulfate	<0.40		1.0	0.40	mg/L			08/15/24 19:04	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		08/08/24 05:54	08/08/24 16:09	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		08/08/24 05:54	08/08/24 16:09	1
Barium	0.033		0.010	0.00089	mg/L		08/08/24 05:54	08/08/24 16:09	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		08/08/24 05:54	08/08/24 16:09	1
Boron	<0.022		0.080	0.022	mg/L		08/08/24 05:54	08/09/24 16:02	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		08/08/24 05:54	08/08/24 16:09	1
Calcium	18		0.50	0.14	mg/L		08/08/24 05:54	08/08/24 16:09	1
Chromium	0.014		0.0020	0.0012	mg/L		08/08/24 05:54	08/08/24 16:09	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-254310-1

Client Sample ID: SCH-CELL1-FD-3

Lab Sample ID: 680-254310-4

Date Collected: 08/06/24 00:00

Matrix: Water

Date Received: 08/07/24 11:30

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	<0.00022		0.0025	0.00022	mg/L		08/08/24 05:54	08/08/24 16:09	1
Copper	<0.0011		0.0020	0.0011	mg/L		08/08/24 05:54	08/08/24 16:09	1
Lead	<0.00021		0.0010	0.00021	mg/L		08/08/24 05:54	08/08/24 16:09	1
Magnesium	8.9		0.50	0.023	mg/L		08/08/24 05:54	08/08/24 16:09	1
Nickel	0.00052	J	0.0010	0.00042	mg/L		08/08/24 05:54	08/08/24 16:09	1
Potassium	1.3		0.50	0.044	mg/L		08/08/24 05:54	08/08/24 16:09	1
Selenium	<0.00099		0.0050	0.00099	mg/L		08/08/24 05:54	08/08/24 16:09	1
Silver	<0.00039		0.0010	0.00039	mg/L		08/08/24 05:54	08/08/24 16:09	1
Sodium	9.4		0.50	0.20	mg/L		08/08/24 05:54	08/08/24 16:09	1
Thallium	<0.00026		0.0010	0.00026	mg/L		08/08/24 05:54	08/08/24 16:09	1
Vanadium	0.0070		0.0020	0.00063	mg/L		08/08/24 05:54	08/08/24 16:09	1
Zinc	<0.0028		0.0050	0.0028	mg/L		08/08/24 05:54	08/08/24 16:09	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		08/12/24 15:18	08/13/24 12:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	96		5.0	2.2	mg/L			08/09/24 13:48	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	96		5.0	5.0	mg/L			08/09/24 13:48	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			08/09/24 13:48	1
Total Dissolved Solids (SM 2540C-2011)	130		10	10	mg/L			08/12/24 07:41	1

Client Sample ID: SCH-GWC-5

Lab Sample ID: 680-254310-5

Date Collected: 08/06/24 10:17

Matrix: Water

Date Received: 08/07/24 11:30

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.1		2.0	0.40	mg/L			08/15/24 19:14	2
Fluoride	<0.080		0.20	0.080	mg/L			08/15/24 19:14	2
Sulfate	73		2.0	0.80	mg/L			08/15/24 19:14	2

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		08/08/24 05:54	08/08/24 16:06	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		08/08/24 05:54	08/08/24 16:06	1
Barium	0.038		0.010	0.00089	mg/L		08/08/24 05:54	08/08/24 16:06	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		08/08/24 05:54	08/08/24 16:06	1
Boron	0.14		0.080	0.022	mg/L		08/08/24 05:54	08/09/24 15:59	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		08/08/24 05:54	08/08/24 16:06	1
Calcium	30		0.50	0.14	mg/L		08/08/24 05:54	08/08/24 16:06	1
Chromium	0.0067		0.0020	0.0012	mg/L		08/08/24 05:54	08/08/24 16:06	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		08/08/24 05:54	08/08/24 16:06	1
Copper	<0.0011		0.0020	0.0011	mg/L		08/08/24 05:54	08/08/24 16:06	1
Lead	<0.00021		0.0010	0.00021	mg/L		08/08/24 05:54	08/08/24 16:06	1
Magnesium	16		0.50	0.023	mg/L		08/08/24 05:54	08/08/24 16:06	1

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Client Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-254310-1

Client Sample ID: SCH-GWC-5

Lab Sample ID: 680-254310-5

Date Collected: 08/06/24 10:17

Matrix: Water

Date Received: 08/07/24 11:30

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	0.00046	J	0.0010	0.00042	mg/L		08/08/24 05:54	08/08/24 16:06	1
Potassium	1.1		0.50	0.044	mg/L		08/08/24 05:54	08/08/24 16:06	1
Selenium	0.0029	J	0.0050	0.00099	mg/L		08/08/24 05:54	08/08/24 16:06	1
Silver	<0.00039		0.0010	0.00039	mg/L		08/08/24 05:54	08/08/24 16:06	1
Sodium	14		0.50	0.20	mg/L		08/08/24 05:54	08/08/24 16:06	1
Thallium	<0.00026		0.0010	0.00026	mg/L		08/08/24 05:54	08/08/24 16:06	1
Vanadium	0.0023		0.0020	0.00063	mg/L		08/08/24 05:54	08/08/24 16:06	1
Zinc	<0.0028		0.0050	0.0028	mg/L		08/08/24 05:54	08/08/24 16:06	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		08/12/24 15:18	08/13/24 12:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	66		5.0	2.2	mg/L			08/09/24 14:37	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	66		5.0	5.0	mg/L			08/09/24 14:37	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			08/09/24 14:37	1
Total Dissolved Solids (SM 2540C-2011)	210		40	40	mg/L			08/12/24 15:41	1

Client Sample ID: SCH-GWC-7

Lab Sample ID: 680-254310-6

Date Collected: 08/06/24 09:11

Matrix: Water

Date Received: 08/07/24 11:30

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.9		1.0	0.20	mg/L			08/15/24 19:33	1
Fluoride	0.048	J	0.10	0.040	mg/L			08/15/24 19:33	1
Sulfate	1.4		1.0	0.40	mg/L			08/15/24 19:33	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		08/08/24 05:54	08/08/24 16:03	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		08/08/24 05:54	08/08/24 16:03	1
Barium	0.039		0.010	0.00089	mg/L		08/08/24 05:54	08/08/24 16:03	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		08/08/24 05:54	08/08/24 16:03	1
Boron	<0.022		0.080	0.022	mg/L		08/08/24 05:54	08/09/24 15:56	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		08/08/24 05:54	08/08/24 16:03	1
Calcium	17		0.50	0.14	mg/L		08/08/24 05:54	08/08/24 16:03	1
Chromium	0.020		0.0020	0.0012	mg/L		08/08/24 05:54	08/08/24 16:03	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		08/08/24 05:54	08/08/24 16:03	1
Copper	<0.0011		0.0020	0.0011	mg/L		08/08/24 05:54	08/08/24 16:03	1
Lead	<0.00021		0.0010	0.00021	mg/L		08/08/24 05:54	08/08/24 16:03	1
Magnesium	8.2		0.50	0.023	mg/L		08/08/24 05:54	08/08/24 16:03	1
Nickel	<0.00042		0.0010	0.00042	mg/L		08/08/24 05:54	08/08/24 16:03	1
Potassium	1.2		0.50	0.044	mg/L		08/08/24 05:54	08/08/24 16:03	1
Selenium	<0.00099		0.0050	0.00099	mg/L		08/08/24 05:54	08/08/24 16:03	1
Silver	<0.00039		0.0010	0.00039	mg/L		08/08/24 05:54	08/08/24 16:03	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-254310-1

Client Sample ID: SCH-GWC-7

Lab Sample ID: 680-254310-6

Date Collected: 08/06/24 09:11

Matrix: Water

Date Received: 08/07/24 11:30

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	9.6		0.50	0.20	mg/L		08/08/24 05:54	08/08/24 16:03	1
Thallium	<0.00026		0.0010	0.00026	mg/L		08/08/24 05:54	08/08/24 16:03	1
Vanadium	0.013		0.0020	0.00063	mg/L		08/08/24 05:54	08/08/24 16:03	1
Zinc	<0.0028		0.0050	0.0028	mg/L		08/08/24 05:54	08/08/24 16:03	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		08/12/24 15:18	08/13/24 12:17	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	81		5.0	2.2	mg/L			08/09/24 14:23	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	81		5.0	5.0	mg/L			08/09/24 14:23	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			08/09/24 14:23	1
Total Dissolved Solids (SM 2540C-2011)	130		10	10	mg/L			08/12/24 15:41	1

Client Sample ID: SCH-GWC-20

Lab Sample ID: 680-254310-7

Date Collected: 08/06/24 14:05

Matrix: Water

Date Received: 08/07/24 11:30

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.3		1.0	0.20	mg/L			08/16/24 14:21	1
Fluoride	<0.040		0.10	0.040	mg/L			08/16/24 14:21	1
Sulfate	<0.40		1.0	0.40	mg/L			08/16/24 14:21	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		08/08/24 05:54	08/08/24 16:01	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		08/08/24 05:54	08/08/24 16:01	1
Barium	0.037		0.010	0.00089	mg/L		08/08/24 05:54	08/08/24 16:01	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		08/08/24 05:54	08/08/24 16:01	1
Boron	<0.022		0.080	0.022	mg/L		08/08/24 05:54	08/09/24 15:53	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		08/08/24 05:54	08/08/24 16:01	1
Calcium	17		0.50	0.14	mg/L		08/08/24 05:54	08/08/24 16:01	1
Chromium	0.0088		0.0020	0.0012	mg/L		08/08/24 05:54	08/08/24 16:01	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		08/08/24 05:54	08/08/24 16:01	1
Copper	<0.0011		0.0020	0.0011	mg/L		08/08/24 05:54	08/08/24 16:01	1
Lead	<0.00021		0.0010	0.00021	mg/L		08/08/24 05:54	08/08/24 16:01	1
Magnesium	7.5		0.50	0.023	mg/L		08/08/24 05:54	08/08/24 16:01	1
Nickel	<0.00042		0.0010	0.00042	mg/L		08/08/24 05:54	08/08/24 16:01	1
Potassium	1.1		0.50	0.044	mg/L		08/08/24 05:54	08/08/24 16:01	1
Selenium	<0.00099		0.0050	0.00099	mg/L		08/08/24 05:54	08/08/24 16:01	1
Silver	<0.00039		0.0010	0.00039	mg/L		08/08/24 05:54	08/08/24 16:01	1
Sodium	7.4		0.50	0.20	mg/L		08/08/24 05:54	08/08/24 16:01	1
Thallium	<0.00026		0.0010	0.00026	mg/L		08/08/24 05:54	08/08/24 16:01	1
Vanadium	0.017		0.0020	0.00063	mg/L		08/08/24 05:54	08/08/24 16:01	1
Zinc	<0.0028		0.0050	0.0028	mg/L		08/08/24 05:54	08/08/24 16:01	1

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Client Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-254310-1

Client Sample ID: SCH-GWC-20

Lab Sample ID: 680-254310-7

Date Collected: 08/06/24 14:05

Matrix: Water

Date Received: 08/07/24 11:30

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		08/12/24 15:18	08/13/24 12:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	90		5.0	2.2	mg/L			08/09/24 13:56	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	90		5.0	5.0	mg/L			08/09/24 13:56	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			08/09/24 13:56	1
Total Dissolved Solids (SM 2540C-2011)	120		10	10	mg/L			08/12/24 15:41	1

Client Sample ID: SCH-CELL1-EB-5

Lab Sample ID: 680-254310-8

Date Collected: 08/06/24 12:05

Matrix: Water

Date Received: 08/07/24 11:30

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.20		1.0	0.20	mg/L			08/15/24 19:53	1
Fluoride	<0.040		0.10	0.040	mg/L			08/15/24 19:53	1
Sulfate	<0.40		1.0	0.40	mg/L			08/15/24 19:53	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		08/08/24 05:54	08/08/24 15:52	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		08/08/24 05:54	08/08/24 15:52	1
Barium	0.0019	J	0.010	0.00089	mg/L		08/08/24 05:54	08/08/24 15:52	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		08/08/24 05:54	08/08/24 15:52	1
Boron	<0.022		0.080	0.022	mg/L		08/08/24 05:54	08/09/24 15:51	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		08/08/24 05:54	08/08/24 15:52	1
Calcium	0.30	J	0.50	0.14	mg/L		08/08/24 05:54	08/08/24 15:52	1
Chromium	<0.0012		0.0020	0.0012	mg/L		08/08/24 05:54	08/08/24 15:52	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		08/08/24 05:54	08/08/24 15:52	1
Copper	<0.0011		0.0020	0.0011	mg/L		08/08/24 05:54	08/08/24 15:52	1
Lead	<0.00021		0.0010	0.00021	mg/L		08/08/24 05:54	08/08/24 15:52	1
Magnesium	0.075	J	0.50	0.023	mg/L		08/08/24 05:54	08/08/24 15:52	1
Nickel	<0.00042		0.0010	0.00042	mg/L		08/08/24 05:54	08/08/24 15:52	1
Potassium	<0.044		0.50	0.044	mg/L		08/08/24 05:54	08/08/24 15:52	1
Selenium	<0.00099		0.0050	0.00099	mg/L		08/08/24 05:54	08/08/24 15:52	1
Silver	<0.00039		0.0010	0.00039	mg/L		08/08/24 05:54	08/08/24 15:52	1
Sodium	<0.20		0.50	0.20	mg/L		08/08/24 05:54	08/08/24 15:52	1
Thallium	<0.00026		0.0010	0.00026	mg/L		08/08/24 05:54	08/08/24 15:52	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		08/08/24 05:54	08/08/24 15:52	1
Zinc	<0.0028		0.0050	0.0028	mg/L		08/08/24 05:54	08/08/24 15:52	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		08/12/24 15:18	08/13/24 12:28	1

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Client Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-254310-1

Client Sample ID: SCH-CELL1-EB-5

Lab Sample ID: 680-254310-8

Date Collected: 08/06/24 12:05

Matrix: Water

Date Received: 08/07/24 11:30

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			08/09/24 17:11	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			08/09/24 17:11	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			08/09/24 17:11	1
Total Dissolved Solids (SM 2540C-2011)	150		10	10	mg/L			08/12/24 15:41	1

Client Sample ID: SCH-GWC-9

Lab Sample ID: 680-254310-9

Date Collected: 08/06/24 13:36

Matrix: Water

Date Received: 08/07/24 11:30

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.2		1.0	0.20	mg/L			08/15/24 20:03	1
Fluoride	0.070	J	0.10	0.040	mg/L			08/15/24 20:03	1
Sulfate	22		1.0	0.40	mg/L			08/15/24 20:03	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		08/08/24 05:54	08/08/24 15:50	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		08/08/24 05:54	08/08/24 15:50	1
Barium	0.030		0.010	0.00089	mg/L		08/08/24 05:54	08/08/24 15:50	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		08/08/24 05:54	08/08/24 15:50	1
Boron	0.12		0.080	0.022	mg/L		08/08/24 05:54	08/09/24 15:48	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		08/08/24 05:54	08/08/24 15:50	1
Calcium	22		0.50	0.14	mg/L		08/08/24 05:54	08/08/24 15:50	1
Chromium	0.0084		0.0020	0.0012	mg/L		08/08/24 05:54	08/08/24 15:50	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		08/08/24 05:54	08/08/24 15:50	1
Copper	<0.0011		0.0020	0.0011	mg/L		08/08/24 05:54	08/08/24 15:50	1
Lead	<0.00021		0.0010	0.00021	mg/L		08/08/24 05:54	08/08/24 15:50	1
Magnesium	11		0.50	0.023	mg/L		08/08/24 05:54	08/08/24 15:50	1
Nickel	0.00042	J	0.0010	0.00042	mg/L		08/08/24 05:54	08/08/24 15:50	1
Potassium	1.4		0.50	0.044	mg/L		08/08/24 05:54	08/08/24 15:50	1
Selenium	<0.00099		0.0050	0.00099	mg/L		08/08/24 05:54	08/08/24 15:50	1
Silver	<0.00039		0.0010	0.00039	mg/L		08/08/24 05:54	08/08/24 15:50	1
Sodium	9.6		0.50	0.20	mg/L		08/08/24 05:54	08/08/24 15:50	1
Thallium	<0.00026		0.0010	0.00026	mg/L		08/08/24 05:54	08/08/24 15:50	1
Vanadium	0.020		0.0020	0.00063	mg/L		08/08/24 05:54	08/08/24 15:50	1
Zinc	<0.0028		0.0050	0.0028	mg/L		08/08/24 05:54	08/08/24 15:50	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		08/12/24 15:18	08/13/24 12:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	84		5.0	2.2	mg/L			08/09/24 17:44	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	84		5.0	5.0	mg/L			08/09/24 17:44	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-254310-1

Client Sample ID: SCH-GWC-9

Lab Sample ID: 680-254310-9

Date Collected: 08/06/24 13:36

Matrix: Water

Date Received: 08/07/24 11:30

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			08/09/24 17:44	1
Total Dissolved Solids (SM 2540C-2011)	170		40	40	mg/L			08/12/24 15:41	1

Client Sample ID: SCH-CELL1-FB-5

Lab Sample ID: 680-254310-10

Date Collected: 08/06/24 14:02

Matrix: Water

Date Received: 08/07/24 11:30

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.20		1.0	0.20	mg/L			08/15/24 20:12	1
Fluoride	<0.040		0.10	0.040	mg/L			08/15/24 20:12	1
Sulfate	<0.40		1.0	0.40	mg/L			08/15/24 20:12	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		08/08/24 05:54	08/08/24 15:47	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		08/08/24 05:54	08/08/24 15:47	1
Barium	<0.00089		0.010	0.00089	mg/L		08/08/24 05:54	08/08/24 15:47	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		08/08/24 05:54	08/08/24 15:47	1
Boron	<0.022		0.080	0.022	mg/L		08/08/24 05:54	08/09/24 15:45	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		08/08/24 05:54	08/08/24 15:47	1
Calcium	<0.14		0.50	0.14	mg/L		08/08/24 05:54	08/08/24 15:47	1
Chromium	<0.0012		0.0020	0.0012	mg/L		08/08/24 05:54	08/08/24 15:47	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		08/08/24 05:54	08/08/24 15:47	1
Copper	<0.0011		0.0020	0.0011	mg/L		08/08/24 05:54	08/08/24 15:47	1
Lead	<0.00021		0.0010	0.00021	mg/L		08/08/24 05:54	08/08/24 15:47	1
Magnesium	<0.023		0.50	0.023	mg/L		08/08/24 05:54	08/08/24 15:47	1
Nickel	<0.00042		0.0010	0.00042	mg/L		08/08/24 05:54	08/08/24 15:47	1
Potassium	<0.044		0.50	0.044	mg/L		08/08/24 05:54	08/08/24 15:47	1
Selenium	<0.00099		0.0050	0.00099	mg/L		08/08/24 05:54	08/08/24 15:47	1
Silver	<0.00039		0.0010	0.00039	mg/L		08/08/24 05:54	08/08/24 15:47	1
Sodium	<0.20		0.50	0.20	mg/L		08/08/24 05:54	08/08/24 15:47	1
Thallium	<0.00026		0.0010	0.00026	mg/L		08/08/24 05:54	08/08/24 15:47	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		08/08/24 05:54	08/08/24 15:47	1
Zinc	<0.0028		0.0050	0.0028	mg/L		08/08/24 05:54	08/08/24 15:47	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		08/12/24 15:18	08/13/24 12:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			08/09/24 17:06	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			08/09/24 17:06	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			08/09/24 17:06	1
Total Dissolved Solids (SM 2540C-2011)	<10		10	10	mg/L			08/12/24 15:41	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-254310-1

Client Sample ID: SCH-GWC-10

Lab Sample ID: 680-254310-11

Date Collected: 08/06/24 12:35

Matrix: Water

Date Received: 08/07/24 11:30

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.2		1.0	0.20	mg/L			08/15/24 20:22	1
Fluoride	0.064	J	0.10	0.040	mg/L			08/15/24 20:22	1
Sulfate	4.4		1.0	0.40	mg/L			08/15/24 20:22	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		08/08/24 05:54	08/09/24 14:47	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		08/08/24 05:54	08/09/24 14:47	1
Barium	0.034		0.010	0.00089	mg/L		08/08/24 05:54	08/09/24 14:47	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		08/08/24 05:54	08/09/24 14:47	1
Boron	<0.022		0.080	0.022	mg/L		08/08/24 05:54	08/09/24 14:47	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		08/08/24 05:54	08/09/24 14:47	1
Calcium	19		0.50	0.14	mg/L		08/08/24 05:54	08/09/24 14:47	1
Chromium	0.018		0.0020	0.0012	mg/L		08/08/24 05:54	08/09/24 14:47	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		08/08/24 05:54	08/09/24 14:47	1
Copper	<0.0011		0.0020	0.0011	mg/L		08/08/24 05:54	08/09/24 14:47	1
Lead	<0.00021		0.0010	0.00021	mg/L		08/08/24 05:54	08/09/24 14:47	1
Magnesium	9.7		0.50	0.023	mg/L		08/08/24 05:54	08/09/24 14:47	1
Nickel	0.0025		0.0010	0.00042	mg/L		08/08/24 05:54	08/09/24 14:47	1
Potassium	0.93		0.50	0.044	mg/L		08/08/24 05:54	08/09/24 14:47	1
Selenium	<0.00099		0.0050	0.00099	mg/L		08/08/24 05:54	08/09/24 14:47	1
Silver	<0.00039		0.0010	0.00039	mg/L		08/08/24 05:54	08/09/24 14:47	1
Sodium	8.2		0.50	0.20	mg/L		08/08/24 05:54	08/09/24 14:47	1
Thallium	<0.00026		0.0010	0.00026	mg/L		08/08/24 05:54	08/09/24 14:47	1
Vanadium	0.010		0.0020	0.00063	mg/L		08/08/24 05:54	08/09/24 14:47	1
Zinc	<0.0028		0.0050	0.0028	mg/L		08/08/24 05:54	08/09/24 14:47	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		08/13/24 11:48	08/13/24 19:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	100		5.0	2.2	mg/L			08/09/24 17:36	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	100		5.0	5.0	mg/L			08/09/24 17:36	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			08/09/24 17:36	1
Total Dissolved Solids (SM 2540C-2011)	140		40	40	mg/L			08/12/24 15:41	1

Client Sample ID: SCH-GWC-11

Lab Sample ID: 680-254310-12

Date Collected: 08/06/24 11:45

Matrix: Water

Date Received: 08/07/24 11:30

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.9		1.0	0.20	mg/L			08/16/24 14:28	1
Fluoride	<0.040		0.10	0.040	mg/L			08/16/24 14:28	1
Sulfate	<0.40		1.0	0.40	mg/L			08/16/24 14:28	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-254310-1

Client Sample ID: SCH-GWC-11

Lab Sample ID: 680-254310-12

Date Collected: 08/06/24 11:45

Matrix: Water

Date Received: 08/07/24 11:30

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		08/08/24 05:54	08/09/24 14:39	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		08/08/24 05:54	08/09/24 14:39	1
Barium	0.017		0.010	0.00089	mg/L		08/08/24 05:54	08/09/24 14:39	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		08/08/24 05:54	08/09/24 14:39	1
Boron	<0.022		0.080	0.022	mg/L		08/08/24 05:54	08/09/24 14:39	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		08/08/24 05:54	08/09/24 14:39	1
Calcium	13		0.50	0.14	mg/L		08/08/24 05:54	08/09/24 14:39	1
Chromium	0.0072		0.0020	0.0012	mg/L		08/08/24 05:54	08/09/24 14:39	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		08/08/24 05:54	08/09/24 14:39	1
Copper	<0.0011		0.0020	0.0011	mg/L		08/08/24 05:54	08/09/24 14:39	1
Lead	<0.00021		0.0010	0.00021	mg/L		08/08/24 05:54	08/09/24 14:39	1
Magnesium	6.4		0.50	0.023	mg/L		08/08/24 05:54	08/09/24 14:39	1
Nickel	0.00086	J	0.0010	0.00042	mg/L		08/08/24 05:54	08/09/24 14:39	1
Potassium	0.74		0.50	0.044	mg/L		08/08/24 05:54	08/09/24 14:39	1
Selenium	<0.00099		0.0050	0.00099	mg/L		08/08/24 05:54	08/09/24 14:39	1
Silver	<0.00039		0.0010	0.00039	mg/L		08/08/24 05:54	08/09/24 14:39	1
Sodium	4.6		0.50	0.20	mg/L		08/08/24 05:54	08/09/24 14:39	1
Thallium	<0.00026		0.0010	0.00026	mg/L		08/08/24 05:54	08/09/24 14:39	1
Vanadium	0.0089		0.0020	0.00063	mg/L		08/08/24 05:54	08/09/24 14:39	1
Zinc	0.0033	J	0.0050	0.0028	mg/L		08/08/24 05:54	08/09/24 14:39	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		08/13/24 11:48	08/13/24 19:07	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	70		5.0	2.2	mg/L			08/09/24 17:20	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	70		5.0	5.0	mg/L			08/09/24 17:20	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			08/09/24 17:20	1
Total Dissolved Solids (SM 2540C-2011)	100		10	10	mg/L			08/12/24 15:41	1

Client Sample ID: SCH-CELL1-FD-5

Lab Sample ID: 680-254310-13

Date Collected: 08/06/24 00:00

Matrix: Water

Date Received: 08/07/24 11:30

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.0		1.0	0.20	mg/L			08/16/24 22:10	1
Fluoride	<0.040		0.10	0.040	mg/L			08/16/24 22:10	1
Sulfate	<0.40		1.0	0.40	mg/L			08/16/24 22:10	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		08/08/24 05:54	08/09/24 14:36	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		08/08/24 05:54	08/09/24 14:36	1
Barium	0.017		0.010	0.00089	mg/L		08/08/24 05:54	08/09/24 14:36	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		08/08/24 05:54	08/09/24 14:36	1

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Client Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-254310-1

Client Sample ID: SCH-CELL1-FD-5

Lab Sample ID: 680-254310-13

Date Collected: 08/06/24 00:00

Matrix: Water

Date Received: 08/07/24 11:30

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.025	J	0.080	0.022	mg/L		08/08/24 05:54	08/09/24 14:36	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		08/08/24 05:54	08/09/24 14:36	1
Calcium	1.1		0.50	0.14	mg/L		08/08/24 05:54	08/09/24 14:36	1
Chromium	0.0014	J	0.0020	0.0012	mg/L		08/08/24 05:54	08/09/24 14:36	1
Cobalt	0.00036	J	0.0025	0.00022	mg/L		08/08/24 05:54	08/09/24 14:36	1
Copper	<0.0011		0.0020	0.0011	mg/L		08/08/24 05:54	08/09/24 14:36	1
Lead	<0.00021		0.0010	0.00021	mg/L		08/08/24 05:54	08/09/24 14:36	1
Magnesium	0.90		0.50	0.023	mg/L		08/08/24 05:54	08/09/24 14:36	1
Nickel	0.0010		0.0010	0.00042	mg/L		08/08/24 05:54	08/09/24 14:36	1
Potassium	0.31	J	0.50	0.044	mg/L		08/08/24 05:54	08/09/24 14:36	1
Selenium	<0.00099		0.0050	0.00099	mg/L		08/08/24 05:54	08/09/24 14:36	1
Silver	<0.00039		0.0010	0.00039	mg/L		08/08/24 05:54	08/09/24 14:36	1
Sodium	2.4		0.50	0.20	mg/L		08/08/24 05:54	08/09/24 14:36	1
Thallium	<0.00026		0.0010	0.00026	mg/L		08/08/24 05:54	08/09/24 14:36	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		08/08/24 05:54	08/09/24 14:36	1
Zinc	0.0028	J	0.0050	0.0028	mg/L		08/08/24 05:54	08/09/24 14:36	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		08/13/24 11:48	08/13/24 19:10	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	9.2		5.0	2.2	mg/L			08/09/24 17:27	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	9.2		5.0	5.0	mg/L			08/09/24 17:27	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			08/09/24 17:27	1
Total Dissolved Solids (SM 2540C-2011)	27		10	10	mg/L			08/12/24 15:41	1

Client Sample ID: SCH-GWC-12

Lab Sample ID: 680-254310-14

Date Collected: 08/06/24 10:39

Matrix: Water

Date Received: 08/07/24 11:30

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.0		1.0	0.20	mg/L			08/16/24 14:41	1
Fluoride	<0.040		0.10	0.040	mg/L			08/16/24 14:41	1
Sulfate	<0.40		1.0	0.40	mg/L			08/16/24 14:41	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		08/08/24 05:59	08/09/24 14:53	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		08/08/24 05:59	08/09/24 14:53	1
Barium	0.018		0.010	0.00089	mg/L		08/08/24 05:59	08/09/24 14:53	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		08/08/24 05:59	08/09/24 14:53	1
Boron	<0.022		0.080	0.022	mg/L		08/08/24 05:59	08/09/24 14:53	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		08/08/24 05:59	08/09/24 14:53	1
Calcium	1.1		0.50	0.14	mg/L		08/08/24 05:59	08/09/24 14:53	1
Chromium	0.0014	J	0.0020	0.0012	mg/L		08/08/24 05:59	08/09/24 14:53	1

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Client Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-254310-1

Client Sample ID: SCH-GWC-12

Lab Sample ID: 680-254310-14

Date Collected: 08/06/24 10:39

Matrix: Water

Date Received: 08/07/24 11:30

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	0.00029	J	0.0025	0.00022	mg/L		08/08/24 05:59	08/09/24 14:53	1
Copper	<0.0011		0.0020	0.0011	mg/L		08/08/24 05:59	08/09/24 14:53	1
Lead	<0.00021		0.0010	0.00021	mg/L		08/08/24 05:59	08/09/24 14:53	1
Magnesium	0.89		0.50	0.023	mg/L		08/08/24 05:59	08/09/24 14:53	1
Nickel	0.00090	J	0.0010	0.00042	mg/L		08/08/24 05:59	08/09/24 14:53	1
Potassium	0.30	J	0.50	0.044	mg/L		08/08/24 05:59	08/09/24 14:53	1
Selenium	<0.00099		0.0050	0.00099	mg/L		08/08/24 05:59	08/09/24 14:53	1
Silver	<0.00039		0.0010	0.00039	mg/L		08/08/24 05:59	08/09/24 14:53	1
Sodium	2.5		0.50	0.20	mg/L		08/08/24 05:59	08/09/24 14:53	1
Thallium	<0.00026		0.0010	0.00026	mg/L		08/08/24 05:59	08/09/24 14:53	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		08/08/24 05:59	08/09/24 14:53	1
Zinc	0.0028	J	0.0050	0.0028	mg/L		08/08/24 05:59	08/09/24 14:53	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		08/13/24 11:48	08/13/24 19:36	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	9.6		5.0	2.2	mg/L			08/14/24 22:16	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	9.6		5.0	5.0	mg/L			08/14/24 22:16	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			08/14/24 22:16	1
Total Dissolved Solids (SM 2540C-2011)	28		10	10	mg/L			08/13/24 08:45	1

Client Sample ID: SCH-GWC-13

Lab Sample ID: 680-254310-15

Date Collected: 08/06/24 09:40

Matrix: Water

Date Received: 08/07/24 11:30

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.5		1.0	0.20	mg/L			08/16/24 15:15	1
Fluoride	<0.040		0.10	0.040	mg/L			08/16/24 15:15	1
Sulfate	<0.40		1.0	0.40	mg/L			08/16/24 15:15	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		08/08/24 05:54	08/09/24 14:50	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		08/08/24 05:54	08/09/24 14:50	1
Barium	0.036		0.010	0.00089	mg/L		08/08/24 05:54	08/09/24 14:50	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		08/08/24 05:54	08/09/24 14:50	1
Boron	<0.022		0.080	0.022	mg/L		08/08/24 05:54	08/09/24 14:50	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		08/08/24 05:54	08/09/24 14:50	1
Calcium	7.4		0.50	0.14	mg/L		08/08/24 05:54	08/09/24 14:50	1
Chromium	0.0045		0.0020	0.0012	mg/L		08/08/24 05:54	08/09/24 14:50	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		08/08/24 05:54	08/09/24 14:50	1
Copper	<0.0011		0.0020	0.0011	mg/L		08/08/24 05:54	08/09/24 14:50	1
Lead	<0.00021		0.0010	0.00021	mg/L		08/08/24 05:54	08/09/24 14:50	1
Magnesium	4.6		0.50	0.023	mg/L		08/08/24 05:54	08/09/24 14:50	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-254310-1

Client Sample ID: SCH-GWC-13

Lab Sample ID: 680-254310-15

Date Collected: 08/06/24 09:40

Matrix: Water

Date Received: 08/07/24 11:30

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	0.00046	J	0.0010	0.00042	mg/L		08/08/24 05:54	08/09/24 14:50	1
Potassium	0.55		0.50	0.044	mg/L		08/08/24 05:54	08/09/24 14:50	1
Selenium	<0.00099		0.0050	0.00099	mg/L		08/08/24 05:54	08/09/24 14:50	1
Silver	<0.00039		0.0010	0.00039	mg/L		08/08/24 05:54	08/09/24 14:50	1
Sodium	6.2		0.50	0.20	mg/L		08/08/24 05:54	08/09/24 14:50	1
Thallium	<0.00026		0.0010	0.00026	mg/L		08/08/24 05:54	08/09/24 14:50	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		08/08/24 05:54	08/09/24 14:50	1
Zinc	0.0030	J	0.0050	0.0028	mg/L		08/08/24 05:54	08/09/24 14:50	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		08/12/24 15:18	08/13/24 11:58	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	51		5.0	2.2	mg/L			08/14/24 22:09	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	51		5.0	5.0	mg/L			08/14/24 22:09	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			08/14/24 22:09	1
Total Dissolved Solids (SM 2540C-2011)	78		10	10	mg/L			08/13/24 08:45	1

Client Sample ID: SCH-GWA-15

Lab Sample ID: 680-254310-16

Date Collected: 08/06/24 15:47

Matrix: Water

Date Received: 08/07/24 11:30

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.0		1.0	0.20	mg/L			08/16/24 15:22	1
Fluoride	<0.040		0.10	0.040	mg/L			08/16/24 15:22	1
Sulfate	1.3		1.0	0.40	mg/L			08/16/24 15:22	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		08/08/24 05:59	08/09/24 14:56	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		08/08/24 05:59	08/09/24 14:56	1
Barium	0.010		0.010	0.00089	mg/L		08/08/24 05:59	08/09/24 14:56	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		08/08/24 05:59	08/09/24 14:56	1
Boron	<0.022		0.080	0.022	mg/L		08/08/24 05:59	08/09/24 14:56	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		08/08/24 05:59	08/09/24 14:56	1
Calcium	4.2		0.50	0.14	mg/L		08/08/24 05:59	08/09/24 14:56	1
Chromium	<0.0012		0.0020	0.0012	mg/L		08/08/24 05:59	08/09/24 14:56	1
Cobalt	0.0010	J	0.0025	0.00022	mg/L		08/08/24 05:59	08/09/24 14:56	1
Copper	<0.0011		0.0020	0.0011	mg/L		08/08/24 05:59	08/09/24 14:56	1
Lead	<0.00021		0.0010	0.00021	mg/L		08/08/24 05:59	08/09/24 14:56	1
Magnesium	2.1		0.50	0.023	mg/L		08/08/24 05:59	08/09/24 14:56	1
Nickel	0.00085	J	0.0010	0.00042	mg/L		08/08/24 05:59	08/09/24 14:56	1
Potassium	0.24	J	0.50	0.044	mg/L		08/08/24 05:59	08/09/24 14:56	1
Selenium	<0.00099		0.0050	0.00099	mg/L		08/08/24 05:59	08/09/24 14:56	1
Silver	<0.00039		0.0010	0.00039	mg/L		08/08/24 05:59	08/09/24 14:56	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-254310-1

Client Sample ID: SCH-GWA-15

Lab Sample ID: 680-254310-16

Date Collected: 08/06/24 15:47

Matrix: Water

Date Received: 08/07/24 11:30

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	4.9		0.50	0.20	mg/L		08/08/24 05:59	08/09/24 14:56	1
Thallium	<0.00026		0.0010	0.00026	mg/L		08/08/24 05:59	08/09/24 14:56	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		08/08/24 05:59	08/09/24 14:56	1
Zinc	<0.0028		0.0050	0.0028	mg/L		08/08/24 05:59	08/09/24 14:56	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		08/12/24 15:18	08/13/24 12:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	22		5.0	2.2	mg/L			08/15/24 00:47	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	22		5.0	5.0	mg/L			08/15/24 00:47	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			08/15/24 00:47	1
Total Dissolved Solids (SM 2540C-2011)	53		10	10	mg/L			08/13/24 08:45	1

Client Sample ID: SCH-GWA-16

Lab Sample ID: 680-254310-17

Date Collected: 08/06/24 15:10

Matrix: Water

Date Received: 08/07/24 11:30

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.7		1.0	0.20	mg/L			08/16/24 15:28	1
Fluoride	<0.040		0.10	0.040	mg/L			08/16/24 15:28	1
Sulfate	<0.40		1.0	0.40	mg/L			08/16/24 15:28	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		08/08/24 05:54	08/08/24 15:41	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		08/08/24 05:54	08/08/24 15:41	1
Barium	0.031		0.010	0.00089	mg/L		08/08/24 05:54	08/08/24 15:41	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		08/08/24 05:54	08/08/24 15:41	1
Boron	<0.022		0.080	0.022	mg/L		08/08/24 05:54	08/09/24 15:40	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		08/08/24 05:54	08/08/24 15:41	1
Calcium	15		0.50	0.14	mg/L		08/08/24 05:54	08/08/24 15:41	1
Chromium	0.0080		0.0020	0.0012	mg/L		08/08/24 05:54	08/08/24 15:41	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		08/08/24 05:54	08/08/24 15:41	1
Copper	<0.0011		0.0020	0.0011	mg/L		08/08/24 05:54	08/08/24 15:41	1
Lead	<0.00021		0.0010	0.00021	mg/L		08/08/24 05:54	08/08/24 15:41	1
Magnesium	5.1		0.50	0.023	mg/L		08/08/24 05:54	08/08/24 15:41	1
Nickel	<0.00042		0.0010	0.00042	mg/L		08/08/24 05:54	08/08/24 15:41	1
Potassium	1.1		0.50	0.044	mg/L		08/08/24 05:54	08/08/24 15:41	1
Selenium	<0.00099		0.0050	0.00099	mg/L		08/08/24 05:54	08/08/24 15:41	1
Silver	<0.00039		0.0010	0.00039	mg/L		08/08/24 05:54	08/08/24 15:41	1
Sodium	11		0.50	0.20	mg/L		08/08/24 05:54	08/08/24 15:41	1
Thallium	<0.00026		0.0010	0.00026	mg/L		08/08/24 05:54	08/08/24 15:41	1
Vanadium	0.0082		0.0020	0.00063	mg/L		08/08/24 05:54	08/08/24 15:41	1
Zinc	<0.0028		0.0050	0.0028	mg/L		08/08/24 05:54	08/08/24 15:41	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-254310-1

Client Sample ID: SCH-GWA-16

Lab Sample ID: 680-254310-17

Date Collected: 08/06/24 15:10

Matrix: Water

Date Received: 08/07/24 11:30

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		08/12/24 15:18	08/13/24 11:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	74		5.0	2.2	mg/L			08/14/24 22:33	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	74		5.0	5.0	mg/L			08/14/24 22:33	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			08/14/24 22:33	1
Total Dissolved Solids (SM 2540C-2011)	110		10	10	mg/L			08/13/24 08:45	1

Client Sample ID: SCH-GWA-17

Lab Sample ID: 680-254310-18

Date Collected: 08/06/24 12:55

Matrix: Water

Date Received: 08/07/24 11:30

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.4		1.0	0.20	mg/L			08/16/24 16:03	1
Fluoride	<0.040		0.10	0.040	mg/L			08/16/24 16:03	1
Sulfate	<0.40		1.0	0.40	mg/L			08/16/24 16:03	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		08/08/24 05:54	08/08/24 15:39	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		08/08/24 05:54	08/08/24 15:39	1
Barium	0.033		0.010	0.00089	mg/L		08/08/24 05:54	08/08/24 15:39	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		08/08/24 05:54	08/08/24 15:39	1
Boron	<0.022		0.080	0.022	mg/L		08/08/24 05:54	08/09/24 15:37	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		08/08/24 05:54	08/08/24 15:39	1
Calcium	9.0		0.50	0.14	mg/L		08/08/24 05:54	08/08/24 15:39	1
Chromium	0.0086		0.0020	0.0012	mg/L		08/08/24 05:54	08/08/24 15:39	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		08/08/24 05:54	08/08/24 15:39	1
Copper	<0.0011		0.0020	0.0011	mg/L		08/08/24 05:54	08/08/24 15:39	1
Lead	<0.00021		0.0010	0.00021	mg/L		08/08/24 05:54	08/08/24 15:39	1
Magnesium	3.7		0.50	0.023	mg/L		08/08/24 05:54	08/08/24 15:39	1
Nickel	<0.00042		0.0010	0.00042	mg/L		08/08/24 05:54	08/08/24 15:39	1
Potassium	1.1		0.50	0.044	mg/L		08/08/24 05:54	08/08/24 15:39	1
Selenium	<0.00099		0.0050	0.00099	mg/L		08/08/24 05:54	08/08/24 15:39	1
Silver	<0.00039		0.0010	0.00039	mg/L		08/08/24 05:54	08/08/24 15:39	1
Sodium	10		0.50	0.20	mg/L		08/08/24 05:54	08/08/24 15:39	1
Thallium	<0.00026		0.0010	0.00026	mg/L		08/08/24 05:54	08/08/24 15:39	1
Vanadium	0.0055		0.0020	0.00063	mg/L		08/08/24 05:54	08/08/24 15:39	1
Zinc	<0.0028		0.0050	0.0028	mg/L		08/08/24 05:54	08/08/24 15:39	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		08/12/24 15:18	08/13/24 11:49	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-254310-1

Client Sample ID: SCH-GWA-17

Lab Sample ID: 680-254310-18

Date Collected: 08/06/24 12:55

Matrix: Water

Date Received: 08/07/24 11:30

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	56		5.0	2.2	mg/L			08/14/24 22:24	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	56		5.0	5.0	mg/L			08/14/24 22:24	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			08/14/24 22:24	1
Total Dissolved Solids (SM 2540C-2011)	86		10	10	mg/L			08/13/24 08:45	1

Client Sample ID: SCH-GWC-18

Lab Sample ID: 680-254310-19

Date Collected: 08/06/24 15:40

Matrix: Water

Date Received: 08/07/24 11:30

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.8		1.0	0.20	mg/L			08/16/24 16:10	1
Fluoride	<0.040		0.10	0.040	mg/L			08/16/24 16:10	1
Sulfate	<0.40		1.0	0.40	mg/L			08/16/24 16:10	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		08/08/24 05:54	08/08/24 15:36	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		08/08/24 05:54	08/08/24 15:36	1
Barium	0.037		0.010	0.00089	mg/L		08/08/24 05:54	08/08/24 15:36	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		08/08/24 05:54	08/08/24 15:36	1
Boron	<0.022		0.080	0.022	mg/L		08/08/24 05:54	08/09/24 15:29	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		08/08/24 05:54	08/08/24 15:36	1
Calcium	11		0.50	0.14	mg/L		08/08/24 05:54	08/08/24 15:36	1
Chromium	0.013		0.0020	0.0012	mg/L		08/08/24 05:54	08/08/24 15:36	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		08/08/24 05:54	08/08/24 15:36	1
Copper	<0.0011		0.0020	0.0011	mg/L		08/08/24 05:54	08/08/24 15:36	1
Lead	<0.00021		0.0010	0.00021	mg/L		08/08/24 05:54	08/08/24 15:36	1
Magnesium	5.4		0.50	0.023	mg/L		08/08/24 05:54	08/08/24 15:36	1
Nickel	<0.00042		0.0010	0.00042	mg/L		08/08/24 05:54	08/08/24 15:36	1
Potassium	0.77		0.50	0.044	mg/L		08/08/24 05:54	08/08/24 15:36	1
Selenium	<0.00099		0.0050	0.00099	mg/L		08/08/24 05:54	08/08/24 15:36	1
Silver	<0.00039		0.0010	0.00039	mg/L		08/08/24 05:54	08/08/24 15:36	1
Sodium	7.9		0.50	0.20	mg/L		08/08/24 05:54	08/08/24 15:36	1
Thallium	<0.00026		0.0010	0.00026	mg/L		08/08/24 05:54	08/08/24 15:36	1
Vanadium	0.0066		0.0020	0.00063	mg/L		08/08/24 05:54	08/08/24 15:36	1
Zinc	<0.0028		0.0050	0.0028	mg/L		08/08/24 05:54	08/08/24 15:36	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		08/14/24 09:52	08/14/24 15:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	66		5.0	2.2	mg/L			08/15/24 01:03	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	66		5.0	5.0	mg/L			08/15/24 01:03	1

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Client Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-254310-1

Client Sample ID: SCH-GWC-18

Lab Sample ID: 680-254310-19

Date Collected: 08/06/24 15:40

Matrix: Water

Date Received: 08/07/24 11:30

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			08/15/24 01:03	1
Total Dissolved Solids (SM 2540C-2011)	95		10	10	mg/L			08/13/24 08:45	1

Client Sample ID: SCH-GWC-19

Lab Sample ID: 680-254310-20

Date Collected: 08/06/24 14:48

Matrix: Water

Date Received: 08/07/24 11:30

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.8		1.0	0.20	mg/L			08/16/24 16:16	1
Fluoride	<0.040		0.10	0.040	mg/L			08/16/24 16:16	1
Sulfate	<0.40		1.0	0.40	mg/L			08/16/24 16:16	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		08/08/24 05:54	08/08/24 15:33	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		08/08/24 05:54	08/08/24 15:33	1
Barium	0.035		0.010	0.00089	mg/L		08/08/24 05:54	08/08/24 15:33	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		08/08/24 05:54	08/08/24 15:33	1
Boron	<0.022		0.080	0.022	mg/L		08/08/24 05:54	08/09/24 15:26	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		08/08/24 05:54	08/08/24 15:33	1
Calcium	20		0.50	0.14	mg/L		08/08/24 05:54	08/08/24 15:33	1
Chromium	0.015		0.0020	0.0012	mg/L		08/08/24 05:54	08/08/24 15:33	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		08/08/24 05:54	08/08/24 15:33	1
Copper	<0.0011		0.0020	0.0011	mg/L		08/08/24 05:54	08/08/24 15:33	1
Lead	<0.00021		0.0010	0.00021	mg/L		08/08/24 05:54	08/08/24 15:33	1
Magnesium	9.7		0.50	0.023	mg/L		08/08/24 05:54	08/08/24 15:33	1
Nickel	0.00053 J		0.0010	0.00042	mg/L		08/08/24 05:54	08/08/24 15:33	1
Potassium	1.4		0.50	0.044	mg/L		08/08/24 05:54	08/08/24 15:33	1
Selenium	<0.00099		0.0050	0.00099	mg/L		08/08/24 05:54	08/08/24 15:33	1
Silver	<0.00039		0.0010	0.00039	mg/L		08/08/24 05:54	08/08/24 15:33	1
Sodium	10		0.50	0.20	mg/L		08/08/24 05:54	08/08/24 15:33	1
Thallium	<0.00026		0.0010	0.00026	mg/L		08/08/24 05:54	08/08/24 15:33	1
Vanadium	0.0075		0.0020	0.00063	mg/L		08/08/24 05:54	08/08/24 15:33	1
Zinc	<0.0028		0.0050	0.0028	mg/L		08/08/24 05:54	08/08/24 15:33	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		08/13/24 11:48	08/13/24 19:18	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	100		5.0	2.2	mg/L			08/15/24 01:12	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	100		5.0	5.0	mg/L			08/15/24 01:12	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			08/15/24 01:12	1
Total Dissolved Solids (SM 2540C-2011)	130		10	10	mg/L			08/13/24 08:45	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-254310-1

Client Sample ID: SCH-GWC-8A

Lab Sample ID: 680-254310-21

Date Collected: 08/06/24 12:19

Matrix: Water

Date Received: 08/07/24 11:30

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.8		1.0	0.20	mg/L			08/16/24 16:22	1
Fluoride	<0.040		0.10	0.040	mg/L			08/16/24 16:22	1
Sulfate	21		1.0	0.40	mg/L			08/16/24 16:22	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		08/08/24 05:54	08/09/24 14:17	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		08/08/24 05:54	08/09/24 14:17	1
Barium	0.029		0.010	0.00089	mg/L		08/08/24 05:54	08/09/24 14:17	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		08/08/24 05:54	08/09/24 14:17	1
Boron	0.19		0.080	0.022	mg/L		08/08/24 05:54	08/09/24 14:17	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		08/08/24 05:54	08/09/24 14:17	1
Calcium	36		0.50	0.14	mg/L		08/08/24 05:54	08/09/24 14:17	1
Chromium	<0.0012		0.0020	0.0012	mg/L		08/08/24 05:54	08/09/24 14:17	1
Cobalt	0.0017 J		0.0025	0.00022	mg/L		08/08/24 05:54	08/09/24 14:17	1
Copper	<0.0011		0.0020	0.0011	mg/L		08/08/24 05:54	08/09/24 14:17	1
Lead	<0.00021		0.0010	0.00021	mg/L		08/08/24 05:54	08/09/24 14:17	1
Magnesium	17		0.50	0.023	mg/L		08/08/24 05:54	08/09/24 14:17	1
Nickel	0.0046		0.0010	0.00042	mg/L		08/08/24 05:54	08/09/24 14:17	1
Potassium	1.9		0.50	0.044	mg/L		08/08/24 05:54	08/09/24 14:17	1
Selenium	<0.00099		0.0050	0.00099	mg/L		08/08/24 05:54	08/09/24 14:17	1
Silver	<0.00039		0.0010	0.00039	mg/L		08/08/24 05:54	08/09/24 14:17	1
Sodium	11		0.50	0.20	mg/L		08/08/24 05:54	08/09/24 14:17	1
Thallium	<0.00026		0.0010	0.00026	mg/L		08/08/24 05:54	08/09/24 14:17	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		08/08/24 05:54	08/09/24 14:17	1
Zinc	<0.0028		0.0050	0.0028	mg/L		08/08/24 05:54	08/09/24 14:17	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		08/13/24 11:48	08/13/24 19:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	160		5.0	2.2	mg/L			08/14/24 22:42	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	160		5.0	5.0	mg/L			08/14/24 22:42	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			08/14/24 22:42	1
Total Dissolved Solids (SM 2540C-2011)	230		40	40	mg/L			08/13/24 08:45	1

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-254310-1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography

Lab Sample ID: MB 680-851636/2
Matrix: Water
Analysis Batch: 851636

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.20		1.0	0.20	mg/L			08/15/24 13:54	1
Fluoride	<0.040		0.10	0.040	mg/L			08/15/24 13:54	1
Sulfate	<0.40		1.0	0.40	mg/L			08/15/24 13:54	1

Lab Sample ID: LCS 680-851636/3
Matrix: Water
Analysis Batch: 851636

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.77		mg/L		98	90 - 110
Fluoride	2.00	1.85		mg/L		93	90 - 110
Sulfate	10.0	9.58		mg/L		96	90 - 110

Lab Sample ID: LCSD 680-851636/5
Matrix: Water
Analysis Batch: 851636

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	9.81		mg/L		98	90 - 110	0	15
Fluoride	2.00	1.93		mg/L		96	90 - 110	4	15
Sulfate	10.0	9.72		mg/L		97	90 - 110	1	15

Lab Sample ID: 680-254310-3 MS
Matrix: Water
Analysis Batch: 851636

Client Sample ID: SCH-CELL1-FB-6
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	<0.20		5.00	5.77		mg/L		115	80 - 120
Fluoride	<0.040		1.00	1.05		mg/L		105	80 - 120
Sulfate	<0.40		5.00	4.45		mg/L		89	80 - 120

Lab Sample ID: 680-254310-3 MSD
Matrix: Water
Analysis Batch: 851636

Client Sample ID: SCH-CELL1-FB-6
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<0.20		5.00	5.95		mg/L		119	80 - 120	3	15
Fluoride	<0.040		1.00	1.08		mg/L		108	80 - 120	3	15
Sulfate	<0.40		5.00	4.49		mg/L		90	80 - 120	1	15

Lab Sample ID: MB 680-851836/3
Matrix: Water
Analysis Batch: 851836

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.20		1.0	0.20	mg/L			08/16/24 11:41	1
Fluoride	<0.040		0.10	0.040	mg/L			08/16/24 11:41	1
Sulfate	<0.40		1.0	0.40	mg/L			08/16/24 11:41	1

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QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-254310-1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 680-851836/4
Matrix: Water
Analysis Batch: 851836

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.0		mg/L		100	90 - 110
Fluoride	2.00	1.90		mg/L		95	90 - 110
Sulfate	10.0	9.29		mg/L		93	90 - 110

Lab Sample ID: LCSD 680-851836/5
Matrix: Water
Analysis Batch: 851836

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	10.1		mg/L		101	90 - 110	0	15
Fluoride	2.00	1.91		mg/L		95	90 - 110	1	15
Sulfate	10.0	9.31		mg/L		93	90 - 110	0	15

Lab Sample ID: 680-254310-14 MS
Matrix: Water
Analysis Batch: 851836

Client Sample ID: SCH-GWC-12
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	2.0		10.0	11.9		mg/L		99	80 - 120
Fluoride	<0.040		2.00	1.90		mg/L		95	80 - 120
Sulfate	<0.40		10.0	9.19		mg/L		92	80 - 120

Lab Sample ID: 680-254310-14 MSD
Matrix: Water
Analysis Batch: 851836

Client Sample ID: SCH-GWC-12
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	2.0		10.0	11.9		mg/L		99	80 - 120	0	15
Fluoride	<0.040		2.00	1.91		mg/L		95	80 - 120	0	15
Sulfate	<0.40		10.0	9.17		mg/L		92	80 - 120	0	15

Lab Sample ID: MB 680-852066/63
Matrix: Water
Analysis Batch: 852066

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.20		1.0	0.20	mg/L			08/16/24 21:25	1
Fluoride	<0.040		0.10	0.040	mg/L			08/16/24 21:25	1
Sulfate	<0.40		1.0	0.40	mg/L			08/16/24 21:25	1

Lab Sample ID: LCS 680-852066/70
Matrix: Water
Analysis Batch: 852066

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.99		mg/L		100	90 - 110
Fluoride	2.00	2.10		mg/L		105	90 - 110
Sulfate	10.0	9.31		mg/L		93	90 - 110

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QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-254310-1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 680-852066/71
Matrix: Water
Analysis Batch: 852066

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	10.0		mg/L		100	90 - 110	0	15
Fluoride	2.00	1.97		mg/L		99	90 - 110	6	15
Sulfate	10.0	9.30		mg/L		93	90 - 110	0	15

Lab Sample ID: 752-22773-B-10 MS
Matrix: Water
Analysis Batch: 852066

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	7.7		10.0	17.9		mg/L		102	80 - 120
Fluoride	<0.040		2.00	2.01		mg/L		101	80 - 120
Sulfate	68	E	10.0	81.6	E 4	mg/L		137	80 - 120

Lab Sample ID: 752-22773-B-10 MSD
Matrix: Water
Analysis Batch: 852066

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	7.7		10.0	17.8		mg/L		101	80 - 120	0	15
Fluoride	<0.040		2.00	2.01		mg/L		100	80 - 120	0	15
Sulfate	68	E	10.0	81.4	E 4	mg/L		135	80 - 120	0	15

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 680-850374/1-A
Matrix: Water
Analysis Batch: 850907

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 850374

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		08/08/24 05:54	08/09/24 13:41	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		08/08/24 05:54	08/09/24 13:41	1
Barium	<0.00089		0.010	0.00089	mg/L		08/08/24 05:54	08/09/24 13:41	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		08/08/24 05:54	08/09/24 13:41	1
Boron	<0.022		0.080	0.022	mg/L		08/08/24 05:54	08/09/24 13:41	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		08/08/24 05:54	08/09/24 13:41	1
Calcium	<0.14		0.50	0.14	mg/L		08/08/24 05:54	08/09/24 13:41	1
Chromium	<0.0012		0.0020	0.0012	mg/L		08/08/24 05:54	08/09/24 13:41	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		08/08/24 05:54	08/09/24 13:41	1
Copper	<0.0011		0.0020	0.0011	mg/L		08/08/24 05:54	08/09/24 13:41	1
Lead	<0.00021		0.0010	0.00021	mg/L		08/08/24 05:54	08/09/24 13:41	1
Magnesium	<0.023		0.50	0.023	mg/L		08/08/24 05:54	08/09/24 13:41	1
Nickel	<0.00042		0.0010	0.00042	mg/L		08/08/24 05:54	08/09/24 13:41	1
Potassium	<0.044		0.50	0.044	mg/L		08/08/24 05:54	08/09/24 13:41	1
Selenium	<0.00099		0.0050	0.00099	mg/L		08/08/24 05:54	08/09/24 13:41	1
Silver	<0.00039		0.0010	0.00039	mg/L		08/08/24 05:54	08/09/24 13:41	1
Sodium	<0.20		0.50	0.20	mg/L		08/08/24 05:54	08/09/24 13:41	1
Thallium	<0.00026		0.0010	0.00026	mg/L		08/08/24 05:54	08/09/24 13:41	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		08/08/24 05:54	08/09/24 13:41	1
Zinc	<0.0028		0.0050	0.0028	mg/L		08/08/24 05:54	08/09/24 13:41	1

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QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-254310-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 680-850374/2-A
Matrix: Water
Analysis Batch: 850907

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 850374

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0479		mg/L		96	80 - 120
Arsenic	0.100	0.0987		mg/L		99	80 - 120
Barium	0.100	0.0948		mg/L		95	80 - 120
Beryllium	0.0500	0.0502		mg/L		100	80 - 120
Boron	0.400	0.386		mg/L		96	80 - 120
Cadmium	0.0500	0.0494		mg/L		99	80 - 120
Calcium	5.00	4.73		mg/L		95	80 - 120
Chromium	0.100	0.0976		mg/L		98	80 - 120
Cobalt	0.0500	0.0506		mg/L		101	80 - 120
Copper	0.101	0.103		mg/L		102	80 - 120
Lead	0.500	0.461		mg/L		92	80 - 120
Magnesium	5.00	4.79		mg/L		96	80 - 120
Nickel	0.100	0.0997		mg/L		100	80 - 120
Potassium	7.00	6.91		mg/L		99	80 - 120
Selenium	0.100	0.0951		mg/L		95	80 - 120
Silver	0.0500	0.0493		mg/L		99	80 - 120
Sodium	5.00	4.73		mg/L		95	80 - 120
Thallium	0.0500	0.0472		mg/L		94	80 - 120
Vanadium	0.100	0.0952		mg/L		95	80 - 120
Zinc	0.100	0.0997		mg/L		100	80 - 120

Lab Sample ID: 680-254303-B-2-B MS
Matrix: Water
Analysis Batch: 850907

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 850374

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.00034		0.0500	0.0505		mg/L		101	75 - 125
Arsenic	<0.00086		0.100	0.102		mg/L		102	75 - 125
Barium	0.065		0.100	0.161		mg/L		96	75 - 125
Beryllium	<0.00020		0.0500	0.0525		mg/L		105	75 - 125
Boron	<0.022		0.400	0.406		mg/L		102	75 - 125
Cadmium	<0.000078		0.0500	0.0525		mg/L		105	75 - 125
Calcium	23		5.00	26.4	4	mg/L		61	75 - 125
Chromium	0.0052		0.100	0.105		mg/L		100	75 - 125
Cobalt	0.0013	J	0.0500	0.0526		mg/L		103	75 - 125
Copper	<0.0011		0.101	0.104		mg/L		103	75 - 125
Lead	<0.00021		0.500	0.484		mg/L		97	75 - 125
Magnesium	13		5.00	16.8		mg/L		81	75 - 125
Nickel	0.0014		0.100	0.102		mg/L		101	75 - 125
Potassium	0.96		7.00	8.08		mg/L		102	75 - 125
Selenium	<0.00099		0.100	0.0980		mg/L		98	75 - 125
Silver	<0.00039		0.0500	0.0516		mg/L		103	75 - 125
Sodium	4.5		5.00	9.21		mg/L		94	75 - 125
Thallium	<0.00026		0.0500	0.0500		mg/L		100	75 - 125
Vanadium	0.013		0.100	0.110		mg/L		97	75 - 125
Zinc	<0.0028		0.100	0.103		mg/L		103	75 - 125

QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-254310-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-254303-B-2-C MSD
Matrix: Water
Analysis Batch: 850907

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 850374

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.00034		0.0500	0.0509		mg/L		102	75 - 125	1	20
Arsenic	<0.00086		0.100	0.103		mg/L		103	75 - 125	1	20
Barium	0.065		0.100	0.161		mg/L		96	75 - 125	0	20
Beryllium	<0.00020		0.0500	0.0532		mg/L		106	75 - 125	1	20
Boron	<0.022		0.400	0.400		mg/L		100	75 - 125	1	20
Cadmium	<0.000078		0.0500	0.0522		mg/L		104	75 - 125	1	20
Calcium	23		5.00	26.5	4	mg/L		64	75 - 125	1	20
Chromium	0.0052		0.100	0.106		mg/L		101	75 - 125	1	20
Cobalt	0.0013	J	0.0500	0.0534		mg/L		104	75 - 125	2	20
Copper	<0.0011		0.101	0.104		mg/L		103	75 - 125	1	20
Lead	<0.00021		0.500	0.486		mg/L		97	75 - 125	0	20
Magnesium	13		5.00	16.8		mg/L		82	75 - 125	0	20
Nickel	0.0014		0.100	0.104		mg/L		103	75 - 125	2	20
Potassium	0.96		7.00	8.10		mg/L		102	75 - 125	0	20
Selenium	<0.00099		0.100	0.0984		mg/L		98	75 - 125	0	20
Silver	<0.00039		0.0500	0.0519		mg/L		104	75 - 125	1	20
Sodium	4.5		5.00	9.16		mg/L		93	75 - 125	1	20
Thallium	<0.00026		0.0500	0.0502		mg/L		100	75 - 125	0	20
Vanadium	0.013		0.100	0.111		mg/L		98	75 - 125	1	20
Zinc	<0.0028		0.100	0.103		mg/L		103	75 - 125	0	20

Lab Sample ID: MB 680-850375/1-A
Matrix: Water
Analysis Batch: 850616

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 850375

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		08/08/24 05:54	08/08/24 15:06	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		08/08/24 05:54	08/08/24 15:06	1
Barium	<0.00089		0.010	0.00089	mg/L		08/08/24 05:54	08/08/24 15:06	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		08/08/24 05:54	08/08/24 15:06	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		08/08/24 05:54	08/08/24 15:06	1
Calcium	<0.14		0.50	0.14	mg/L		08/08/24 05:54	08/08/24 15:06	1
Chromium	<0.0012		0.0020	0.0012	mg/L		08/08/24 05:54	08/08/24 15:06	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		08/08/24 05:54	08/08/24 15:06	1
Copper	<0.0011		0.0020	0.0011	mg/L		08/08/24 05:54	08/08/24 15:06	1
Lead	<0.00021		0.0010	0.00021	mg/L		08/08/24 05:54	08/08/24 15:06	1
Magnesium	<0.023		0.50	0.023	mg/L		08/08/24 05:54	08/08/24 15:06	1
Nickel	<0.00042		0.0010	0.00042	mg/L		08/08/24 05:54	08/08/24 15:06	1
Potassium	<0.044		0.50	0.044	mg/L		08/08/24 05:54	08/08/24 15:06	1
Selenium	<0.00099		0.0050	0.00099	mg/L		08/08/24 05:54	08/08/24 15:06	1
Silver	<0.00039		0.0010	0.00039	mg/L		08/08/24 05:54	08/08/24 15:06	1
Sodium	<0.20		0.50	0.20	mg/L		08/08/24 05:54	08/08/24 15:06	1
Thallium	<0.00026		0.0010	0.00026	mg/L		08/08/24 05:54	08/08/24 15:06	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		08/08/24 05:54	08/08/24 15:06	1
Zinc	<0.0028		0.0050	0.0028	mg/L		08/08/24 05:54	08/08/24 15:06	1

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QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-254310-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 680-850375/1-A
Matrix: Water
Analysis Batch: 850907

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 850375

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Antimony	<0.00034		0.0020	0.00034	mg/L		08/08/24 05:54	08/09/24 15:04	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		08/08/24 05:54	08/09/24 15:04	1
Barium	<0.00089		0.010	0.00089	mg/L		08/08/24 05:54	08/09/24 15:04	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		08/08/24 05:54	08/09/24 15:04	1
Boron	<0.022		0.080	0.022	mg/L		08/08/24 05:54	08/09/24 15:04	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		08/08/24 05:54	08/09/24 15:04	1
Calcium	<0.14		0.50	0.14	mg/L		08/08/24 05:54	08/09/24 15:04	1
Chromium	<0.0012		0.0020	0.0012	mg/L		08/08/24 05:54	08/09/24 15:04	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		08/08/24 05:54	08/09/24 15:04	1
Copper	<0.0011		0.0020	0.0011	mg/L		08/08/24 05:54	08/09/24 15:04	1
Lead	<0.00021		0.0010	0.00021	mg/L		08/08/24 05:54	08/09/24 15:04	1
Magnesium	<0.023		0.50	0.023	mg/L		08/08/24 05:54	08/09/24 15:04	1
Nickel	<0.00042		0.0010	0.00042	mg/L		08/08/24 05:54	08/09/24 15:04	1
Potassium	<0.044		0.50	0.044	mg/L		08/08/24 05:54	08/09/24 15:04	1
Selenium	<0.00099		0.0050	0.00099	mg/L		08/08/24 05:54	08/09/24 15:04	1
Silver	<0.00039		0.0010	0.00039	mg/L		08/08/24 05:54	08/09/24 15:04	1
Sodium	<0.20		0.50	0.20	mg/L		08/08/24 05:54	08/09/24 15:04	1
Thallium	<0.00026		0.0010	0.00026	mg/L		08/08/24 05:54	08/09/24 15:04	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		08/08/24 05:54	08/09/24 15:04	1
Zinc	<0.0028		0.0050	0.0028	mg/L		08/08/24 05:54	08/09/24 15:04	1

Lab Sample ID: LCS 680-850375/2-A
Matrix: Water
Analysis Batch: 850616

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 850375

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Antimony	0.0500	0.0518		mg/L		104	80 - 120
Arsenic	0.100	0.105		mg/L		105	80 - 120
Barium	0.100	0.103		mg/L		103	80 - 120
Beryllium	0.0500	0.0534		mg/L		107	80 - 120
Cadmium	0.0500	0.0540		mg/L		108	80 - 120
Calcium	5.00	5.12		mg/L		102	80 - 120
Chromium	0.100	0.104		mg/L		104	80 - 120
Cobalt	0.0500	0.0541		mg/L		108	80 - 120
Copper	0.101	0.109		mg/L		108	80 - 120
Lead	0.500	0.496		mg/L		99	80 - 120
Magnesium	5.00	5.21		mg/L		104	80 - 120
Nickel	0.100	0.107		mg/L		107	80 - 120
Potassium	7.00	7.42		mg/L		106	80 - 120
Selenium	0.100	0.102		mg/L		102	80 - 120
Silver	0.0500	0.0538		mg/L		108	80 - 120
Sodium	5.00	5.14		mg/L		103	80 - 120
Thallium	0.0500	0.0510		mg/L		102	80 - 120
Vanadium	0.100	0.101		mg/L		101	80 - 120
Zinc	0.100	0.106		mg/L		106	80 - 120

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QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-254310-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 680-850375/2-A
Matrix: Water
Analysis Batch: 850907

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 850375

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0497		mg/L		99	80 - 120
Arsenic	0.100	0.103		mg/L		103	80 - 120
Barium	0.100	0.0988		mg/L		99	80 - 120
Beryllium	0.0500	0.0517		mg/L		103	80 - 120
Boron	0.400	0.400		mg/L		100	80 - 120
Cadmium	0.0500	0.0515		mg/L		103	80 - 120
Calcium	5.00	5.03		mg/L		101	80 - 120
Chromium	0.100	0.102		mg/L		102	80 - 120
Cobalt	0.0500	0.0528		mg/L		106	80 - 120
Copper	0.101	0.107		mg/L		106	80 - 120
Lead	0.500	0.481		mg/L		96	80 - 120
Magnesium	5.00	5.02		mg/L		100	80 - 120
Nickel	0.100	0.104		mg/L		104	80 - 120
Potassium	7.00	7.24		mg/L		103	80 - 120
Selenium	0.100	0.0990		mg/L		99	80 - 120
Silver	0.0500	0.0511		mg/L		102	80 - 120
Sodium	5.00	4.96		mg/L		99	80 - 120
Thallium	0.0500	0.0489		mg/L		98	80 - 120
Vanadium	0.100	0.0975		mg/L		98	80 - 120
Zinc	0.100	0.105		mg/L		105	80 - 120

Lab Sample ID: 680-254295-D-1-B MS
Matrix: Water
Analysis Batch: 850616

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 850375

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.00034		0.0500	0.0518		mg/L		104	75 - 125
Arsenic	0.0018		0.100	0.103		mg/L		101	75 - 125
Barium	0.011		0.100	0.112		mg/L		101	75 - 125
Beryllium	<0.00020		0.0500	0.0529		mg/L		106	75 - 125
Cadmium	0.00013	J	0.0500	0.0525		mg/L		105	75 - 125
Calcium	40		5.00	42.3	4	mg/L		37	75 - 125
Chromium	0.010		0.100	0.109		mg/L		98	75 - 125
Cobalt	0.069		0.0500	0.115		mg/L		92	75 - 125
Copper	0.019		0.101	0.118		mg/L		98	75 - 125
Lead	<0.00021		0.500	0.484		mg/L		97	75 - 125
Magnesium	17	F1	5.00	20.8	F1	mg/L		69	75 - 125
Nickel	0.0084		0.100	0.107		mg/L		99	75 - 125
Potassium	3.1		7.00	9.92		mg/L		98	75 - 125
Selenium	0.0064		0.100	0.102		mg/L		96	75 - 125
Silver	<0.00039		0.0500	0.0502		mg/L		100	75 - 125
Sodium	330		5.00	312	4	mg/L		-403	75 - 125
Thallium	<0.00026		0.0500	0.0497		mg/L		99	75 - 125
Vanadium	<0.00063		0.100	0.100		mg/L		100	75 - 125
Zinc	0.13		0.100	0.216		mg/L		89	75 - 125

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-254310-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-254295-D-1-C MSD
Matrix: Water
Analysis Batch: 850616

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 850375

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Antimony	<0.00034		0.0500	0.0521		mg/L		104	75 - 125	0	20
Arsenic	0.0018		0.100	0.105		mg/L		103	75 - 125	1	20
Barium	0.011		0.100	0.113		mg/L		102	75 - 125	2	20
Beryllium	<0.00020		0.0500	0.0533		mg/L		107	75 - 125	1	20
Cadmium	0.00013	J	0.0500	0.0526		mg/L		105	75 - 125	0	20
Calcium	40		5.00	43.1	4	mg/L		53	75 - 125	2	20
Chromium	0.010		0.100	0.110		mg/L		100	75 - 125	1	20
Cobalt	0.069		0.0500	0.116		mg/L		94	75 - 125	1	20
Copper	0.019		0.101	0.120		mg/L		99	75 - 125	1	20
Lead	<0.00021		0.500	0.493		mg/L		99	75 - 125	2	20
Magnesium	17	F1	5.00	21.2		mg/L		77	75 - 125	2	20
Nickel	0.0084		0.100	0.110		mg/L		101	75 - 125	3	20
Potassium	3.1		7.00	10.1		mg/L		101	75 - 125	2	20
Selenium	0.0064		0.100	0.105		mg/L		98	75 - 125	3	20
Silver	<0.00039		0.0500	0.0503		mg/L		101	75 - 125	0	20
Sodium	330		5.00	316	4	mg/L		-325	75 - 125	1	20
Thallium	<0.00026		0.0500	0.0506		mg/L		101	75 - 125	2	20
Vanadium	<0.00063		0.100	0.103		mg/L		103	75 - 125	2	20
Zinc	0.13		0.100	0.221		mg/L		93	75 - 125	2	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 680-850989/1-A
Matrix: Water
Analysis Batch: 851241

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 850989

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	<0.000080		0.00020	0.000080	mg/L		08/12/24 15:18	08/13/24 11:40	1

Lab Sample ID: LCS 680-850989/2-A
Matrix: Water
Analysis Batch: 851241

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 850989

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec
							Limits
Mercury	0.00250	0.00260		mg/L		104	80 - 120

Lab Sample ID: 680-254310-18 MS
Matrix: Water
Analysis Batch: 851241

Client Sample ID: SCH-GWA-17
Prep Type: Total/NA
Prep Batch: 850989

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec
	Result	Qualifier	Added	Result	Qualifier				Limits
Mercury	<0.000080		0.00100	0.000937		mg/L		94	80 - 120

Lab Sample ID: 680-254310-18 MSD
Matrix: Water
Analysis Batch: 851241

Client Sample ID: SCH-GWA-17
Prep Type: Total/NA
Prep Batch: 850989

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Mercury	<0.000080		0.00100	0.00103		mg/L		103	80 - 120	9	20

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QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-254310-1

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: MB 680-851134/1-A
Matrix: Water
Analysis Batch: 851314

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 851134

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		08/13/24 11:48	08/13/24 18:41	1

Lab Sample ID: LCS 680-851134/2-A
Matrix: Water
Analysis Batch: 851314

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 851134

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00250	0.00245		mg/L		98	80 - 120

Lab Sample ID: 680-254370-B-3-C MS
Matrix: Water
Analysis Batch: 851314

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 851134

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.000080		0.00100	0.00117		mg/L		117	80 - 120

Lab Sample ID: 680-254370-B-3-D MSD
Matrix: Water
Analysis Batch: 851314

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 851134

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.000080		0.00100	0.00119		mg/L		119	80 - 120	2	20

Lab Sample ID: MB 680-851317/1-A
Matrix: Water
Analysis Batch: 851469

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 851317

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		08/14/24 09:52	08/14/24 14:54	1

Lab Sample ID: LCS 680-851317/2-A
Matrix: Water
Analysis Batch: 851469

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 851317

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00250	0.00252		mg/L		101	80 - 120

Lab Sample ID: 400-260482-E-1-G MS
Matrix: Water
Analysis Batch: 851469

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 851317

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.000080		0.00100	0.000973		mg/L		97	80 - 120

Lab Sample ID: 400-260482-E-1-H MSD
Matrix: Water
Analysis Batch: 851469

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 851317

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.000080		0.00100	0.000942		mg/L		94	80 - 120	3	20

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QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-254310-1

Method: 2320B-2011 - Alkalinity, Total

Lab Sample ID: MB 680-850981/4
Matrix: Water
Analysis Batch: 850981

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<2.2		5.0	2.2	mg/L			08/09/24 10:55	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			08/09/24 10:55	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			08/09/24 10:55	1

Lab Sample ID: LCS 680-850981/6
Matrix: Water
Analysis Batch: 850981

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3 to pH 4.5	250	243		mg/L		97	90 - 112

Lab Sample ID: LCSD 680-850981/31
Matrix: Water
Analysis Batch: 850981

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	250	247		mg/L		99	90 - 112	1	30

Lab Sample ID: 680-254295-E-9 DU
Matrix: Water
Analysis Batch: 850981

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	3.5	J	<2.2		mg/L		NC	30
Bicarbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	30
Carbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	30

Lab Sample ID: MB 680-851361/4
Matrix: Water
Analysis Batch: 851361

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<2.2		5.0	2.2	mg/L			08/09/24 16:25	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			08/09/24 16:25	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			08/09/24 16:25	1

Lab Sample ID: LCS 680-851361/6
Matrix: Water
Analysis Batch: 851361

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3 to pH 4.5	250	246		mg/L		98	90 - 112

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-254310-1

Method: 2320B-2011 - Alkalinity, Total (Continued)

Lab Sample ID: LCSD 680-851361/31
Matrix: Water
Analysis Batch: 851361

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	250	250		mg/L		100	90 - 112	1	30

Lab Sample ID: 680-254303-C-2 DU
Matrix: Water
Analysis Batch: 851361

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	110		112		mg/L		3	30
Bicarbonate Alkalinity as CaCO3	110		112		mg/L		3	30
Carbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	30

Lab Sample ID: MB 680-851604/4
Matrix: Water
Analysis Batch: 851604

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<2.2		5.0	2.2	mg/L			08/14/24 19:22	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			08/14/24 19:22	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			08/14/24 19:22	1

Lab Sample ID: LCS 680-851604/6
Matrix: Water
Analysis Batch: 851604

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3 to pH 4.5	250	243		mg/L		97	90 - 112

Lab Sample ID: LCSD 680-851604/31
Matrix: Water
Analysis Batch: 851604

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	250	249		mg/L		99	90 - 112	2	30

Lab Sample ID: 680-254496-B-8 DU
Matrix: Water
Analysis Batch: 851604

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	180		180		mg/L		1	30
Bicarbonate Alkalinity as CaCO3	180		180		mg/L		1	30
Carbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	30

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QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-254310-1

Method: 2320B-2011 - Alkalinity, Total (Continued)

Lab Sample ID: MB 680-851607/4
Matrix: Water
Analysis Batch: 851607

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<2.2		5.0	2.2	mg/L			08/15/24 00:22	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			08/15/24 00:22	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			08/15/24 00:22	1

Lab Sample ID: LCS 680-851607/6
Matrix: Water
Analysis Batch: 851607

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3 to pH 4.5	250	245		mg/L		98	90 - 112

Lab Sample ID: LCSD 680-851607/31
Matrix: Water
Analysis Batch: 851607

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	250	244		mg/L		98	90 - 112	0	30

Lab Sample ID: 680-254310-16 DU
Matrix: Water
Analysis Batch: 851607

Client Sample ID: SCH-GWA-15
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	22		21.7		mg/L		4	30
Bicarbonate Alkalinity as CaCO3	22		21.7		mg/L		4	30
Carbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	30

Method: 2540C-2011 - Total Dissolved Solids (Dried at 180 °C)

Lab Sample ID: MB 680-850864/1
Matrix: Water
Analysis Batch: 850864

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			08/12/24 07:41	1

Lab Sample ID: LCS 680-850864/2
Matrix: Water
Analysis Batch: 850864

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	2440	2500		mg/L		103	80 - 120

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QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-254310-1

Method: 2540C-2011 - Total Dissolved Solids (Dried at 180 °C) (Continued)

Lab Sample ID: LCSD 680-850864/3
Matrix: Water
Analysis Batch: 850864

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids	2440	2470		mg/L		101	80 - 120	1	25

Lab Sample ID: 680-254295-C-2 DU
Matrix: Water
Analysis Batch: 850864

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	520		512		mg/L		0.8	5

Lab Sample ID: MB 680-850993/1
Matrix: Water
Analysis Batch: 850993

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			08/12/24 15:41	1

Lab Sample ID: LCS 680-850993/2
Matrix: Water
Analysis Batch: 850993

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	2440	2460		mg/L		101	80 - 120

Lab Sample ID: LCSD 680-850993/3
Matrix: Water
Analysis Batch: 850993

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids	2440	2460		mg/L		101	80 - 120	0	25

Lab Sample ID: 680-254310-5 DU
Matrix: Water
Analysis Batch: 850993

Client Sample ID: SCH-GWC-5
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	210		210		mg/L		2	5

Lab Sample ID: 680-254310-9 DU
Matrix: Water
Analysis Batch: 850993

Client Sample ID: SCH-GWC-9
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	170		166		mg/L		5	5

Lab Sample ID: MB 680-851076/1
Matrix: Water
Analysis Batch: 851076

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			08/13/24 08:45	1

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QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-254310-1

Method: 2540C-2011 - Total Dissolved Solids (Dried at 180 °C)

Lab Sample ID: LCS 680-851076/2
Matrix: Water
Analysis Batch: 851076

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	2440	2430		mg/L		100	80 - 120

Lab Sample ID: LCSD 680-851076/3
Matrix: Water
Analysis Batch: 851076

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids	2440	2460		mg/L		101	80 - 120	1	25

Lab Sample ID: 680-254310-21 DU
Matrix: Water
Analysis Batch: 851076

Client Sample ID: SCH-GWC-8A
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	230		224		mg/L		4	5

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-254310-1

HPLC/IC

Analysis Batch: 851636

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254310-1	SCH-GWC-1	Total/NA	Water	300.0-1993 R2.1	
680-254310-2	SCH-GWC-2	Total/NA	Water	300.0-1993 R2.1	
680-254310-3	SCH-CELL1-FB-6	Total/NA	Water	300.0-1993 R2.1	
680-254310-4	SCH-CELL1-FD-6	Total/NA	Water	300.0-1993 R2.1	
680-254310-5	SCH-GWC-5	Total/NA	Water	300.0-1993 R2.1	
680-254310-6	SCH-GWC-7	Total/NA	Water	300.0-1993 R2.1	
680-254310-8	SCH-CELL1-EB-5	Total/NA	Water	300.0-1993 R2.1	
680-254310-9	SCH-GWC-9	Total/NA	Water	300.0-1993 R2.1	
680-254310-10	SCH-CELL1-FB-5	Total/NA	Water	300.0-1993 R2.1	
680-254310-11	SCH-GWC-10	Total/NA	Water	300.0-1993 R2.1	
MB 680-851636/2	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-851636/3	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-851636/5	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
680-254310-3 MS	SCH-CELL1-FB-6	Total/NA	Water	300.0-1993 R2.1	
680-254310-3 MSD	SCH-CELL1-FB-6	Total/NA	Water	300.0-1993 R2.1	

Analysis Batch: 851836

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254310-7	SCH-GWC-20	Total/NA	Water	300.0-1993 R2.1	
680-254310-12	SCH-GWC-11	Total/NA	Water	300.0-1993 R2.1	
680-254310-14	SCH-GWC-12	Total/NA	Water	300.0-1993 R2.1	
680-254310-15	SCH-GWC-13	Total/NA	Water	300.0-1993 R2.1	
680-254310-16	SCH-GWA-15	Total/NA	Water	300.0-1993 R2.1	
680-254310-17	SCH-GWA-16	Total/NA	Water	300.0-1993 R2.1	
680-254310-18	SCH-GWA-17	Total/NA	Water	300.0-1993 R2.1	
680-254310-19	SCH-GWC-18	Total/NA	Water	300.0-1993 R2.1	
680-254310-20	SCH-GWC-19	Total/NA	Water	300.0-1993 R2.1	
680-254310-21	SCH-GWC-8A	Total/NA	Water	300.0-1993 R2.1	
MB 680-851836/3	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-851836/4	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-851836/5	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
680-254310-14 MS	SCH-GWC-12	Total/NA	Water	300.0-1993 R2.1	
680-254310-14 MSD	SCH-GWC-12	Total/NA	Water	300.0-1993 R2.1	

Analysis Batch: 852066

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254310-13	SCH-CELL1-FD-5	Total/NA	Water	300.0-1993 R2.1	
MB 680-852066/63	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-852066/70	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-852066/71	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
752-22773-B-10 MS	Matrix Spike	Total/NA	Water	300.0-1993 R2.1	
752-22773-B-10 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0-1993 R2.1	

Metals

Prep Batch: 850374

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254310-11	SCH-GWC-10	Total Recoverable	Water	3005A	
680-254310-12	SCH-GWC-11	Total Recoverable	Water	3005A	
680-254310-13	SCH-CELL1-FD-5	Total Recoverable	Water	3005A	
680-254310-14	SCH-GWC-12	Total Recoverable	Water	3005A	

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QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-254310-1

Metals (Continued)

Prep Batch: 850374 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254310-15	SCH-GWC-13	Total Recoverable	Water	3005A	
680-254310-16	SCH-GWA-15	Total Recoverable	Water	3005A	
680-254310-21	SCH-GWC-8A	Total Recoverable	Water	3005A	
MB 680-850374/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-850374/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
680-254303-B-2-B MS	Matrix Spike	Total Recoverable	Water	3005A	
680-254303-B-2-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Prep Batch: 850375

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254310-1	SCH-GWC-1	Total Recoverable	Water	3005A	
680-254310-2	SCH-GWC-2	Total Recoverable	Water	3005A	
680-254310-3	SCH-CELL1-FB-6	Total Recoverable	Water	3005A	
680-254310-4	SCH-CELL1-FD-6	Total Recoverable	Water	3005A	
680-254310-5	SCH-GWC-5	Total Recoverable	Water	3005A	
680-254310-6	SCH-GWC-7	Total Recoverable	Water	3005A	
680-254310-7	SCH-GWC-20	Total Recoverable	Water	3005A	
680-254310-8	SCH-CELL1-EB-5	Total Recoverable	Water	3005A	
680-254310-9	SCH-GWC-9	Total Recoverable	Water	3005A	
680-254310-10	SCH-CELL1-FB-5	Total Recoverable	Water	3005A	
680-254310-17	SCH-GWA-16	Total Recoverable	Water	3005A	
680-254310-18	SCH-GWA-17	Total Recoverable	Water	3005A	
680-254310-19	SCH-GWC-18	Total Recoverable	Water	3005A	
680-254310-20	SCH-GWC-19	Total Recoverable	Water	3005A	
MB 680-850375/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-850375/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
680-254295-D-1-B MS	Matrix Spike	Total Recoverable	Water	3005A	
680-254295-D-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Analysis Batch: 850616

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254310-1	SCH-GWC-1	Total Recoverable	Water	6020B	850375
680-254310-2	SCH-GWC-2	Total Recoverable	Water	6020B	850375
680-254310-3	SCH-CELL1-FB-6	Total Recoverable	Water	6020B	850375
680-254310-4	SCH-CELL1-FD-6	Total Recoverable	Water	6020B	850375
680-254310-5	SCH-GWC-5	Total Recoverable	Water	6020B	850375
680-254310-6	SCH-GWC-7	Total Recoverable	Water	6020B	850375
680-254310-7	SCH-GWC-20	Total Recoverable	Water	6020B	850375
680-254310-8	SCH-CELL1-EB-5	Total Recoverable	Water	6020B	850375
680-254310-9	SCH-GWC-9	Total Recoverable	Water	6020B	850375
680-254310-10	SCH-CELL1-FB-5	Total Recoverable	Water	6020B	850375
680-254310-17	SCH-GWA-16	Total Recoverable	Water	6020B	850375
680-254310-18	SCH-GWA-17	Total Recoverable	Water	6020B	850375
680-254310-19	SCH-GWC-18	Total Recoverable	Water	6020B	850375
680-254310-20	SCH-GWC-19	Total Recoverable	Water	6020B	850375
MB 680-850375/1-A	Method Blank	Total Recoverable	Water	6020B	850375
LCS 680-850375/2-A	Lab Control Sample	Total Recoverable	Water	6020B	850375
680-254295-D-1-B MS	Matrix Spike	Total Recoverable	Water	6020B	850375
680-254295-D-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	850375

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-254310-1

Metals

Analysis Batch: 850907

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254310-1	SCH-GWC-1	Total Recoverable	Water	6020B	850375
680-254310-2	SCH-GWC-2	Total Recoverable	Water	6020B	850375
680-254310-3	SCH-CELL1-FB-6	Total Recoverable	Water	6020B	850375
680-254310-4	SCH-CELL1-FD-6	Total Recoverable	Water	6020B	850375
680-254310-5	SCH-GWC-5	Total Recoverable	Water	6020B	850375
680-254310-6	SCH-GWC-7	Total Recoverable	Water	6020B	850375
680-254310-7	SCH-GWC-20	Total Recoverable	Water	6020B	850375
680-254310-8	SCH-CELL1-EB-5	Total Recoverable	Water	6020B	850375
680-254310-9	SCH-GWC-9	Total Recoverable	Water	6020B	850375
680-254310-10	SCH-CELL1-FB-5	Total Recoverable	Water	6020B	850375
680-254310-11	SCH-GWC-10	Total Recoverable	Water	6020B	850374
680-254310-12	SCH-GWC-11	Total Recoverable	Water	6020B	850374
680-254310-13	SCH-CELL1-FD-5	Total Recoverable	Water	6020B	850374
680-254310-14	SCH-GWC-12	Total Recoverable	Water	6020B	850374
680-254310-15	SCH-GWC-13	Total Recoverable	Water	6020B	850374
680-254310-16	SCH-GWA-15	Total Recoverable	Water	6020B	850374
680-254310-17	SCH-GWA-16	Total Recoverable	Water	6020B	850375
680-254310-18	SCH-GWA-17	Total Recoverable	Water	6020B	850375
680-254310-19	SCH-GWC-18	Total Recoverable	Water	6020B	850375
680-254310-20	SCH-GWC-19	Total Recoverable	Water	6020B	850375
680-254310-21	SCH-GWC-8A	Total Recoverable	Water	6020B	850374
MB 680-850374/1-A	Method Blank	Total Recoverable	Water	6020B	850374
MB 680-850375/1-A	Method Blank	Total Recoverable	Water	6020B	850375
LCS 680-850374/2-A	Lab Control Sample	Total Recoverable	Water	6020B	850374
LCS 680-850375/2-A	Lab Control Sample	Total Recoverable	Water	6020B	850375
680-254303-B-2-B MS	Matrix Spike	Total Recoverable	Water	6020B	850374
680-254303-B-2-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	850374

Prep Batch: 850989

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254310-1	SCH-GWC-1	Total/NA	Water	7470A	
680-254310-2	SCH-GWC-2	Total/NA	Water	7470A	
680-254310-3	SCH-CELL1-FB-6	Total/NA	Water	7470A	
680-254310-4	SCH-CELL1-FD-6	Total/NA	Water	7470A	
680-254310-5	SCH-GWC-5	Total/NA	Water	7470A	
680-254310-6	SCH-GWC-7	Total/NA	Water	7470A	
680-254310-7	SCH-GWC-20	Total/NA	Water	7470A	
680-254310-8	SCH-CELL1-EB-5	Total/NA	Water	7470A	
680-254310-9	SCH-GWC-9	Total/NA	Water	7470A	
680-254310-10	SCH-CELL1-FB-5	Total/NA	Water	7470A	
680-254310-15	SCH-GWC-13	Total/NA	Water	7470A	
680-254310-16	SCH-GWA-15	Total/NA	Water	7470A	
680-254310-17	SCH-GWA-16	Total/NA	Water	7470A	
680-254310-18	SCH-GWA-17	Total/NA	Water	7470A	
MB 680-850989/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-850989/2-A	Lab Control Sample	Total/NA	Water	7470A	
680-254310-18 MS	SCH-GWA-17	Total/NA	Water	7470A	
680-254310-18 MSD	SCH-GWA-17	Total/NA	Water	7470A	

QC Association Summary

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-254310-1

Metals

Prep Batch: 851134

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254310-11	SCH-GWC-10	Total/NA	Water	7470A	
680-254310-12	SCH-GWC-11	Total/NA	Water	7470A	
680-254310-13	SCH-CELL1-FD-5	Total/NA	Water	7470A	
680-254310-14	SCH-GWC-12	Total/NA	Water	7470A	
680-254310-20	SCH-GWC-19	Total/NA	Water	7470A	
680-254310-21	SCH-GWC-8A	Total/NA	Water	7470A	
MB 680-851134/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-851134/2-A	Lab Control Sample	Total/NA	Water	7470A	
680-254370-B-3-C MS	Matrix Spike	Total/NA	Water	7470A	
680-254370-B-3-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 851241

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254310-1	SCH-GWC-1	Total/NA	Water	7470A	850989
680-254310-2	SCH-GWC-2	Total/NA	Water	7470A	850989
680-254310-3	SCH-CELL1-FB-6	Total/NA	Water	7470A	850989
680-254310-4	SCH-CELL1-FD-6	Total/NA	Water	7470A	850989
680-254310-5	SCH-GWC-5	Total/NA	Water	7470A	850989
680-254310-6	SCH-GWC-7	Total/NA	Water	7470A	850989
680-254310-7	SCH-GWC-20	Total/NA	Water	7470A	850989
680-254310-8	SCH-CELL1-EB-5	Total/NA	Water	7470A	850989
680-254310-9	SCH-GWC-9	Total/NA	Water	7470A	850989
680-254310-10	SCH-CELL1-FB-5	Total/NA	Water	7470A	850989
680-254310-15	SCH-GWC-13	Total/NA	Water	7470A	850989
680-254310-16	SCH-GWA-15	Total/NA	Water	7470A	850989
680-254310-17	SCH-GWA-16	Total/NA	Water	7470A	850989
680-254310-18	SCH-GWA-17	Total/NA	Water	7470A	850989
MB 680-850989/1-A	Method Blank	Total/NA	Water	7470A	850989
LCS 680-850989/2-A	Lab Control Sample	Total/NA	Water	7470A	850989
680-254310-18 MS	SCH-GWA-17	Total/NA	Water	7470A	850989
680-254310-18 MSD	SCH-GWA-17	Total/NA	Water	7470A	850989

Analysis Batch: 851314

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254310-11	SCH-GWC-10	Total/NA	Water	7470A	851134
680-254310-12	SCH-GWC-11	Total/NA	Water	7470A	851134
680-254310-13	SCH-CELL1-FD-5	Total/NA	Water	7470A	851134
680-254310-14	SCH-GWC-12	Total/NA	Water	7470A	851134
680-254310-20	SCH-GWC-19	Total/NA	Water	7470A	851134
680-254310-21	SCH-GWC-8A	Total/NA	Water	7470A	851134
MB 680-851134/1-A	Method Blank	Total/NA	Water	7470A	851134
LCS 680-851134/2-A	Lab Control Sample	Total/NA	Water	7470A	851134
680-254370-B-3-C MS	Matrix Spike	Total/NA	Water	7470A	851134
680-254370-B-3-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	851134

Prep Batch: 851317

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254310-19	SCH-GWC-18	Total/NA	Water	7470A	
MB 680-851317/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-851317/2-A	Lab Control Sample	Total/NA	Water	7470A	
400-260482-E-1-G MS	Matrix Spike	Total/NA	Water	7470A	

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QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-254310-1

Metals (Continued)

Prep Batch: 851317 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-260482-E-1-H MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 851469

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254310-19	SCH-GWC-18	Total/NA	Water	7470A	851317
MB 680-851317/1-A	Method Blank	Total/NA	Water	7470A	851317
LCS 680-851317/2-A	Lab Control Sample	Total/NA	Water	7470A	851317
400-260482-E-1-G MS	Matrix Spike	Total/NA	Water	7470A	851317
400-260482-E-1-H MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	851317

General Chemistry

Analysis Batch: 850864

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254310-1	SCH-GWC-1	Total/NA	Water	2540C-2011	
680-254310-2	SCH-GWC-2	Total/NA	Water	2540C-2011	
680-254310-3	SCH-CELL1-FB-6	Total/NA	Water	2540C-2011	
680-254310-4	SCH-CELL1-FD-6	Total/NA	Water	2540C-2011	
MB 680-850864/1	Method Blank	Total/NA	Water	2540C-2011	
LCS 680-850864/2	Lab Control Sample	Total/NA	Water	2540C-2011	
LCSD 680-850864/3	Lab Control Sample Dup	Total/NA	Water	2540C-2011	
680-254295-C-2 DU	Duplicate	Total/NA	Water	2540C-2011	

Analysis Batch: 850981

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254310-1	SCH-GWC-1	Total/NA	Water	2320B-2011	
680-254310-2	SCH-GWC-2	Total/NA	Water	2320B-2011	
680-254310-3	SCH-CELL1-FB-6	Total/NA	Water	2320B-2011	
680-254310-4	SCH-CELL1-FD-6	Total/NA	Water	2320B-2011	
680-254310-5	SCH-GWC-5	Total/NA	Water	2320B-2011	
680-254310-6	SCH-GWC-7	Total/NA	Water	2320B-2011	
680-254310-7	SCH-GWC-20	Total/NA	Water	2320B-2011	
MB 680-850981/4	Method Blank	Total/NA	Water	2320B-2011	
LCS 680-850981/6	Lab Control Sample	Total/NA	Water	2320B-2011	
LCSD 680-850981/31	Lab Control Sample Dup	Total/NA	Water	2320B-2011	
680-254295-E-9 DU	Duplicate	Total/NA	Water	2320B-2011	

Analysis Batch: 850993

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254310-5	SCH-GWC-5	Total/NA	Water	2540C-2011	
680-254310-6	SCH-GWC-7	Total/NA	Water	2540C-2011	
680-254310-7	SCH-GWC-20	Total/NA	Water	2540C-2011	
680-254310-8	SCH-CELL1-EB-5	Total/NA	Water	2540C-2011	
680-254310-9	SCH-GWC-9	Total/NA	Water	2540C-2011	
680-254310-10	SCH-CELL1-FB-5	Total/NA	Water	2540C-2011	
680-254310-11	SCH-GWC-10	Total/NA	Water	2540C-2011	
680-254310-12	SCH-GWC-11	Total/NA	Water	2540C-2011	
680-254310-13	SCH-CELL1-FD-5	Total/NA	Water	2540C-2011	
MB 680-850993/1	Method Blank	Total/NA	Water	2540C-2011	
LCS 680-850993/2	Lab Control Sample	Total/NA	Water	2540C-2011	
LCSD 680-850993/3	Lab Control Sample Dup	Total/NA	Water	2540C-2011	

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QC Association Summary

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-254310-1

General Chemistry (Continued)

Analysis Batch: 850993 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254310-5 DU	SCH-GWC-5	Total/NA	Water	2540C-2011	
680-254310-9 DU	SCH-GWC-9	Total/NA	Water	2540C-2011	

Analysis Batch: 851076

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254310-14	SCH-GWC-12	Total/NA	Water	2540C-2011	
680-254310-15	SCH-GWC-13	Total/NA	Water	2540C-2011	
680-254310-16	SCH-GWA-15	Total/NA	Water	2540C-2011	
680-254310-17	SCH-GWA-16	Total/NA	Water	2540C-2011	
680-254310-18	SCH-GWA-17	Total/NA	Water	2540C-2011	
680-254310-19	SCH-GWC-18	Total/NA	Water	2540C-2011	
680-254310-20	SCH-GWC-19	Total/NA	Water	2540C-2011	
680-254310-21	SCH-GWC-8A	Total/NA	Water	2540C-2011	
MB 680-851076/1	Method Blank	Total/NA	Water	2540C-2011	
LCS 680-851076/2	Lab Control Sample	Total/NA	Water	2540C-2011	
LCSD 680-851076/3	Lab Control Sample Dup	Total/NA	Water	2540C-2011	
680-254310-21 DU	SCH-GWC-8A	Total/NA	Water	2540C-2011	

Analysis Batch: 851361

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254310-8	SCH-CELL1-EB-5	Total/NA	Water	2320B-2011	
680-254310-9	SCH-GWC-9	Total/NA	Water	2320B-2011	
680-254310-10	SCH-CELL1-FB-5	Total/NA	Water	2320B-2011	
680-254310-11	SCH-GWC-10	Total/NA	Water	2320B-2011	
680-254310-12	SCH-GWC-11	Total/NA	Water	2320B-2011	
680-254310-13	SCH-CELL1-FD-5	Total/NA	Water	2320B-2011	
MB 680-851361/4	Method Blank	Total/NA	Water	2320B-2011	
LCS 680-851361/6	Lab Control Sample	Total/NA	Water	2320B-2011	
LCSD 680-851361/31	Lab Control Sample Dup	Total/NA	Water	2320B-2011	
680-254303-C-2 DU	Duplicate	Total/NA	Water	2320B-2011	

Analysis Batch: 851604

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254310-14	SCH-GWC-12	Total/NA	Water	2320B-2011	
680-254310-15	SCH-GWC-13	Total/NA	Water	2320B-2011	
680-254310-17	SCH-GWA-16	Total/NA	Water	2320B-2011	
680-254310-18	SCH-GWA-17	Total/NA	Water	2320B-2011	
680-254310-21	SCH-GWC-8A	Total/NA	Water	2320B-2011	
MB 680-851604/4	Method Blank	Total/NA	Water	2320B-2011	
LCS 680-851604/6	Lab Control Sample	Total/NA	Water	2320B-2011	
LCSD 680-851604/31	Lab Control Sample Dup	Total/NA	Water	2320B-2011	
680-254496-B-8 DU	Duplicate	Total/NA	Water	2320B-2011	

Analysis Batch: 851607

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254310-16	SCH-GWA-15	Total/NA	Water	2320B-2011	
680-254310-19	SCH-GWC-18	Total/NA	Water	2320B-2011	
680-254310-20	SCH-GWC-19	Total/NA	Water	2320B-2011	
MB 680-851607/4	Method Blank	Total/NA	Water	2320B-2011	
LCS 680-851607/6	Lab Control Sample	Total/NA	Water	2320B-2011	
LCSD 680-851607/31	Lab Control Sample Dup	Total/NA	Water	2320B-2011	

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QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-254310-1

General Chemistry (Continued)

Analysis Batch: 851607 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254310-16 DU	SCH-GWA-15	Total/NA	Water	2320B-2011	

1

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Lab Chronicle

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-254310-1

Client Sample ID: SCH-GWC-1

Lab Sample ID: 680-254310-1

Date Collected: 08/06/24 14:45

Matrix: Water

Date Received: 08/07/24 11:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1 Instrument ID: CICP		1	5 mL	5 mL	851636	08/15/24 17:01	KMB	EET SAV
Total Recoverable	Prep	3005A			25 mL	125 mL	850375	08/08/24 05:59	RR	EET SAV
Total Recoverable	Analysis	6020B Instrument ID: ICPMSD		1			850616	08/08/24 16:17	BWR	EET SAV
Total Recoverable	Prep	3005A			25 mL	125 mL	850375	08/08/24 05:59	RR	EET SAV
Total Recoverable	Analysis	6020B Instrument ID: ICPMSD		1			850907	08/09/24 16:15	BWR	EET SAV
Total/NA	Prep	7470A			50 mL	50 mL	850989	08/12/24 15:18	MG	EET SAV
Total/NA	Analysis	7470A Instrument ID: QuickTrace3		1			851241	08/13/24 12:30	BJB	EET SAV
Total/NA	Analysis	2320B-2011 Instrument ID: MANTECH 2		1			850981	08/09/24 14:05	ALG	EET SAV
Total/NA	Analysis	2540C-2011 Instrument ID: NOEQUIP		1	200 mL	200 mL	850864	08/12/24 07:41	AS	EET SAV

Client Sample ID: SCH-GWC-2

Lab Sample ID: 680-254310-2

Date Collected: 08/06/24 13:16

Matrix: Water

Date Received: 08/07/24 11:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1 Instrument ID: CICP		1	5 mL	5 mL	851636	08/15/24 18:25	KMB	EET SAV
Total Recoverable	Prep	3005A			25 mL	125 mL	850375	08/08/24 05:54	RR	EET SAV
Total Recoverable	Analysis	6020B Instrument ID: ICPMSD		1			850616	08/08/24 16:14	BWR	EET SAV
Total Recoverable	Prep	3005A			25 mL	125 mL	850375	08/08/24 05:54	RR	EET SAV
Total Recoverable	Analysis	6020B Instrument ID: ICPMSD		1			850907	08/09/24 16:12	BWR	EET SAV
Total/NA	Prep	7470A			50 mL	50 mL	850989	08/12/24 15:18	MG	EET SAV
Total/NA	Analysis	7470A Instrument ID: QuickTrace3		1			851241	08/13/24 12:35	BJB	EET SAV
Total/NA	Analysis	2320B-2011 Instrument ID: MANTECH 2		1			850981	08/09/24 14:14	ALG	EET SAV
Total/NA	Analysis	2540C-2011 Instrument ID: NOEQUIP		1	200 mL	200 mL	850864	08/12/24 07:41	AS	EET SAV

Client Sample ID: SCH-CELL1-FB-6

Lab Sample ID: 680-254310-3

Date Collected: 08/06/24 12:00

Matrix: Water

Date Received: 08/07/24 11:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1 Instrument ID: CICP		1	5 mL	5 mL	851636	08/15/24 18:34	KMB	EET SAV

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Lab Chronicle

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-254310-1

Client Sample ID: SCH-CELL1-FB-6
Date Collected: 08/06/24 12:00
Date Received: 08/07/24 11:30

Lab Sample ID: 680-254310-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			25 mL	125 mL	850375	08/08/24 05:54	RR	EET SAV
Total Recoverable	Analysis	6020B		1			850616	08/08/24 16:11	BWR	EET SAV
Instrument ID: ICPMSD										
Total Recoverable	Prep	3005A			25 mL	125 mL	850375	08/08/24 05:54	RR	EET SAV
Total Recoverable	Analysis	6020B		1			850907	08/09/24 16:10	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	850989	08/12/24 15:18	MG	EET SAV
Total/NA	Analysis	7470A		1			851241	08/13/24 12:04	BJB	EET SAV
Instrument ID: QuickTrace3										
Total/NA	Analysis	2320B-2011		1			850981	08/09/24 14:31	ALG	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	850864	08/12/24 07:41	AS	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-CELL1-FD-6
Date Collected: 08/06/24 00:00
Date Received: 08/07/24 11:30

Lab Sample ID: 680-254310-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	851636	08/15/24 19:04	KMB	EET SAV
Instrument ID: CICP										
Total Recoverable	Prep	3005A			25 mL	125 mL	850375	08/08/24 05:54	RR	EET SAV
Total Recoverable	Analysis	6020B		1			850616	08/08/24 16:09	BWR	EET SAV
Instrument ID: ICPMSD										
Total Recoverable	Prep	3005A			25 mL	125 mL	850375	08/08/24 05:54	RR	EET SAV
Total Recoverable	Analysis	6020B		1			850907	08/09/24 16:02	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	850989	08/12/24 15:18	MG	EET SAV
Total/NA	Analysis	7470A		1			851241	08/13/24 12:41	BJB	EET SAV
Instrument ID: QuickTrace3										
Total/NA	Analysis	2320B-2011		1			850981	08/09/24 13:48	ALG	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	850864	08/12/24 07:41	AS	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWC-5
Date Collected: 08/06/24 10:17
Date Received: 08/07/24 11:30

Lab Sample ID: 680-254310-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		2	5 mL	5 mL	851636	08/15/24 19:14	KMB	EET SAV
Instrument ID: CICP										
Total Recoverable	Prep	3005A			25 mL	125 mL	850375	08/08/24 05:54	RR	EET SAV
Total Recoverable	Analysis	6020B		1			850616	08/08/24 16:06	BWR	EET SAV
Instrument ID: ICPMSD										

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Lab Chronicle

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-254310-1

Client Sample ID: SCH-GWC-5

Lab Sample ID: 680-254310-5

Date Collected: 08/06/24 10:17

Matrix: Water

Date Received: 08/07/24 11:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			25 mL	125 mL	850375	08/08/24 05:54	RR	EET SAV
Total Recoverable	Analysis	6020B		1			850907	08/09/24 15:59	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	850989	08/12/24 15:18	MG	EET SAV
Total/NA	Analysis	7470A		1			851241	08/13/24 12:06	BJB	EET SAV
Instrument ID: QuickTrace3										
Total/NA	Analysis	2320B-2011		1			850981	08/09/24 14:37	ALG	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	850993	08/12/24 15:41	AS	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWC-7

Lab Sample ID: 680-254310-6

Date Collected: 08/06/24 09:11

Matrix: Water

Date Received: 08/07/24 11:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	851636	08/15/24 19:33	KMB	EET SAV
Instrument ID: CICP										
Total Recoverable	Prep	3005A			25 mL	125 mL	850375	08/08/24 05:54	RR	EET SAV
Total Recoverable	Analysis	6020B		1			850616	08/08/24 16:03	BWR	EET SAV
Instrument ID: ICPMSD										
Total Recoverable	Prep	3005A			25 mL	125 mL	850375	08/08/24 05:54	RR	EET SAV
Total Recoverable	Analysis	6020B		1			850907	08/09/24 15:56	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	850989	08/12/24 15:18	MG	EET SAV
Total/NA	Analysis	7470A		1			851241	08/13/24 12:17	BJB	EET SAV
Instrument ID: QuickTrace3										
Total/NA	Analysis	2320B-2011		1			850981	08/09/24 14:23	ALG	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	850993	08/12/24 15:41	AS	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWC-20

Lab Sample ID: 680-254310-7

Date Collected: 08/06/24 14:05

Matrix: Water

Date Received: 08/07/24 11:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	2 mL	2 mL	851836	08/16/24 14:21	BS	EET SAV
Instrument ID: CICR										
Total Recoverable	Prep	3005A			25 mL	125 mL	850375	08/08/24 05:54	RR	EET SAV
Total Recoverable	Analysis	6020B		1			850616	08/08/24 16:01	BWR	EET SAV
Instrument ID: ICPMSD										
Total Recoverable	Prep	3005A			25 mL	125 mL	850375	08/08/24 05:54	RR	EET SAV
Total Recoverable	Analysis	6020B		1			850907	08/09/24 15:53	BWR	EET SAV
Instrument ID: ICPMSD										

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Lab Chronicle

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-254310-1

Client Sample ID: SCH-GWC-20
Date Collected: 08/06/24 14:05
Date Received: 08/07/24 11:30

Lab Sample ID: 680-254310-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			50 mL	50 mL	850989	08/12/24 15:18	MG	EET SAV
Total/NA	Analysis	7470A		1			851241	08/13/24 12:15	BJB	EET SAV
Instrument ID: QuickTrace3										
Total/NA	Analysis	2320B-2011		1			850981	08/09/24 13:56	ALG	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	850993	08/12/24 15:41	AS	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-CELL1-EB-5
Date Collected: 08/06/24 12:05
Date Received: 08/07/24 11:30

Lab Sample ID: 680-254310-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	851636	08/15/24 19:53	KMB	EET SAV
Instrument ID: CICP										
Total Recoverable	Prep	3005A			25 mL	125 mL	850375	08/08/24 05:54	RR	EET SAV
Total Recoverable	Analysis	6020B		1			850616	08/08/24 15:52	BWR	EET SAV
Instrument ID: ICPMSD										
Total Recoverable	Prep	3005A			25 mL	125 mL	850375	08/08/24 05:54	RR	EET SAV
Total Recoverable	Analysis	6020B		1			850907	08/09/24 15:51	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	850989	08/12/24 15:18	MG	EET SAV
Total/NA	Analysis	7470A		1			851241	08/13/24 12:28	BJB	EET SAV
Instrument ID: QuickTrace3										
Total/NA	Analysis	2320B-2011		1			851361	08/09/24 17:11	PG	EET SAV
Instrument ID: NOEQUIP										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	850993	08/12/24 15:41	AS	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWC-9
Date Collected: 08/06/24 13:36
Date Received: 08/07/24 11:30

Lab Sample ID: 680-254310-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	851636	08/15/24 20:03	KMB	EET SAV
Instrument ID: CICP										
Total Recoverable	Prep	3005A			25 mL	125 mL	850375	08/08/24 05:54	RR	EET SAV
Total Recoverable	Analysis	6020B		1			850616	08/08/24 15:50	BWR	EET SAV
Instrument ID: ICPMSD										
Total Recoverable	Prep	3005A			25 mL	125 mL	850375	08/08/24 05:54	RR	EET SAV
Total Recoverable	Analysis	6020B		1			850907	08/09/24 15:48	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	850989	08/12/24 15:18	MG	EET SAV
Total/NA	Analysis	7470A		1			851241	08/13/24 12:26	BJB	EET SAV
Instrument ID: QuickTrace3										

Lab Chronicle

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-254310-1

Client Sample ID: SCH-GWC-9

Lab Sample ID: 680-254310-9

Date Collected: 08/06/24 13:36

Matrix: Water

Date Received: 08/07/24 11:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2320B-2011		1			851361	08/09/24 17:44	PG	EET SAV
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	850993	08/12/24 15:41	AS	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-CELL1-FB-5

Lab Sample ID: 680-254310-10

Date Collected: 08/06/24 14:02

Matrix: Water

Date Received: 08/07/24 11:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	851636	08/15/24 20:12	KMB	EET SAV
Instrument ID: CICIP										
Total Recoverable	Prep	3005A			25 mL	125 mL	850375	08/08/24 05:54	RR	EET SAV
Total Recoverable	Analysis	6020B		1			850616	08/08/24 15:47	BWR	EET SAV
Instrument ID: ICPMSD										
Total Recoverable	Prep	3005A			25 mL	125 mL	850375	08/08/24 05:54	RR	EET SAV
Total Recoverable	Analysis	6020B		1			850907	08/09/24 15:45	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	850989	08/12/24 15:18	MG	EET SAV
Total/NA	Analysis	7470A		1			851241	08/13/24 12:33	BJB	EET SAV
Instrument ID: QuickTrace3										
Total/NA	Analysis	2320B-2011		1			851361	08/09/24 17:06	PG	EET SAV
Instrument ID: NOEQUIP										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	850993	08/12/24 15:41	AS	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWC-10

Lab Sample ID: 680-254310-11

Date Collected: 08/06/24 12:35

Matrix: Water

Date Received: 08/07/24 11:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	851636	08/15/24 20:22	KMB	EET SAV
Instrument ID: CICIP										
Total Recoverable	Prep	3005A			25 mL	125 mL	850374	08/08/24 05:54	RR	EET SAV
Total Recoverable	Analysis	6020B		1			850907	08/09/24 14:47	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	851134	08/13/24 11:48	MG	EET SAV
Total/NA	Analysis	7470A		1			851314	08/13/24 19:01	BJB	EET SAV
Instrument ID: QuickTrace3										
Total/NA	Analysis	2320B-2011		1			851361	08/09/24 17:36	PG	EET SAV
Instrument ID: NOEQUIP										
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	850993	08/12/24 15:41	AS	EET SAV
Instrument ID: NOEQUIP										

Lab Chronicle

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-254310-1

Client Sample ID: SCH-GWC-11
Date Collected: 08/06/24 11:45
Date Received: 08/07/24 11:30

Lab Sample ID: 680-254310-12
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1 Instrument ID: CICR		1	2 mL	2 mL	851836	08/16/24 14:28	BS	EET SAV
Total Recoverable	Prep	3005A			25 mL	125 mL	850374	08/08/24 05:54	RR	EET SAV
Total Recoverable	Analysis	6020B Instrument ID: ICPMSD		1			850907	08/09/24 14:39	BWR	EET SAV
Total/NA	Prep	7470A			50 mL	50 mL	851134	08/13/24 11:48	MG	EET SAV
Total/NA	Analysis	7470A Instrument ID: QuickTrace3		1			851314	08/13/24 19:07	BJB	EET SAV
Total/NA	Analysis	2320B-2011 Instrument ID: NOEQUIP		1			851361	08/09/24 17:20	PG	EET SAV
Total/NA	Analysis	2540C-2011 Instrument ID: NOEQUIP		1	200 mL	200 mL	850993	08/12/24 15:41	AS	EET SAV

Client Sample ID: SCH-CELL1-FD-5
Date Collected: 08/06/24 00:00
Date Received: 08/07/24 11:30

Lab Sample ID: 680-254310-13
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1 Instrument ID: CICR		1	2 mL	2 mL	852066	08/16/24 22:10	BS	EET SAV
Total Recoverable	Prep	3005A			25 mL	125 mL	850374	08/08/24 05:54	RR	EET SAV
Total Recoverable	Analysis	6020B Instrument ID: ICPMSD		1			850907	08/09/24 14:36	BWR	EET SAV
Total/NA	Prep	7470A			50 mL	50 mL	851134	08/13/24 11:48	MG	EET SAV
Total/NA	Analysis	7470A Instrument ID: QuickTrace3		1			851314	08/13/24 19:10	BJB	EET SAV
Total/NA	Analysis	2320B-2011 Instrument ID: NOEQUIP		1			851361	08/09/24 17:27	PG	EET SAV
Total/NA	Analysis	2540C-2011 Instrument ID: NOEQUIP		1	200 mL	200 mL	850993	08/12/24 15:41	AS	EET SAV

Client Sample ID: SCH-GWC-12
Date Collected: 08/06/24 10:39
Date Received: 08/07/24 11:30

Lab Sample ID: 680-254310-14
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1 Instrument ID: CICR		1	2 mL	2 mL	851836	08/16/24 14:41	BS	EET SAV
Total Recoverable	Prep	3005A			25 mL	125 mL	850374	08/08/24 05:59	RR	EET SAV
Total Recoverable	Analysis	6020B Instrument ID: ICPMSD		1			850907	08/09/24 14:53	BWR	EET SAV
Total/NA	Prep	7470A			50 mL	50 mL	851134	08/13/24 11:48	MG	EET SAV
Total/NA	Analysis	7470A Instrument ID: QuickTrace3		1			851314	08/13/24 19:36	BJB	EET SAV

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Lab Chronicle

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-254310-1

Client Sample ID: SCH-GWC-12

Lab Sample ID: 680-254310-14

Date Collected: 08/06/24 10:39

Matrix: Water

Date Received: 08/07/24 11:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2320B-2011		1			851604	08/14/24 22:16	PG	EET SAV
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	851076	08/13/24 08:45	AS	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWC-13

Lab Sample ID: 680-254310-15

Date Collected: 08/06/24 09:40

Matrix: Water

Date Received: 08/07/24 11:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	2 mL	2 mL	851836	08/16/24 15:15	BS	EET SAV
Instrument ID: CICR										
Total Recoverable	Prep	3005A			25 mL	125 mL	850374	08/08/24 05:54	RR	EET SAV
Total Recoverable	Analysis	6020B		1			850907	08/09/24 14:50	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	850989	08/12/24 15:18	MG	EET SAV
Total/NA	Analysis	7470A		1			851241	08/13/24 11:58	BJB	EET SAV
Instrument ID: QuickTrace3										
Total/NA	Analysis	2320B-2011		1			851604	08/14/24 22:09	PG	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	851076	08/13/24 08:45	AS	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWA-15

Lab Sample ID: 680-254310-16

Date Collected: 08/06/24 15:47

Matrix: Water

Date Received: 08/07/24 11:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	2 mL	2 mL	851836	08/16/24 15:22	BS	EET SAV
Instrument ID: CICR										
Total Recoverable	Prep	3005A			25 mL	125 mL	850374	08/08/24 05:59	RR	EET SAV
Total Recoverable	Analysis	6020B		1			850907	08/09/24 14:56	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	850989	08/12/24 15:18	MG	EET SAV
Total/NA	Analysis	7470A		1			851241	08/13/24 12:00	BJB	EET SAV
Instrument ID: QuickTrace3										
Total/NA	Analysis	2320B-2011		1			851607	08/15/24 00:47	PG	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	851076	08/13/24 08:45	AS	EET SAV
Instrument ID: NOEQUIP										

Lab Chronicle

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-254310-1

Client Sample ID: SCH-GWA-16

Lab Sample ID: 680-254310-17

Date Collected: 08/06/24 15:10

Matrix: Water

Date Received: 08/07/24 11:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1 Instrument ID: CICR		1	2 mL	2 mL	851836	08/16/24 15:28	BS	EET SAV
Total Recoverable	Prep	3005A			25 mL	125 mL	850375	08/08/24 05:54	RR	EET SAV
Total Recoverable	Analysis	6020B Instrument ID: ICPMSD		1			850616	08/08/24 15:41	BWR	EET SAV
Total Recoverable	Prep	3005A			25 mL	125 mL	850375	08/08/24 05:54	RR	EET SAV
Total Recoverable	Analysis	6020B Instrument ID: ICPMSD		1			850907	08/09/24 15:40	BWR	EET SAV
Total/NA	Prep	7470A			50 mL	50 mL	850989	08/12/24 15:18	MG	EET SAV
Total/NA	Analysis	7470A Instrument ID: QuickTrace3		1			851241	08/13/24 11:56	BJB	EET SAV
Total/NA	Analysis	2320B-2011 Instrument ID: MANTECH 2		1			851604	08/14/24 22:33	PG	EET SAV
Total/NA	Analysis	2540C-2011 Instrument ID: NOEQUIP		1	200 mL	200 mL	851076	08/13/24 08:45	AS	EET SAV

Client Sample ID: SCH-GWA-17

Lab Sample ID: 680-254310-18

Date Collected: 08/06/24 12:55

Matrix: Water

Date Received: 08/07/24 11:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1 Instrument ID: CICR		1	2 mL	2 mL	851836	08/16/24 16:03	BS	EET SAV
Total Recoverable	Prep	3005A			25 mL	125 mL	850375	08/08/24 05:54	RR	EET SAV
Total Recoverable	Analysis	6020B Instrument ID: ICPMSD		1			850616	08/08/24 15:39	BWR	EET SAV
Total Recoverable	Prep	3005A			25 mL	125 mL	850375	08/08/24 05:54	RR	EET SAV
Total Recoverable	Analysis	6020B Instrument ID: ICPMSD		1			850907	08/09/24 15:37	BWR	EET SAV
Total/NA	Prep	7470A			50 mL	50 mL	850989	08/12/24 15:18	MG	EET SAV
Total/NA	Analysis	7470A Instrument ID: QuickTrace3		1			851241	08/13/24 11:49	BJB	EET SAV
Total/NA	Analysis	2320B-2011 Instrument ID: MANTECH 2		1			851604	08/14/24 22:24	PG	EET SAV
Total/NA	Analysis	2540C-2011 Instrument ID: NOEQUIP		1	200 mL	200 mL	851076	08/13/24 08:45	AS	EET SAV

Client Sample ID: SCH-GWC-18

Lab Sample ID: 680-254310-19

Date Collected: 08/06/24 15:40

Matrix: Water

Date Received: 08/07/24 11:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1 Instrument ID: CICR		1	2 mL	2 mL	851836	08/16/24 16:10	BS	EET SAV

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Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-254310-1

Client Sample ID: SCH-GWC-18
Date Collected: 08/06/24 15:40
Date Received: 08/07/24 11:30

Lab Sample ID: 680-254310-19
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			25 mL	125 mL	850375	08/08/24 05:54	RR	EET SAV
Total Recoverable	Analysis	6020B		1			850616	08/08/24 15:36	BWR	EET SAV
Instrument ID: ICPMSD										
Total Recoverable	Prep	3005A			25 mL	125 mL	850375	08/08/24 05:54	RR	EET SAV
Total Recoverable	Analysis	6020B		1			850907	08/09/24 15:29	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	851317	08/14/24 09:52	MG	EET SAV
Total/NA	Analysis	7470A		1			851469	08/14/24 15:25	BJB	EET SAV
Instrument ID: QuickTrace3										
Total/NA	Analysis	2320B-2011		1			851607	08/15/24 01:03	PG	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	851076	08/13/24 08:45	AS	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWC-19
Date Collected: 08/06/24 14:48
Date Received: 08/07/24 11:30

Lab Sample ID: 680-254310-20
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	2 mL	2 mL	851836	08/16/24 16:16	BS	EET SAV
Instrument ID: CICR										
Total Recoverable	Prep	3005A			25 mL	125 mL	850375	08/08/24 05:54	RR	EET SAV
Total Recoverable	Analysis	6020B		1			850616	08/08/24 15:33	BWR	EET SAV
Instrument ID: ICPMSD										
Total Recoverable	Prep	3005A			25 mL	125 mL	850375	08/08/24 05:54	RR	EET SAV
Total Recoverable	Analysis	6020B		1			850907	08/09/24 15:26	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	851134	08/13/24 11:48	MG	EET SAV
Total/NA	Analysis	7470A		1			851314	08/13/24 19:18	BJB	EET SAV
Instrument ID: QuickTrace3										
Total/NA	Analysis	2320B-2011		1			851607	08/15/24 01:12	PG	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	851076	08/13/24 08:45	AS	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWC-8A
Date Collected: 08/06/24 12:19
Date Received: 08/07/24 11:30

Lab Sample ID: 680-254310-21
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	2 mL	2 mL	851836	08/16/24 16:22	BS	EET SAV
Instrument ID: CICR										
Total Recoverable	Prep	3005A			25 mL	125 mL	850374	08/08/24 05:54	RR	EET SAV
Total Recoverable	Analysis	6020B		1			850907	08/09/24 14:17	BWR	EET SAV
Instrument ID: ICPMSD										

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Lab Chronicle

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-254310-1

Client Sample ID: SCH-GWC-8A

Lab Sample ID: 680-254310-21

Date Collected: 08/06/24 12:19

Matrix: Water

Date Received: 08/07/24 11:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			50 mL	50 mL	851134	08/13/24 11:48	MG	EET SAV
Total/NA	Analysis	7470A		1			851314	08/13/24 19:16	BJB	EET SAV
Instrument ID: QuickTrace3										
Total/NA	Analysis	2320B-2011		1			851604	08/14/24 22:42	PG	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	851076	08/13/24 08:45	AS	EET SAV
Instrument ID: NOEQUIP										

Laboratory References:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858



Accreditation/Certification Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-254310-1

Laboratory: Eurofins Savannah

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87052	06-30-25
Georgia	State	E87052	06-30-25

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Method Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-254310-1

Method	Method Description	Protocol	Laboratory
300.0-1993 R2.1	Anions, Ion Chromatography	MCAWW	EET SAV
6020B	Metals (ICP/MS)	SW846	EET SAV
7470A	Mercury (CVAA)	SW846	EET SAV
2320B-2011	Alkalinity, Total	SM	EET SAV
2540C-2011	Total Dissolved Solids (Dried at 180 °C)	SM	EET SAV
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET SAV
7470A	Preparation, Mercury	SW846	EET SAV

Protocol References:

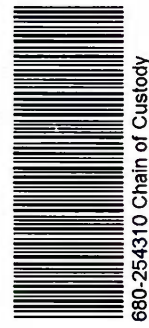
MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.
SM = "Standard Methods For The Examination Of Water And Wastewater"
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Chain of Custody Record

Client Information		Sampler(s): Mark Mann		Lab PM / Phone: David Fuller / 770-344-8986		Carrier Tracking No(s):		COC No:									
Client Contact: Joju Abraham		Site-Project Manager / Phone: Dawn Prell / 248-536-5445		E-Mail: David.Fuller@et.eurofins.us.com		State of Origin: GA		Page: Page 1 of 2									
Company: Southern Company				Analysis Requested				Job #:									
Address: 241 Ralph McGill Blvd SE B10185		Due Date Requested:		Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2640C - Solids, Total Dissolved (TDS)	6020B - App III, State (15) Metals + Cations (Mg, K, Na)	7470A - Mercury	2320B - Alkalinity, Total, Carb/Bicarb	Total Number of containers	Preservation Codes:					
City: Atlanta		TAT Requested (days): 2 weeks										A - HCL	M - Hexane				
State, Zip: GA, 30308		Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No										B - NaOH	N - None	O - AsNaO2			
Phone:		Lab Project #: (DO NOT REMOVE) 68027798										C - Zn Acetate	P - Na2O4S	Q - Na2SO3			
Email: JAbraham@southernco.com		Lab PO #: GPC82130-0006 / PO Line #3										D - Nitric Acid	R - Na2S2O3	S - H2SO4			
Project Name: CCR - Plant Scherer Cell 1		Project #:		E - NaHSO4	T - TSP Dodecahydrate	U - Acetone											
Site:				F - MeOH	V - MCAA	W - pH 4-5											
				G - Amchlor	Y - Trizma	Z - other (specify)											
				H - Ascorbic Acid	Other:												
				I - Ice	Task Code: SCH-CCR-ASSMT-2024S2												
				J - DI Water	Special Instructions/Notes:												
				K - EDTA													
				L - EDA													
Sample Identification		Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=soil, BT=Tissue, AA=Air)												
SCH-GWC-1		8/6/24	14:45	G	WG	N	N	X	X	X	X						4
SCH-GWC-2		8/6/24	13:16	G	WG	N	N	X	X	X	X						4
SCH-AP1-FB-6		8/6/24	12:00	G	WQ	N	N	X	X	X	X						4
SCH-CELL1-FD-6		8/6/24	-	G	WG	N	N	X	X	X	X						4
SCH-GWC-5		8/6/24	10:17	G	WG	N	N	X	X	X	X						4
SCH-GWC-7		8/6/24	9:11	G	WG	N	N	X	X	X	X						4
SCH-GWC-20		8/6/24	14:05	G	WG	N	N	X	X	X	X						4
SCH-CELL1-EB-5		8/6/24	12:05	G	WQ	N	N	X	X	X	X						4
SCH-GWC-9		8/6/24	13:36	G	WG	N	N	X	X	X	X						4
SCH-CELL1-FB-5		8/6/24	14:02	G	WQ	N	N	X	X	X	X						4
SCH-GWC-10		8/6/24	12:35	G	WG	N	N	X	X	X	X						4
Possible Hazard Identification						Sample Disposal (A fee may be assessed if samples are retained longer than 1											
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological						<input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For											
Deliverable Requested: I, II, III, IV, Other (specify)						Special Instructions/QC Requirements:											
Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:											
Relinquished by: MARK MANN / <i>[Signature]</i>		Date/Time: 08/07/24 840		Company WSP		Received by: K. [Signature]		Date/Time: 08/07/24 840		Company COURTIER/ew							
Relinquished by:		Date/Time:		Company		Received by:		Date/Time:		Company							
Relinquished by:		Date/Time:		Company		Received by: <i>[Signature]</i>		Date/Time: 8/7/24 1130		Company Eurofins							
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: <i>1.11.8 3.6/3.6 2.8/2.8 3.4/3.4</i>													



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Eurofins Savannah

5102 LaRoche Avenue
Savannah, GA 31404
Phone (912) 354-7858 Phone (912) 352-0165

Chain of Custody Record



Environment Testing

Client Information		Sampler(s): Mark Mann		Lab PM / Phone: David Fuller / 770-344-8986		Carrier Tracking No(s):		COC No:					
Client Contact: Joju Abraham		Site-Project Manager / Phone: Dawn Prell / 248-536-5445		E-Mail: David.Fuller@et.eurofinsus.com		State of Origin: GA		Page: Page 2 of 2					
Company: Southern Company				Analysis Requested				Job #:					
Address: 241 Ralph McGill Blvd SE B10185		Due Date Requested:						Preservation Codes: A - HCL M - Hexane B - NaOH N - None C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2S2O3 G - Amchlor S - H2SO4 H - Ascorbic Acid T - TSP Dodecahydrate I - Ice U - Acetone J - DI Water V - MCAA K - EDTA W - pH 4-5 L - EDA Y - Trizma Z - other (specify)					
City: Atlanta		TAT Requested (days): 2 weeks											
State, Zip: GA, 30308		Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No											
Phone:		Lab Project #: (DO NOT REMOVE) 68027798											
Email: JAbraham@southernco.com		Lab PO #: GPC82130-0006 / PO Line #3											
Project Name: CCR - Plant Scherer Cell 1		Project #:						Task Code: SCH-CCR-ASSMT-2024S2 Special Instructions/Notes:					
Site:													
Sample Identification		Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=oil, BT=Tissue, AA=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C - Solids, Total Dissolved (TDS)	6020B - App III, State (16), Metals + Cations (Mg, K, Na)	7470A - Mercury	2320B - Alkalinity, Total, Carb/Bicarb	Total Number of containers
				Preservation Code:		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N	N	D	D	N	
SCH-GWC-11		8/6/24	11:45	G	WG	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N	N	X	X	X	X
SCH-CELL1-FD-5		8/6/24	-	G	WG	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N	N	X	X	X	X
SCH-GWC-12		8/6/24	10:39	G	WG	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N	N	X	X	X	X
SCH-GWC-13		8/6/24	9:40	G	WG	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N	N	X	X	X	X
SCH-GWC-15		8/6/24	15:47	G	WG	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N	N	X	X	X	X
SCH-GWA-16		8/6/24	15:10	G	WG	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N	N	X	X	X	X
SCH-GWA-17		8/6/24	12:55	G	WG	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N	N	X	X	X	X
SCH-GWC-18		8/6/24	15:40	G	WG	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N	N	X	X	X	X
SCH-GWC-19		8/6/24	14:48	G	WG	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N	N	X	X	X	X
SCH-GWC-8A		8/6/24	12:19	G	WG	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N	N	X	X	X	X
Possible Hazard Identification		<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)		<input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months							
Deliverable Requested: I, II, III, IV, Other (specify)				Special Instructions/QC Requirements:									
Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:							
Relinquished by: MARK MANN / <i>[Signature]</i>		Date/Time: 08/07/24 840		Company: WSP		Received by: Linda Turner 921		Date/Time: 08/07/24 840		Company: COURIER NOW			
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:		Company:			
Relinquished by:		Date/Time:		Company:		Received by: <i>[Signature]</i>		Date/Time: 8/7/24 1130		Company: Eurofins			
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: 1.5/1.8 3.6/3.6 2.8/2.8 3.4/3.4									



Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-254310-1

Login Number: 254310

List Source: Eurofins Savannah

List Number: 1

Creator: Munro, Caroline

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	





ANALYTICAL REPORT

PREPARED FOR

Attn: Joju Abraham
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Generated 8/19/2024 4:14:10 PM

JOB DESCRIPTION

CCR - Plant Scherer Cell 1

JOB NUMBER

680-254379-1

Eurofins Savannah

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization



Authorized for release by
David Fuller, Project Manager
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(770)344-8986

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8/19/2024 4:14:10 PM

Definitions/Glossary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-254379-1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
▫	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Sample Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-254379-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-254379-1	SCH-GWC-6	Water	08/07/24 13:05	08/08/24 13:15
680-254379-2	SCH-GWC-3	Water	08/07/24 16:22	08/08/24 13:15
680-254379-3	SCH-CELL1-EB-6	Water	08/07/24 17:22	08/08/24 13:15
680-254379-4	SCH-GWC-4	Water	08/07/24 16:50	08/08/24 13:15

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Case Narrative

Client: Southern Company
Project: CCR - Plant Scherer Cell 1

Job ID: 680-254379-1

Job ID: 680-254379-1

Eurofins Savannah

Job Narrative 680-254379-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Receipt

The samples were received on 8/8/2024 1:15 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.6°C.

HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry

Method 2540C: A lesser volume of sample was used for the following sample due to the nature of the sample matrix resulting in elevated reporting limits: SCH-GWC-4 (680-254379-4).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-254379-1

Client Sample ID: SCH-GWC-6

Lab Sample ID: 680-254379-1

Date Collected: 08/07/24 13:05

Matrix: Water

Date Received: 08/08/24 13:15

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.9		1.0	0.20	mg/L			08/16/24 18:32	1
Fluoride	0.065	J	0.10	0.040	mg/L			08/16/24 18:32	1
Sulfate	13		1.0	0.40	mg/L			08/16/24 18:32	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		08/09/24 04:51	08/09/24 22:07	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		08/09/24 04:51	08/09/24 22:07	1
Barium	0.047		0.010	0.00089	mg/L		08/09/24 04:51	08/09/24 22:07	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		08/09/24 04:51	08/09/24 22:07	1
Boron	0.085		0.080	0.022	mg/L		08/09/24 04:51	08/09/24 22:07	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		08/09/24 04:51	08/09/24 22:07	1
Calcium	16		0.50	0.14	mg/L		08/09/24 04:51	08/09/24 22:07	1
Chromium	0.0046		0.0020	0.0012	mg/L		08/09/24 04:51	08/09/24 22:07	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		08/09/24 04:51	08/09/24 22:07	1
Copper	<0.0011		0.0020	0.0011	mg/L		08/09/24 04:51	08/09/24 22:07	1
Lead	<0.00021		0.0010	0.00021	mg/L		08/09/24 04:51	08/09/24 22:07	1
Magnesium	7.7		0.50	0.023	mg/L		08/09/24 04:51	08/09/24 22:07	1
Nickel	0.00083	J	0.0010	0.00042	mg/L		08/09/24 04:51	08/09/24 22:07	1
Potassium	1.4		0.50	0.044	mg/L		08/09/24 04:51	08/09/24 22:07	1
Selenium	<0.00099		0.0050	0.00099	mg/L		08/09/24 04:51	08/09/24 22:07	1
Silver	<0.00039		0.0010	0.00039	mg/L		08/09/24 04:51	08/09/24 22:07	1
Sodium	9.7		0.50	0.20	mg/L		08/09/24 04:51	08/09/24 22:07	1
Thallium	<0.00026		0.0010	0.00026	mg/L		08/09/24 04:51	08/09/24 22:07	1
Vanadium	0.0091		0.0020	0.00063	mg/L		08/09/24 04:51	08/09/24 22:07	1
Zinc	<0.0028		0.0050	0.0028	mg/L		08/09/24 04:51	08/09/24 22:07	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		08/14/24 09:55	08/14/24 16:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	76		5.0	2.2	mg/L			08/15/24 16:15	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	76		5.0	5.0	mg/L			08/15/24 16:15	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			08/15/24 16:15	1
Total Dissolved Solids (SM 2540C-2011)	150		10	10	mg/L			08/13/24 10:43	1

Client Sample ID: SCH-GWC-3

Lab Sample ID: 680-254379-2

Date Collected: 08/07/24 16:22

Matrix: Water

Date Received: 08/08/24 13:15

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.7		1.0	0.20	mg/L			08/16/24 18:42	1
Fluoride	0.059	J	0.10	0.040	mg/L			08/16/24 18:42	1
Sulfate	15		1.0	0.40	mg/L			08/16/24 18:42	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-254379-1

Client Sample ID: SCH-GWC-3

Lab Sample ID: 680-254379-2

Date Collected: 08/07/24 16:22

Matrix: Water

Date Received: 08/08/24 13:15

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		08/09/24 04:51	08/09/24 21:23	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		08/09/24 04:51	08/09/24 21:23	1
Barium	0.020		0.010	0.00089	mg/L		08/09/24 04:51	08/09/24 21:23	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		08/09/24 04:51	08/09/24 21:23	1
Boron	<0.022		0.080	0.022	mg/L		08/09/24 04:51	08/09/24 21:23	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		08/09/24 04:51	08/09/24 21:23	1
Calcium	10		0.50	0.14	mg/L		08/09/24 04:51	08/09/24 21:23	1
Chromium	0.018		0.0020	0.0012	mg/L		08/09/24 04:51	08/09/24 21:23	1
Cobalt	0.00023	J	0.0025	0.00022	mg/L		08/09/24 04:51	08/09/24 21:23	1
Copper	<0.0011		0.0020	0.0011	mg/L		08/09/24 04:51	08/09/24 21:23	1
Lead	<0.00021		0.0010	0.00021	mg/L		08/09/24 04:51	08/09/24 21:23	1
Magnesium	5.8		0.50	0.023	mg/L		08/09/24 04:51	08/09/24 21:23	1
Nickel	0.0016		0.0010	0.00042	mg/L		08/09/24 04:51	08/09/24 21:23	1
Potassium	0.74		0.50	0.044	mg/L		08/09/24 04:51	08/09/24 21:23	1
Selenium	<0.00099		0.0050	0.00099	mg/L		08/09/24 04:51	08/09/24 21:23	1
Silver	<0.00039		0.0010	0.00039	mg/L		08/09/24 04:51	08/09/24 21:23	1
Sodium	6.6		0.50	0.20	mg/L		08/09/24 04:51	08/09/24 21:23	1
Thallium	<0.00026		0.0010	0.00026	mg/L		08/09/24 04:51	08/09/24 21:23	1
Vanadium	0.0054		0.0020	0.00063	mg/L		08/09/24 04:51	08/09/24 21:23	1
Zinc	0.0028	J	0.0050	0.0028	mg/L		08/09/24 04:51	08/09/24 21:23	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		08/14/24 09:52	08/14/24 15:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	46		5.0	2.2	mg/L			08/15/24 13:50	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	46		5.0	5.0	mg/L			08/15/24 13:50	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			08/15/24 13:50	1
Total Dissolved Solids (SM 2540C-2011)	100		10	10	mg/L			08/13/24 10:43	1

Client Sample ID: SCH-CELL1-EB-6

Lab Sample ID: 680-254379-3

Date Collected: 08/07/24 17:22

Matrix: Water

Date Received: 08/08/24 13:15

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.33	J	1.0	0.20	mg/L			08/17/24 20:20	1
Fluoride	<0.040		0.10	0.040	mg/L			08/17/24 20:20	1
Sulfate	<0.40		1.0	0.40	mg/L			08/17/24 20:20	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		08/09/24 04:51	08/09/24 22:04	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		08/09/24 04:51	08/09/24 22:04	1
Barium	<0.00089		0.010	0.00089	mg/L		08/09/24 04:51	08/09/24 22:04	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		08/09/24 04:51	08/09/24 22:04	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-254379-1

Client Sample ID: SCH-CELL1-EB-6

Lab Sample ID: 680-254379-3

Date Collected: 08/07/24 17:22

Matrix: Water

Date Received: 08/08/24 13:15

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.091		0.080	0.022	mg/L		08/09/24 04:51	08/09/24 22:04	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		08/09/24 04:51	08/09/24 22:04	1
Calcium	<0.14		0.50	0.14	mg/L		08/09/24 04:51	08/09/24 22:04	1
Chromium	<0.0012		0.0020	0.0012	mg/L		08/09/24 04:51	08/09/24 22:04	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		08/09/24 04:51	08/09/24 22:04	1
Copper	<0.0011		0.0020	0.0011	mg/L		08/09/24 04:51	08/09/24 22:04	1
Lead	<0.00021		0.0010	0.00021	mg/L		08/09/24 04:51	08/09/24 22:04	1
Magnesium	0.024 J		0.50	0.023	mg/L		08/09/24 04:51	08/09/24 22:04	1
Nickel	<0.00042		0.0010	0.00042	mg/L		08/09/24 04:51	08/09/24 22:04	1
Potassium	<0.044		0.50	0.044	mg/L		08/09/24 04:51	08/09/24 22:04	1
Selenium	<0.00099		0.0050	0.00099	mg/L		08/09/24 04:51	08/09/24 22:04	1
Silver	<0.00039		0.0010	0.00039	mg/L		08/09/24 04:51	08/09/24 22:04	1
Sodium	<0.20		0.50	0.20	mg/L		08/09/24 04:51	08/09/24 22:04	1
Thallium	<0.00026		0.0010	0.00026	mg/L		08/09/24 04:51	08/09/24 22:04	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		08/09/24 04:51	08/09/24 22:04	1
Zinc	0.0075		0.0050	0.0028	mg/L		08/09/24 04:51	08/09/24 22:04	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		08/14/24 09:55	08/14/24 16:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO ₃ to pH 4.5 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			08/15/24 16:21	1
Bicarbonate Alkalinity as CaCO ₃ (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			08/15/24 16:21	1
Carbonate Alkalinity as CaCO ₃ (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			08/15/24 16:21	1
Total Dissolved Solids (SM 2540C-2011)	<10		10	10	mg/L			08/13/24 10:43	1

Client Sample ID: SCH-GWC-4

Lab Sample ID: 680-254379-4

Date Collected: 08/07/24 16:50

Matrix: Water

Date Received: 08/08/24 13:15

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	19		2.0	0.40	mg/L			08/17/24 20:39	2
Fluoride	<0.080		0.20	0.080	mg/L			08/17/24 20:39	2
Sulfate	73		2.0	0.80	mg/L			08/17/24 20:39	2

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		08/09/24 04:51	08/09/24 22:01	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		08/09/24 04:51	08/09/24 22:01	1
Barium	0.097		0.010	0.00089	mg/L		08/09/24 04:51	08/09/24 22:01	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		08/09/24 04:51	08/09/24 22:01	1
Boron	0.13		0.080	0.022	mg/L		08/09/24 04:51	08/09/24 22:01	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		08/09/24 04:51	08/09/24 22:01	1
Calcium	29		0.50	0.14	mg/L		08/09/24 04:51	08/09/24 22:01	1
Chromium	0.0031		0.0020	0.0012	mg/L		08/09/24 04:51	08/09/24 22:01	1

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Client Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-254379-1

Client Sample ID: SCH-GWC-4

Lab Sample ID: 680-254379-4

Date Collected: 08/07/24 16:50

Matrix: Water

Date Received: 08/08/24 13:15

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	<0.00022		0.0025	0.00022	mg/L		08/09/24 04:51	08/09/24 22:01	1
Copper	<0.0011		0.0020	0.0011	mg/L		08/09/24 04:51	08/09/24 22:01	1
Lead	<0.00021		0.0010	0.00021	mg/L		08/09/24 04:51	08/09/24 22:01	1
Magnesium	17		0.50	0.023	mg/L		08/09/24 04:51	08/09/24 22:01	1
Nickel	0.0013		0.0010	0.00042	mg/L		08/09/24 04:51	08/09/24 22:01	1
Potassium	1.7		0.50	0.044	mg/L		08/09/24 04:51	08/09/24 22:01	1
Selenium	0.0045 J		0.0050	0.00099	mg/L		08/09/24 04:51	08/09/24 22:01	1
Silver	<0.00039		0.0010	0.00039	mg/L		08/09/24 04:51	08/09/24 22:01	1
Sodium	14		0.50	0.20	mg/L		08/09/24 04:51	08/09/24 22:01	1
Thallium	<0.00026		0.0010	0.00026	mg/L		08/09/24 04:51	08/09/24 22:01	1
Vanadium	0.0038		0.0020	0.00063	mg/L		08/09/24 04:51	08/09/24 22:01	1
Zinc	<0.0028		0.0050	0.0028	mg/L		08/09/24 04:51	08/09/24 22:01	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		08/14/24 09:55	08/14/24 16:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	62		5.0	2.2	mg/L			08/15/24 14:56	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	62		5.0	5.0	mg/L			08/15/24 14:56	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			08/15/24 14:56	1
Total Dissolved Solids (SM 2540C-2011)	250		40	40	mg/L			08/13/24 10:43	1

QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-254379-1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography

Lab Sample ID: MB 680-851868/2
Matrix: Water
Analysis Batch: 851868

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.20		1.0	0.20	mg/L			08/16/24 13:34	1
Fluoride	<0.040		0.10	0.040	mg/L			08/16/24 13:34	1
Sulfate	<0.40		1.0	0.40	mg/L			08/16/24 13:34	1

Lab Sample ID: LCS 680-851868/3
Matrix: Water
Analysis Batch: 851868

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.60		mg/L		96	90 - 110
Fluoride	2.00	1.85		mg/L		92	90 - 110
Sulfate	10.0	9.51		mg/L		95	90 - 110

Lab Sample ID: LCSD 680-851868/4
Matrix: Water
Analysis Batch: 851868

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	9.88		mg/L		99	90 - 110	3	15
Fluoride	2.00	1.92		mg/L		96	90 - 110	4	15
Sulfate	10.0	9.79		mg/L		98	90 - 110	3	15

Lab Sample ID: 680-254374-F-8 MS
Matrix: Water
Analysis Batch: 851868

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	<0.20	F2 F1	10.0	4.84	F1	mg/L		48	80 - 120
Fluoride	<0.040	F2 F1	2.00	0.958	F1	mg/L		48	80 - 120
Sulfate	<0.40	F2 F1	10.0	4.20	F1	mg/L		42	80 - 120

Lab Sample ID: 680-254374-F-8 MSD
Matrix: Water
Analysis Batch: 851868

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<0.20	F2 F1	10.0	8.53	F2	mg/L		85	80 - 120	55	15
Fluoride	<0.040	F2 F1	2.00	1.59	F2 F1	mg/L		79	80 - 120	49	15
Sulfate	<0.40	F2 F1	10.0	7.81	F2 F1	mg/L		78	80 - 120	60	15

Lab Sample ID: MB 680-851925/41
Matrix: Water
Analysis Batch: 851925

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.20		1.0	0.20	mg/L			08/17/24 20:00	1
Fluoride	<0.040		0.10	0.040	mg/L			08/17/24 20:00	1
Sulfate	<0.40		1.0	0.40	mg/L			08/17/24 20:00	1

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-254379-1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 680-851925/42
Matrix: Water
Analysis Batch: 851925

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS		Unit	D	%Rec	%Rec	
		Result	Qualifier				Limits	
Chloride	10.0	9.90		mg/L		99	90 - 110	
Fluoride	2.00	2.06		mg/L		103	90 - 110	
Sulfate	10.0	9.28		mg/L		93	90 - 110	

Lab Sample ID: LCSD 680-851925/43
Matrix: Water
Analysis Batch: 851925

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD		Unit	D	%Rec	%Rec		RPD	
		Result	Qualifier				Limits		RPD	Limit
Chloride	10.0	9.90		mg/L		99	90 - 110	0	15	
Fluoride	2.00	2.08		mg/L		104	90 - 110	1	15	
Sulfate	10.0	9.30		mg/L		93	90 - 110	0	15	

Lab Sample ID: 680-254379-3 MS
Matrix: Water
Analysis Batch: 851925

Client Sample ID: SCH-CELL1-EB-6
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS		Unit	D	%Rec	%Rec	
				Result	Qualifier				Limits	
Chloride	0.33	J	10.0	9.71		mg/L		94	80 - 120	
Fluoride	<0.040		2.00	2.02		mg/L		101	80 - 120	
Sulfate	<0.40		10.0	9.12		mg/L		91	80 - 120	

Lab Sample ID: 680-254379-3 MSD
Matrix: Water
Analysis Batch: 851925

Client Sample ID: SCH-CELL1-EB-6
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD		Unit	D	%Rec	%Rec		RPD	
				Result	Qualifier				Limits		RPD	Limit
Chloride	0.33	J	10.0	9.68		mg/L		94	80 - 120	0	15	
Fluoride	<0.040		2.00	2.03		mg/L		101	80 - 120	0	15	
Sulfate	<0.40		10.0	9.10		mg/L		91	80 - 120	0	15	

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 680-850590/1-A
Matrix: Water
Analysis Batch: 850907

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 850590

Analyte	MB		RL	MDL		Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier		MDL	MDL					
Antimony	<0.00034		0.0020	0.00034		mg/L		08/09/24 04:51	08/09/24 21:17	1
Arsenic	<0.00086		0.0010	0.00086		mg/L		08/09/24 04:51	08/09/24 21:17	1
Barium	<0.00089		0.010	0.00089		mg/L		08/09/24 04:51	08/09/24 21:17	1
Beryllium	<0.00020		0.0025	0.00020		mg/L		08/09/24 04:51	08/09/24 21:17	1
Boron	<0.022		0.080	0.022		mg/L		08/09/24 04:51	08/09/24 21:17	1
Cadmium	<0.000078		0.0025	0.000078		mg/L		08/09/24 04:51	08/09/24 21:17	1
Calcium	<0.14		0.50	0.14		mg/L		08/09/24 04:51	08/09/24 21:17	1
Chromium	<0.0012		0.0020	0.0012		mg/L		08/09/24 04:51	08/09/24 21:17	1
Cobalt	<0.00022		0.0025	0.00022		mg/L		08/09/24 04:51	08/09/24 21:17	1
Copper	<0.0011		0.0020	0.0011		mg/L		08/09/24 04:51	08/09/24 21:17	1
Lead	<0.00021		0.0010	0.00021		mg/L		08/09/24 04:51	08/09/24 21:17	1
Magnesium	<0.023		0.50	0.023		mg/L		08/09/24 04:51	08/09/24 21:17	1

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QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-254379-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 680-850590/1-A
Matrix: Water
Analysis Batch: 850907

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 850590

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	<0.00042		0.0010	0.00042	mg/L		08/09/24 04:51	08/09/24 21:17	1
Potassium	<0.044		0.50	0.044	mg/L		08/09/24 04:51	08/09/24 21:17	1
Selenium	<0.00099		0.0050	0.00099	mg/L		08/09/24 04:51	08/09/24 21:17	1
Silver	<0.00039		0.0010	0.00039	mg/L		08/09/24 04:51	08/09/24 21:17	1
Sodium	<0.20		0.50	0.20	mg/L		08/09/24 04:51	08/09/24 21:17	1
Thallium	<0.00026		0.0010	0.00026	mg/L		08/09/24 04:51	08/09/24 21:17	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		08/09/24 04:51	08/09/24 21:17	1
Zinc	<0.0028		0.0050	0.0028	mg/L		08/09/24 04:51	08/09/24 21:17	1

Lab Sample ID: LCS 680-850590/2-A
Matrix: Water
Analysis Batch: 850907

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 850590

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0503		mg/L		101	80 - 120
Arsenic	0.100	0.103		mg/L		103	80 - 120
Barium	0.100	0.100		mg/L		100	80 - 120
Beryllium	0.0500	0.0518		mg/L		104	80 - 120
Boron	0.400	0.407		mg/L		102	80 - 120
Cadmium	0.0500	0.0520		mg/L		104	80 - 120
Calcium	5.00	5.02		mg/L		100	80 - 120
Chromium	0.100	0.101		mg/L		101	80 - 120
Cobalt	0.0500	0.0526		mg/L		105	80 - 120
Copper	0.101	0.106		mg/L		105	80 - 120
Lead	0.500	0.482		mg/L		96	80 - 120
Magnesium	5.00	5.03		mg/L		101	80 - 120
Nickel	0.100	0.104		mg/L		104	80 - 120
Potassium	7.00	7.25		mg/L		104	80 - 120
Selenium	0.100	0.102		mg/L		102	80 - 120
Silver	0.0500	0.0518		mg/L		104	80 - 120
Sodium	5.00	5.04		mg/L		101	80 - 120
Thallium	0.0500	0.0488		mg/L		98	80 - 120
Vanadium	0.100	0.0970		mg/L		97	80 - 120
Zinc	0.100	0.104		mg/L		104	80 - 120

Lab Sample ID: 680-254379-2 MS
Matrix: Water
Analysis Batch: 850907

Client Sample ID: SCH-GWC-3
Prep Type: Total Recoverable
Prep Batch: 850590

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.00034		0.0500	0.0495		mg/L		99	75 - 125
Arsenic	<0.00086		0.100	0.101		mg/L		101	75 - 125
Barium	0.020		0.100	0.118		mg/L		99	75 - 125
Beryllium	<0.00020		0.0500	0.0517		mg/L		103	75 - 125
Boron	<0.022		0.400	0.416		mg/L		104	75 - 125
Cadmium	<0.000078		0.0500	0.0520		mg/L		104	75 - 125
Calcium	10		5.00	14.8		mg/L		87	75 - 125
Chromium	0.018		0.100	0.116		mg/L		98	75 - 125
Cobalt	0.00023	J	0.0500	0.0522		mg/L		104	75 - 125

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QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-254379-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-254379-2 MS
Matrix: Water
Analysis Batch: 850907

Client Sample ID: SCH-GWC-3
Prep Type: Total Recoverable
Prep Batch: 850590

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec	
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD
Copper	<0.0011		0.101	0.106		mg/L		104	75 - 125	
Lead	<0.00021		0.500	0.477		mg/L		95	75 - 125	
Magnesium	5.8		5.00	10.4		mg/L		92	75 - 125	
Nickel	0.0016		0.100	0.103		mg/L		102	75 - 125	
Potassium	0.74		7.00	7.92		mg/L		103	75 - 125	
Selenium	<0.00099		0.100	0.101		mg/L		101	75 - 125	
Silver	<0.00039		0.0500	0.0520		mg/L		104	75 - 125	
Sodium	6.6		5.00	11.2		mg/L		91	75 - 125	
Thallium	<0.00026		0.0500	0.0487		mg/L		97	75 - 125	
Vanadium	0.0054		0.100	0.102		mg/L		96	75 - 125	
Zinc	0.0028	J	0.100	0.106		mg/L		103	75 - 125	

Lab Sample ID: 680-254379-2 MSD
Matrix: Water
Analysis Batch: 850907

Client Sample ID: SCH-GWC-3
Prep Type: Total Recoverable
Prep Batch: 850590

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec		RPD	
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD	Limit	
Antimony	<0.00034		0.0500	0.0501		mg/L		100	75 - 125	1	20	
Arsenic	<0.00086		0.100	0.101		mg/L		101	75 - 125	1	20	
Barium	0.020		0.100	0.117		mg/L		98	75 - 125	1	20	
Beryllium	<0.00020		0.0500	0.0517		mg/L		103	75 - 125	0	20	
Boron	<0.022		0.400	0.406		mg/L		101	75 - 125	2	20	
Cadmium	<0.000078		0.0500	0.0517		mg/L		103	75 - 125	1	20	
Calcium	10		5.00	14.5		mg/L		80	75 - 125	2	20	
Chromium	0.018		0.100	0.115		mg/L		97	75 - 125	1	20	
Cobalt	0.00023	J	0.0500	0.0519		mg/L		103	75 - 125	1	20	
Copper	<0.0011		0.101	0.105		mg/L		103	75 - 125	1	20	
Lead	<0.00021		0.500	0.475		mg/L		95	75 - 125	0	20	
Magnesium	5.8		5.00	10.2		mg/L		89	75 - 125	1	20	
Nickel	0.0016		0.100	0.103		mg/L		101	75 - 125	1	20	
Potassium	0.74		7.00	7.88		mg/L		102	75 - 125	1	20	
Selenium	<0.00099		0.100	0.100		mg/L		100	75 - 125	1	20	
Silver	<0.00039		0.0500	0.0512		mg/L		102	75 - 125	2	20	
Sodium	6.6		5.00	11.1		mg/L		88	75 - 125	1	20	
Thallium	<0.00026		0.0500	0.0482		mg/L		96	75 - 125	1	20	
Vanadium	0.0054		0.100	0.100		mg/L		95	75 - 125	1	20	
Zinc	0.0028	J	0.100	0.103		mg/L		100	75 - 125	3	20	

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 680-851317/1-A
Matrix: Water
Analysis Batch: 851469

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 851317

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	<0.000080		0.00020	0.000080	mg/L		08/14/24 09:52	08/14/24 14:54	1

QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-254379-1

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: LCS 680-851317/2-A
Matrix: Water
Analysis Batch: 851469

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 851317

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00250	0.00252		mg/L		101	80 - 120

Lab Sample ID: 400-260482-E-1-G MS
Matrix: Water
Analysis Batch: 851469

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 851317

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.000080		0.00100	0.000973		mg/L		97	80 - 120

Lab Sample ID: 400-260482-E-1-H MSD
Matrix: Water
Analysis Batch: 851469

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 851317

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.000080		0.00100	0.000942		mg/L		94	80 - 120	3	20

Lab Sample ID: MB 680-851318/1-A
Matrix: Water
Analysis Batch: 851469

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 851318

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		08/14/24 09:55	08/14/24 15:55	1

Lab Sample ID: LCS 680-851318/2-A
Matrix: Water
Analysis Batch: 851469

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 851318

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00250	0.00255		mg/L		102	80 - 120

Lab Sample ID: 680-254374-D-5-C MS
Matrix: Water
Analysis Batch: 851469

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 851318

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.000080		0.00100	0.000989		mg/L		99	80 - 120

Lab Sample ID: 680-254374-D-5-D MSD
Matrix: Water
Analysis Batch: 851469

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 851318

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.000080		0.00100	0.00101		mg/L		101	80 - 120	2	20

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-254379-1

Method: 2320B-2011 - Alkalinity, Total

Lab Sample ID: MB 680-851806/4
Matrix: Water
Analysis Batch: 851806

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<2.2		5.0	2.2	mg/L			08/15/24 13:26	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			08/15/24 13:26	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			08/15/24 13:26	1

Lab Sample ID: LCS 680-851806/6
Matrix: Water
Analysis Batch: 851806

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3 to pH 4.5	250	241		mg/L		97	90 - 112

Lab Sample ID: LCSD 680-851806/31
Matrix: Water
Analysis Batch: 851806

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	250	246		mg/L		98	90 - 112	2	30

Lab Sample ID: 680-254379-2 DU
Matrix: Water
Analysis Batch: 851806

Client Sample ID: SCH-GWC-3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	46		43.4		mg/L		5	30
Bicarbonate Alkalinity as CaCO3	46		43.4		mg/L		5	30
Carbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	30

Method: 2540C-2011 - Total Dissolved Solids (Dried at 180 °C)

Lab Sample ID: MB 680-851112/1
Matrix: Water
Analysis Batch: 851112

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			08/13/24 10:43	1

Lab Sample ID: LCS 680-851112/2
Matrix: Water
Analysis Batch: 851112

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	2440	2490		mg/L		102	80 - 120

QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-254379-1

Method: 2540C-2011 - Total Dissolved Solids (Dried at 180 °C) (Continued)

Lab Sample ID: LCSD 680-851112/3
Matrix: Water
Analysis Batch: 851112

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	
								RPD	Limit
Total Dissolved Solids	2440	2410		mg/L		99	80 - 120	3	25

Lab Sample ID: 680-254379-4 DU
Matrix: Water
Analysis Batch: 851112

Client Sample ID: SCH-GWC-4
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD	
								RPD	Limit
Total Dissolved Solids	250		248		mg/L		2	5	



QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-254379-1

HPLC/IC

Analysis Batch: 851868

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254379-1	SCH-GWC-6	Total/NA	Water	300.0-1993 R2.1	
680-254379-2	SCH-GWC-3	Total/NA	Water	300.0-1993 R2.1	
MB 680-851868/2	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-851868/3	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-851868/4	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
680-254374-F-8 MS	Matrix Spike	Total/NA	Water	300.0-1993 R2.1	
680-254374-F-8 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0-1993 R2.1	

Analysis Batch: 851925

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254379-3	SCH-CELL1-EB-6	Total/NA	Water	300.0-1993 R2.1	
680-254379-4	SCH-GWC-4	Total/NA	Water	300.0-1993 R2.1	
MB 680-851925/41	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-851925/42	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-851925/43	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
680-254379-3 MS	SCH-CELL1-EB-6	Total/NA	Water	300.0-1993 R2.1	
680-254379-3 MSD	SCH-CELL1-EB-6	Total/NA	Water	300.0-1993 R2.1	

Metals

Prep Batch: 850590

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254379-1	SCH-GWC-6	Total Recoverable	Water	3005A	
680-254379-2	SCH-GWC-3	Total Recoverable	Water	3005A	
680-254379-3	SCH-CELL1-EB-6	Total Recoverable	Water	3005A	
680-254379-4	SCH-GWC-4	Total Recoverable	Water	3005A	
MB 680-850590/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-850590/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
680-254379-2 MS	SCH-GWC-3	Total Recoverable	Water	3005A	
680-254379-2 MSD	SCH-GWC-3	Total Recoverable	Water	3005A	

Analysis Batch: 850907

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254379-1	SCH-GWC-6	Total Recoverable	Water	6020B	850590
680-254379-2	SCH-GWC-3	Total Recoverable	Water	6020B	850590
680-254379-3	SCH-CELL1-EB-6	Total Recoverable	Water	6020B	850590
680-254379-4	SCH-GWC-4	Total Recoverable	Water	6020B	850590
MB 680-850590/1-A	Method Blank	Total Recoverable	Water	6020B	850590
LCS 680-850590/2-A	Lab Control Sample	Total Recoverable	Water	6020B	850590
680-254379-2 MS	SCH-GWC-3	Total Recoverable	Water	6020B	850590
680-254379-2 MSD	SCH-GWC-3	Total Recoverable	Water	6020B	850590

Prep Batch: 851317

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254379-2	SCH-GWC-3	Total/NA	Water	7470A	
MB 680-851317/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-851317/2-A	Lab Control Sample	Total/NA	Water	7470A	
400-260482-E-1-G MS	Matrix Spike	Total/NA	Water	7470A	
400-260482-E-1-H MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

QC Association Summary

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-254379-1

Metals

Prep Batch: 851318

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254379-1	SCH-GWC-6	Total/NA	Water	7470A	
680-254379-3	SCH-CELL1-EB-6	Total/NA	Water	7470A	
680-254379-4	SCH-GWC-4	Total/NA	Water	7470A	
MB 680-851318/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-851318/2-A	Lab Control Sample	Total/NA	Water	7470A	
680-254374-D-5-C MS	Matrix Spike	Total/NA	Water	7470A	
680-254374-D-5-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 851469

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254379-1	SCH-GWC-6	Total/NA	Water	7470A	851318
680-254379-2	SCH-GWC-3	Total/NA	Water	7470A	851317
680-254379-3	SCH-CELL1-EB-6	Total/NA	Water	7470A	851318
680-254379-4	SCH-GWC-4	Total/NA	Water	7470A	851318
MB 680-851317/1-A	Method Blank	Total/NA	Water	7470A	851317
MB 680-851318/1-A	Method Blank	Total/NA	Water	7470A	851318
LCS 680-851317/2-A	Lab Control Sample	Total/NA	Water	7470A	851317
LCS 680-851318/2-A	Lab Control Sample	Total/NA	Water	7470A	851318
400-260482-E-1-G MS	Matrix Spike	Total/NA	Water	7470A	851317
400-260482-E-1-H MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	851317
680-254374-D-5-C MS	Matrix Spike	Total/NA	Water	7470A	851318
680-254374-D-5-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	851318

General Chemistry

Analysis Batch: 851112

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254379-1	SCH-GWC-6	Total/NA	Water	2540C-2011	
680-254379-2	SCH-GWC-3	Total/NA	Water	2540C-2011	
680-254379-3	SCH-CELL1-EB-6	Total/NA	Water	2540C-2011	
680-254379-4	SCH-GWC-4	Total/NA	Water	2540C-2011	
MB 680-851112/1	Method Blank	Total/NA	Water	2540C-2011	
LCS 680-851112/2	Lab Control Sample	Total/NA	Water	2540C-2011	
LCSD 680-851112/3	Lab Control Sample Dup	Total/NA	Water	2540C-2011	
680-254379-4 DU	SCH-GWC-4	Total/NA	Water	2540C-2011	

Analysis Batch: 851806

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254379-1	SCH-GWC-6	Total/NA	Water	2320B-2011	
680-254379-2	SCH-GWC-3	Total/NA	Water	2320B-2011	
680-254379-3	SCH-CELL1-EB-6	Total/NA	Water	2320B-2011	
680-254379-4	SCH-GWC-4	Total/NA	Water	2320B-2011	
MB 680-851806/4	Method Blank	Total/NA	Water	2320B-2011	
LCS 680-851806/6	Lab Control Sample	Total/NA	Water	2320B-2011	
LCSD 680-851806/31	Lab Control Sample Dup	Total/NA	Water	2320B-2011	
680-254379-2 DU	SCH-GWC-3	Total/NA	Water	2320B-2011	

Lab Chronicle

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-254379-1

Client Sample ID: SCH-GWC-6

Lab Sample ID: 680-254379-1

Date Collected: 08/07/24 13:05

Matrix: Water

Date Received: 08/08/24 13:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	851868	08/16/24 18:32	KMB	EET SAV
Instrument ID: CICP										
Total Recoverable	Prep	3005A			25 mL	125 mL	850590	08/09/24 04:51	RR	EET SAV
Total Recoverable	Analysis	6020B		1			850907	08/09/24 22:07	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	851318	08/14/24 09:55	MG	EET SAV
Total/NA	Analysis	7470A		1			851469	08/14/24 16:21	BJB	EET SAV
Instrument ID: QuickTrace3										
Total/NA	Analysis	2320B-2011		1			851806	08/15/24 16:15	PG	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	851112	08/13/24 10:43	AS	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWC-3

Lab Sample ID: 680-254379-2

Date Collected: 08/07/24 16:22

Matrix: Water

Date Received: 08/08/24 13:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	851868	08/16/24 18:42	KMB	EET SAV
Instrument ID: CICP										
Total Recoverable	Prep	3005A			25 mL	125 mL	850590	08/09/24 04:51	RR	EET SAV
Total Recoverable	Analysis	6020B		1			850907	08/09/24 21:23	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	851317	08/14/24 09:52	MG	EET SAV
Total/NA	Analysis	7470A		1			851469	08/14/24 15:51	BJB	EET SAV
Instrument ID: QuickTrace3										
Total/NA	Analysis	2320B-2011		1			851806	08/15/24 13:50	PG	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	851112	08/13/24 10:43	AS	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-CELL1-EB-6

Lab Sample ID: 680-254379-3

Date Collected: 08/07/24 17:22

Matrix: Water

Date Received: 08/08/24 13:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	2 mL	2 mL	851925	08/17/24 20:20	BS	EET SAV
Instrument ID: CICR										
Total Recoverable	Prep	3005A			25 mL	125 mL	850590	08/09/24 04:51	RR	EET SAV
Total Recoverable	Analysis	6020B		1			850907	08/09/24 22:04	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	851318	08/14/24 09:55	MG	EET SAV
Total/NA	Analysis	7470A		1			851469	08/14/24 16:27	BJB	EET SAV
Instrument ID: QuickTrace3										

Lab Chronicle

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-254379-1

Client Sample ID: SCH-CELL1-EB-6

Lab Sample ID: 680-254379-3

Date Collected: 08/07/24 17:22

Matrix: Water

Date Received: 08/08/24 13:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2320B-2011		1			851806	08/15/24 16:21	PG	EET SAV
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	851112	08/13/24 10:43	AS	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWC-4

Lab Sample ID: 680-254379-4

Date Collected: 08/07/24 16:50

Matrix: Water

Date Received: 08/08/24 13:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		2	2 mL	2 mL	851925	08/17/24 20:39	BS	EET SAV
Instrument ID: CICR										
Total Recoverable	Prep	3005A			25 mL	125 mL	850590	08/09/24 04:51	RR	EET SAV
Total Recoverable	Analysis	6020B		1			850907	08/09/24 22:01	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	851318	08/14/24 09:55	MG	EET SAV
Total/NA	Analysis	7470A		1			851469	08/14/24 16:25	BJB	EET SAV
Instrument ID: QuickTrace3										
Total/NA	Analysis	2320B-2011		1			851806	08/15/24 14:56	PG	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	851112	08/13/24 10:43	AS	EET SAV
Instrument ID: NOEQUIP										

Laboratory References:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Accreditation/Certification Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-254379-1

Laboratory: Eurofins Savannah

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87052	06-30-25
Georgia	State	E87052	06-30-25

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12

Method Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-254379-1

Method	Method Description	Protocol	Laboratory
300.0-1993 R2.1	Anions, Ion Chromatography	MCAWW	EET SAV
6020B	Metals (ICP/MS)	SW846	EET SAV
7470A	Mercury (CVAA)	SW846	EET SAV
2320B-2011	Alkalinity, Total	SM	EET SAV
2540C-2011	Total Dissolved Solids (Dried at 180 °C)	SM	EET SAV
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET SAV
7470A	Preparation, Mercury	SW846	EET SAV

Protocol References:

- MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.
- SM = "Standard Methods For The Examination Of Water And Wastewater"
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

- EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Eurofins Savannah

5102 LaRoche Avenue
Savannah, GA 31404
Phone (912) 354-7858 Phone (912) 352-0165

Chain of Custody Record



Environment Testing

1
2
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12

Client Information		Sampler(s): Mark Mann		Lab PM / Phone: David Fuller / 770-344-8986		Carrier Tracking No(s):		COC No:																	
Client Contact: Joju Abraham		Site-Project Manager / Phone: Dawn Prell / 248-536-5445		E-Mail: David.Fuller@et.eurofinsus.com		State of Origin: GA		Page: Page 1 of 2																	
Company: Southern Company				Analysis Requested						Job #:															
Address: 241 Ralph McGill Blvd SE B10185		Due Date Requested:		<table border="1"> <tr> <td style="writing-mode: vertical-rl; transform: rotate(180deg);">Field Filtered Sample (Yes or No)</td> <td style="writing-mode: vertical-rl; transform: rotate(180deg);">Perform MS/MSD (Yes or No)</td> <td style="writing-mode: vertical-rl; transform: rotate(180deg);">300_ORGFM_28D - Chloride, Fluoride, Sulfate</td> <td style="writing-mode: vertical-rl; transform: rotate(180deg);">2640C - Solids, Total Dissolved (TDS)</td> <td style="writing-mode: vertical-rl; transform: rotate(180deg);">6020B - App III, State (15) Metals + Cations (Mg, K, Na)</td> <td style="writing-mode: vertical-rl; transform: rotate(180deg);">7470A - Mercury</td> <td style="writing-mode: vertical-rl; transform: rotate(180deg);">2320B - Alkalinity, Total, Carb/Bicarb</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td style="writing-mode: vertical-rl; transform: rotate(180deg);">Total Number of containers</td> </tr> </table>						Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2640C - Solids, Total Dissolved (TDS)	6020B - App III, State (15) Metals + Cations (Mg, K, Na)	7470A - Mercury	2320B - Alkalinity, Total, Carb/Bicarb							Total Number of containers	Preservation Codes: A - HCL M - Hexane B - NaOH N - None C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2S2O3 G - Amchlor S - H2SO4 H - Ascorbic Acid T - TSP Dodecahydrate I - Ice U - Acetone J - DI Water V - MCAA K - EDTA W - pH 4-5 L - EDA Y - Trizma Z - other (specify)	
Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2640C - Solids, Total Dissolved (TDS)							6020B - App III, State (15) Metals + Cations (Mg, K, Na)	7470A - Mercury	2320B - Alkalinity, Total, Carb/Bicarb							Total Number of containers						
City: Atlanta		TAT Requested (days): 2 weeks								Task Code: SCH-CCR-ASSMT-2024S2															
State, Zip: GA, 30308		Compliance Project: Δ Yes Δ No								Special Instructions/Notes:															
Phone:		Lab Project #: (DO NOT REMOVE) 68027798																							
Email: JAbraham@southernco.com		Lab PO #: GPC82130-0006 / PO Line #3																							
Project Name: CCR - Plant Scherer Cell 1		Project #:																							
Site:																									
Sample Identification		Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=tissue, A=air)	Preservation Code:	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2640C - Solids, Total Dissolved (TDS)	6020B - App III, State (15) Metals + Cations (Mg, K, Na)	7470A - Mercury	2320B - Alkalinity, Total, Carb/Bicarb												
SCH-GWC-6		8/7/24	13:05	G	WG	N N	N	N	X	X	X	X	X	X	X	X	4								
SCH-GWC-3		8/7/24	16:22	G	WG	N N	N	N	X	X	X	X	X	X	X	X	4								
SCH-CELL1-EB-6		8/7/24	17:22	G	WQ	N N	N	N	X	X	X	X	X	X	X	X	4								
SCH-GWC-4		8/7/24	16:50	G	WG	N N	N	N	X	X	X	X	X	X	X	X	4								
Possible Hazard Identification		<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological										Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months													
Deliverable Requested: I, II, III, IV, Other (specify)										Special Instructions/QC Requirements:															
Empty Kit Relinquished by:		Date:				Time:				Method of Shipment:															
Relinquished by: MARK MANN / [Signature]		Date/Time: 08/08/24 0835				Company: WSP				Received by: [Signature] 929				Date/Time: 08/08/24 0835				Company: COURIER NOW							
Relinquished by:		Date/Time:				Company:				Received by:				Date/Time:				Company:							
Relinquished by:		Date/Time:				Company:				Received by: [Signature]				Date/Time: 8/9/24 1315				Company: EARTHUS							
Custody Seals Intact: Δ Yes Δ No		Custody Seal No.:				Cooler Temperature(s) °C and Other Remarks: 1.0/1.0																			



Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-254379-1

Login Number: 254379

List Number: 1

Creator: Munro, Caroline

List Source: Eurofins Savannah

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



ANALYTICAL REPORT

PREPARED FOR

Attn: Joju Abraham
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Generated 8/22/2024 10:34:51 AM

JOB DESCRIPTION

CCR - Plant Scherer Cell 1

JOB NUMBER

680-254469-1

Eurofins Savannah

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization



Generated
8/22/2024 10:34:51 AM

Authorized for release by
David Fuller, Project Manager
David.Fuller@et.eurofinsus.com
(770)344-8986

Definitions/Glossary

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-254469-1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Sample Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-254469-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-254469-1	SCH-GWC-14	Water	08/08/24 10:55	08/09/24 14:55

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Case Narrative

Client: Southern Company
Project: CCR - Plant Scherer Cell 1

Job ID: 680-254469-1

Job ID: 680-254469-1

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Job Narrative 680-254469-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Receipt

The sample was received on 8/9/2024 2:55 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.1°C.

HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Client Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-254469-1

Client Sample ID: SCH-GWC-14

Lab Sample ID: 680-254469-1

Date Collected: 08/08/24 10:55

Matrix: Water

Date Received: 08/09/24 14:55

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.4	F1 F2	1.0	0.20	mg/L			08/20/24 17:42	1
Fluoride	<0.040	F2	0.10	0.040	mg/L			08/20/24 17:42	1
Sulfate	<0.40	F2	1.0	0.40	mg/L			08/20/24 17:42	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		08/12/24 12:35	08/13/24 12:55	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		08/12/24 12:35	08/13/24 12:55	1
Barium	0.013		0.010	0.00089	mg/L		08/12/24 12:35	08/13/24 12:55	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		08/12/24 12:35	08/13/24 12:55	1
Boron	<0.022		0.080	0.022	mg/L		08/12/24 12:35	08/13/24 12:55	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		08/12/24 12:35	08/13/24 12:55	1
Calcium	8.3		0.50	0.14	mg/L		08/12/24 12:35	08/13/24 12:55	1
Chromium	<0.0012		0.0020	0.0012	mg/L		08/12/24 12:35	08/13/24 12:55	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		08/12/24 12:35	08/13/24 12:55	1
Copper	<0.0011		0.0020	0.0011	mg/L		08/12/24 12:35	08/13/24 12:55	1
Lead	<0.00021		0.0010	0.00021	mg/L		08/12/24 12:35	08/13/24 12:55	1
Magnesium	4.3		0.50	0.023	mg/L		08/12/24 12:35	08/13/24 12:55	1
Nickel	<0.00042		0.0010	0.00042	mg/L		08/12/24 12:35	08/13/24 12:55	1
Potassium	0.55		0.50	0.044	mg/L		08/12/24 12:35	08/13/24 12:55	1
Selenium	<0.00099		0.0050	0.00099	mg/L		08/12/24 12:35	08/13/24 12:55	1
Silver	<0.00039		0.0010	0.00039	mg/L		08/12/24 12:35	08/13/24 12:55	1
Sodium	3.9		0.50	0.20	mg/L		08/12/24 12:35	08/13/24 12:55	1
Thallium	<0.00026		0.0010	0.00026	mg/L		08/12/24 12:35	08/13/24 12:55	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		08/12/24 12:35	08/13/24 12:55	1
Zinc	<0.0028		0.0050	0.0028	mg/L		08/12/24 12:35	08/13/24 12:55	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		08/13/24 11:25	08/13/24 16:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	36		5.0	2.2	mg/L			08/15/24 16:54	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	36		5.0	5.0	mg/L			08/15/24 16:54	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			08/15/24 16:54	1
Total Dissolved Solids (SM 2540C-2011)	65		10	10	mg/L			08/14/24 14:15	1

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-254469-1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography

Lab Sample ID: MB 680-852232/2
Matrix: Water
Analysis Batch: 852232

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.20		1.0	0.20	mg/L			08/20/24 12:33	1
Fluoride	<0.040		0.10	0.040	mg/L			08/20/24 12:33	1
Sulfate	<0.40		1.0	0.40	mg/L			08/20/24 12:33	1

Lab Sample ID: LCS 680-852232/65
Matrix: Water
Analysis Batch: 852232

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.6		mg/L		106	90 - 110
Fluoride	2.00	1.95		mg/L		98	90 - 110
Sulfate	10.0	9.16		mg/L		92	90 - 110

Lab Sample ID: LCSD 680-852232/66
Matrix: Water
Analysis Batch: 852232

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	9.65		mg/L		96	90 - 110	9	15
Fluoride	2.00	1.98		mg/L		99	90 - 110	1	15
Sulfate	10.0	9.18		mg/L		92	90 - 110	0	15

Lab Sample ID: 680-254469-1 MS
Matrix: Water
Analysis Batch: 852232

Client Sample ID: SCH-GWC-14
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	4.4	F1 F2	10.0	14.3		mg/L		99	80 - 120
Fluoride	<0.040	F2	2.00	2.03		mg/L		101	80 - 120
Sulfate	<0.40	F2	10.0	9.41		mg/L		94	80 - 120

Lab Sample ID: 680-254469-1 MSD
Matrix: Water
Analysis Batch: 852232

Client Sample ID: SCH-GWC-14
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	4.4	F1 F2	500	715	F1 F2	mg/L		142	80 - 120	192	15
Fluoride	<0.040	F2	100	102	F2	mg/L		102	80 - 120	192	15
Sulfate	<0.40	F2	500	470	F2	mg/L		94	80 - 120	192	15

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 680-850954/1-A
Matrix: Water
Analysis Batch: 851266

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 850954

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		08/12/24 12:35	08/13/24 12:11	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		08/12/24 12:35	08/13/24 12:11	1
Barium	<0.00089		0.010	0.00089	mg/L		08/12/24 12:35	08/13/24 12:11	1

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QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-254469-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 680-850954/1-A
Matrix: Water
Analysis Batch: 851266

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 850954

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Beryllium	<0.00020		0.0025	0.00020	mg/L		08/12/24 12:35	08/13/24 12:11	1
Boron	<0.022		0.080	0.022	mg/L		08/12/24 12:35	08/13/24 12:11	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		08/12/24 12:35	08/13/24 12:11	1
Calcium	<0.14		0.50	0.14	mg/L		08/12/24 12:35	08/13/24 12:11	1
Chromium	<0.0012		0.0020	0.0012	mg/L		08/12/24 12:35	08/13/24 12:11	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		08/12/24 12:35	08/13/24 12:11	1
Copper	<0.0011		0.0020	0.0011	mg/L		08/12/24 12:35	08/13/24 12:11	1
Lead	<0.00021		0.0010	0.00021	mg/L		08/12/24 12:35	08/13/24 12:11	1
Magnesium	<0.023		0.50	0.023	mg/L		08/12/24 12:35	08/13/24 12:11	1
Nickel	<0.00042		0.0010	0.00042	mg/L		08/12/24 12:35	08/13/24 12:11	1
Potassium	<0.044		0.50	0.044	mg/L		08/12/24 12:35	08/13/24 12:11	1
Selenium	<0.00099		0.0050	0.00099	mg/L		08/12/24 12:35	08/13/24 12:11	1
Silver	<0.00039		0.0010	0.00039	mg/L		08/12/24 12:35	08/13/24 12:11	1
Sodium	<0.20		0.50	0.20	mg/L		08/12/24 12:35	08/13/24 12:11	1
Thallium	<0.00026		0.0010	0.00026	mg/L		08/12/24 12:35	08/13/24 12:11	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		08/12/24 12:35	08/13/24 12:11	1
Zinc	<0.0028		0.0050	0.0028	mg/L		08/12/24 12:35	08/13/24 12:11	1

Lab Sample ID: LCS 680-850954/2-A
Matrix: Water
Analysis Batch: 851266

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 850954

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Antimony	0.0500	0.0559		mg/L		112	80 - 120
Arsenic	0.100	0.114		mg/L		114	80 - 120
Barium	0.100	0.110		mg/L		110	80 - 120
Beryllium	0.0500	0.0555		mg/L		111	80 - 120
Boron	0.400	0.439		mg/L		110	80 - 120
Cadmium	0.0500	0.0569		mg/L		114	80 - 120
Calcium	5.00	5.53		mg/L		111	80 - 120
Chromium	0.100	0.111		mg/L		111	80 - 120
Cobalt	0.0500	0.0572		mg/L		114	80 - 120
Copper	0.101	0.114		mg/L		113	80 - 120
Lead	0.500	0.528		mg/L		106	80 - 120
Magnesium	5.00	5.60		mg/L		112	80 - 120
Nickel	0.100	0.114		mg/L		114	80 - 120
Potassium	7.00	8.09		mg/L		116	80 - 120
Selenium	0.100	0.111		mg/L		111	80 - 120
Silver	0.0500	0.0563		mg/L		113	80 - 120
Sodium	5.00	5.46		mg/L		109	80 - 120
Thallium	0.0500	0.0537		mg/L		107	80 - 120
Vanadium	0.100	0.109		mg/L		109	80 - 120
Zinc	0.100	0.113		mg/L		113	80 - 120

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-254469-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 400-260445-C-1-B MS
Matrix: Water
Analysis Batch: 851266

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 850954

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec	
	Result	Qualifier	Added	Result	Qualifier			Limits		
Antimony	0.0024		0.0500	0.0564		mg/L		108	75 - 125	
Arsenic	0.0015		0.100	0.112		mg/L		110	75 - 125	
Barium	0.032		0.100	0.138		mg/L		106	75 - 125	
Beryllium	<0.00020		0.0500	0.0536		mg/L		107	75 - 125	
Boron	0.086		0.400	0.470		mg/L		96	75 - 125	
Cadmium	<0.000078		0.0500	0.0566		mg/L		113	75 - 125	
Calcium	61		5.00	60.7	4	mg/L		-5	75 - 125	
Chromium	<0.0012		0.100	0.109		mg/L		109	75 - 125	
Cobalt	<0.00022		0.0500	0.0554		mg/L		111	75 - 125	
Copper	<0.0011		0.101	0.109		mg/L		108	75 - 125	
Lead	<0.00021		0.500	0.523		mg/L		105	75 - 125	
Magnesium	77		5.00	74.7	4	mg/L		-44	75 - 125	
Nickel	<0.00042		0.100	0.108		mg/L		108	75 - 125	
Potassium	6.4		7.00	13.7		mg/L		104	75 - 125	
Selenium	<0.00099		0.100	0.109		mg/L		109	75 - 125	
Silver	<0.00039		0.0500	0.0544		mg/L		109	75 - 125	
Sodium	65		5.00	64.5	4	mg/L		-19	75 - 125	
Thallium	<0.00026		0.0500	0.0534		mg/L		107	75 - 125	
Vanadium	<0.00063		0.100	0.108		mg/L		108	75 - 125	
Zinc	0.0064		0.100	0.116		mg/L		110	75 - 125	

Lab Sample ID: 400-260445-C-1-C MSD
Matrix: Water
Analysis Batch: 851266

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 850954

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier			Limits	Limits	RPD	Limit
Antimony	0.0024		0.0500	0.0540		mg/L		103	75 - 125	4	20
Arsenic	0.0015		0.100	0.108		mg/L		107	75 - 125	3	20
Barium	0.032		0.100	0.134		mg/L		102	75 - 125	3	20
Beryllium	<0.00020		0.0500	0.0535		mg/L		107	75 - 125	0	20
Boron	0.086		0.400	0.466		mg/L		95	75 - 125	1	20
Cadmium	<0.000078		0.0500	0.0547		mg/L		109	75 - 125	3	20
Calcium	61		5.00	58.8	4	mg/L		-44	75 - 125	3	20
Chromium	<0.0012		0.100	0.105		mg/L		105	75 - 125	3	20
Cobalt	<0.00022		0.0500	0.0534		mg/L		107	75 - 125	4	20
Copper	<0.0011		0.101	0.106		mg/L		105	75 - 125	3	20
Lead	<0.00021		0.500	0.508		mg/L		102	75 - 125	3	20
Magnesium	77		5.00	72.3	4	mg/L		-92	75 - 125	3	20
Nickel	<0.00042		0.100	0.105		mg/L		105	75 - 125	3	20
Potassium	6.4		7.00	13.3		mg/L		98	75 - 125	3	20
Selenium	<0.00099		0.100	0.106		mg/L		106	75 - 125	2	20
Silver	<0.00039		0.0500	0.0529		mg/L		106	75 - 125	3	20
Sodium	65		5.00	62.3	4	mg/L		-62	75 - 125	3	20
Thallium	<0.00026		0.0500	0.0523		mg/L		105	75 - 125	2	20
Vanadium	<0.00063		0.100	0.105		mg/L		105	75 - 125	3	20
Zinc	0.0064		0.100	0.113		mg/L		106	75 - 125	3	20

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-254469-1

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 680-851122/1-A
Matrix: Water
Analysis Batch: 851241

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 851122

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		08/13/24 11:25	08/13/24 15:53	1

Lab Sample ID: LCS 680-851122/2-A
Matrix: Water
Analysis Batch: 851241

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 851122

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00250	0.00261		mg/L		104	80 - 120

Method: 2320B-2011 - Alkalinity, Total

Lab Sample ID: MB 680-851806/4
Matrix: Water
Analysis Batch: 851806

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<2.2		5.0	2.2	mg/L			08/15/24 13:26	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			08/15/24 13:26	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			08/15/24 13:26	1

Lab Sample ID: LCS 680-851806/6
Matrix: Water
Analysis Batch: 851806

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3 to pH 4.5	250	241		mg/L		97	90 - 112

Lab Sample ID: LCSD 680-851806/31
Matrix: Water
Analysis Batch: 851806

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	250	246		mg/L		98	90 - 112	2	30

Lab Sample ID: 680-254374-E-1 DU
Matrix: Water
Analysis Batch: 851806

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	110		105		mg/L		0.06	30
Bicarbonate Alkalinity as CaCO3	110		105		mg/L		0.06	30
Carbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	30

QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-254469-1

Method: 2540C-2011 - Total Dissolved Solids (Dried at 180 °C)

Lab Sample ID: MB 680-851395/1
Matrix: Water
Analysis Batch: 851395

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			08/14/24 14:15	1

Lab Sample ID: LCS 680-851395/2
Matrix: Water
Analysis Batch: 851395

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	2440	2400		mg/L		99	80 - 120

Lab Sample ID: LCSD 680-851395/3
Matrix: Water
Analysis Batch: 851395

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids	2440	2400		mg/L		98	80 - 120	0	25

Lab Sample ID: 680-254427-B-1 DU
Matrix: Water
Analysis Batch: 851395

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	710		702		mg/L		1	5

QC Association Summary

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-254469-1

HPLC/IC

Analysis Batch: 852232

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254469-1	SCH-GWC-14	Total/NA	Water	300.0-1993 R2.1	
MB 680-852232/2	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-852232/65	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-852232/66	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
680-254469-1 MS	SCH-GWC-14	Total/NA	Water	300.0-1993 R2.1	
680-254469-1 MSD	SCH-GWC-14	Total/NA	Water	300.0-1993 R2.1	

Metals

Prep Batch: 850954

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254469-1	SCH-GWC-14	Total Recoverable	Water	3005A	
MB 680-850954/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-850954/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
400-260445-C-1-B MS	Matrix Spike	Total Recoverable	Water	3005A	
400-260445-C-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Prep Batch: 851122

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254469-1	SCH-GWC-14	Total/NA	Water	7470A	
MB 680-851122/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-851122/2-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 851241

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254469-1	SCH-GWC-14	Total/NA	Water	7470A	851122
MB 680-851122/1-A	Method Blank	Total/NA	Water	7470A	851122
LCS 680-851122/2-A	Lab Control Sample	Total/NA	Water	7470A	851122

Analysis Batch: 851266

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254469-1	SCH-GWC-14	Total Recoverable	Water	6020B	850954
MB 680-850954/1-A	Method Blank	Total Recoverable	Water	6020B	850954
LCS 680-850954/2-A	Lab Control Sample	Total Recoverable	Water	6020B	850954
400-260445-C-1-B MS	Matrix Spike	Total Recoverable	Water	6020B	850954
400-260445-C-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	850954

General Chemistry

Analysis Batch: 851395

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254469-1	SCH-GWC-14	Total/NA	Water	2540C-2011	
MB 680-851395/1	Method Blank	Total/NA	Water	2540C-2011	
LCS 680-851395/2	Lab Control Sample	Total/NA	Water	2540C-2011	
LCSD 680-851395/3	Lab Control Sample Dup	Total/NA	Water	2540C-2011	
680-254427-B-1 DU	Duplicate	Total/NA	Water	2540C-2011	

Analysis Batch: 851806

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254469-1	SCH-GWC-14	Total/NA	Water	2320B-2011	
MB 680-851806/4	Method Blank	Total/NA	Water	2320B-2011	
LCS 680-851806/6	Lab Control Sample	Total/NA	Water	2320B-2011	

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QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-254469-1

General Chemistry (Continued)

Analysis Batch: 851806 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 680-851806/31	Lab Control Sample Dup	Total/NA	Water	2320B-2011	
680-254374-E-1 DU	Duplicate	Total/NA	Water	2320B-2011	

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- 11
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Lab Chronicle

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-254469-1

Client Sample ID: SCH-GWC-14

Lab Sample ID: 680-254469-1

Date Collected: 08/08/24 10:55

Matrix: Water

Date Received: 08/09/24 14:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	2 mL	2 mL	852232	08/20/24 17:42	BS	EET SAV
Instrument ID: CICR										
Total Recoverable	Prep	3005A			25 mL	125 mL	850954	08/12/24 12:35	RR	EET SAV
Total Recoverable	Analysis	6020B		1			851266	08/13/24 12:55	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	851122	08/13/24 11:25	MG	EET SAV
Total/NA	Analysis	7470A		1			851241	08/13/24 16:25	BJB	EET SAV
Instrument ID: QuickTrace3										
Total/NA	Analysis	2320B-2011		1			851806	08/15/24 16:54	PG	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	851395	08/14/24 14:15	PG	EET SAV
Instrument ID: NOEQUIP										

Laboratory References:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858



Accreditation/Certification Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-254469-1

Laboratory: Eurofins Savannah

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87052	06-30-25
Georgia	State	E87052	06-30-25

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Method Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-254469-1

Method	Method Description	Protocol	Laboratory
300.0-1993 R2.1	Anions, Ion Chromatography	MCAWW	EET SAV
6020B	Metals (ICP/MS)	SW846	EET SAV
7470A	Mercury (CVAA)	SW846	EET SAV
2320B-2011	Alkalinity, Total	SM	EET SAV
2540C-2011	Total Dissolved Solids (Dried at 180 °C)	SM	EET SAV
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET SAV
7470A	Preparation, Mercury	SW846	EET SAV

Protocol References:

- MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.
- SM = "Standard Methods For The Examination Of Water And Wastewater"
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

- EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858



Eurofins Savannah

5102 LaRoche Avenue
Savannah, GA 31404
Phone (912) 354-7858 Phone (912) 352-0165

Chain of Custody Record



Environment Testing

Client Information		Sampler(s): Mark Mann		Lab PM / Phone: David Fuller / 770-344-8986		Carrier Tracking No(s):		COC No:	
Client Contact: Joju Abraham		Site-Project Manager / Phone: Dawn Prell / 248-536-5445		E-Mail: David.Fuller@et.eurofinsus.com		State of Origin: GA		Page: Page 1 of 1	
Company: Southern Company				Analysis Requested				Job #:	
Address: 241 Ralph McGill Blvd SE B10185		Due Date Requested:							
City: Atlanta		TAT Requested (days): 2 weeks				A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA		M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Y - Trizma Z - other (specify)	
State, Zip: GA, 30308		Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No						Other:	
Phone:		Lab Project # (DO NOT REMOVE): 68027798							
Email: JAbraham@southernco.com		Lab PO #: GPC82130-0006 / PO Line #3							
Project Name: CCR - Plant Scherer Cell 1		Project #:							
Site:									

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Analysis Requested										Total Number of containers	Task_Code: SCH-CCR-ASSMT-2024S2 Special Instructions/Notes:						
							300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C - Solids, Total Dissolved (TDS)	6020B - App III, State (15) Metals + Cations (Mg, K, Na)	7470A - Mercury	2320B - Alkalinity, Total, Carb/Bicarb													
SCH-GWC-14	8/8/24	10:55	G	WG	N	N	N	X	X	X	X	X											4	

680-254469 Chain of Custody

Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological				Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months			
Deliverable Requested: I, II, III, IV, Other (specify)				Special Instructions/QC Requirements:			
Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:	
Relinquished by: <i>MARK MANN</i>		Date/Time: <i>08/09/24 1200</i>		Company: <i>WSP</i>		Received by: <i>Sandra Lucas</i>	
Relinquished by:		Date/Time:		Company:		Received by:	
Relinquished by:		Date/Time:		Company:		Received by:	
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: <i>1.1/1.1</i> <i>C.D.O.</i>			

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-254469-1

Login Number: 254469

List Number: 1

Creator: Munro, Caroline

List Source: Eurofins Savannah

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



ANALYTICAL REPORT

PREPARED FOR

Attn: Joju Abraham
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Generated 8/16/2024 1:20:47 PM

JOB DESCRIPTION

CCR - Plant Scherer PAC Ash Cell

JOB NUMBER

680-254290-1

Eurofins Savannah

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization



Authorized for release by
David Fuller, Project Manager
David.Fuller@et.eurofinsus.com
(770)344-8986

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Definitions/Glossary

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-254290-1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
E	Result exceeded calibration range.
F1	MS and/or MSD recovery exceeds control limits.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Sample Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-254290-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-254290-1	SCH-GWA-21	Water	08/06/24 14:46	08/07/24 11:30

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Case Narrative

Client: Southern Company
Project: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-254290-1

Job ID: 680-254290-1

Eurofins Savannah

Job Narrative 680-254290-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Receipt

The sample was received on 8/7/2024 11:30 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.8°C.

HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Client Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-254290-1

Client Sample ID: SCH-GWA-21

Lab Sample ID: 680-254290-1

Date Collected: 08/06/24 14:46

Matrix: Water

Date Received: 08/07/24 11:30

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.2		1.0	0.20	mg/L			08/14/24 18:13	1
Fluoride	<0.040		0.10	0.040	mg/L			08/15/24 22:17	1
Sulfate	1.7		1.0	0.40	mg/L			08/14/24 18:13	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		08/08/24 05:54	08/08/24 15:44	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		08/08/24 05:54	08/08/24 15:44	1
Barium	0.019		0.010	0.00089	mg/L		08/08/24 05:54	08/08/24 15:44	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		08/08/24 05:54	08/08/24 15:44	1
Boron	<0.022		0.080	0.022	mg/L		08/08/24 05:54	08/09/24 15:42	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		08/08/24 05:54	08/08/24 15:44	1
Calcium	6.0		0.50	0.14	mg/L		08/08/24 05:54	08/08/24 15:44	1
Chromium	0.0021		0.0020	0.0012	mg/L		08/08/24 05:54	08/08/24 15:44	1
Cobalt	0.00056	J	0.0025	0.00022	mg/L		08/08/24 05:54	08/08/24 15:44	1
Copper	<0.0011		0.0020	0.0011	mg/L		08/08/24 05:54	08/08/24 15:44	1
Lead	<0.00021		0.0010	0.00021	mg/L		08/08/24 05:54	08/08/24 15:44	1
Magnesium	4.0		0.50	0.023	mg/L		08/08/24 05:54	08/08/24 15:44	1
Nickel	0.00096	J	0.0010	0.00042	mg/L		08/08/24 05:54	08/08/24 15:44	1
Potassium	0.62		0.50	0.044	mg/L		08/08/24 05:54	08/08/24 15:44	1
Selenium	<0.00099		0.0050	0.00099	mg/L		08/08/24 05:54	08/08/24 15:44	1
Silver	<0.00039		0.0010	0.00039	mg/L		08/08/24 05:54	08/08/24 15:44	1
Sodium	8.0		0.50	0.20	mg/L		08/08/24 05:54	08/08/24 15:44	1
Thallium	<0.00026		0.0010	0.00026	mg/L		08/08/24 05:54	08/08/24 15:44	1
Vanadium	0.0030		0.0020	0.00063	mg/L		08/08/24 05:54	08/08/24 15:44	1
Zinc	<0.0028		0.0050	0.0028	mg/L		08/08/24 05:54	08/08/24 15:44	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		08/12/24 12:22	08/13/24 09:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	37		5.0	2.2	mg/L			08/08/24 16:43	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	37		5.0	5.0	mg/L			08/08/24 16:43	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			08/08/24 16:43	1
Total Dissolved Solids (SM 2540C-2011)	87		10	10	mg/L			08/09/24 11:19	1

QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-254290-1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography

Lab Sample ID: MB 680-851331/33
Matrix: Water
Analysis Batch: 851331

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.20		1.0	0.20	mg/L			08/14/24 16:31	1
Sulfate	<0.40		1.0	0.40	mg/L			08/14/24 16:31	1

Lab Sample ID: LCS 680-851331/34
Matrix: Water
Analysis Batch: 851331

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.54		mg/L		95	90 - 110
Sulfate	10.0	9.54		mg/L		95	90 - 110

Lab Sample ID: LCSD 680-851331/35
Matrix: Water
Analysis Batch: 851331

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	9.43		mg/L		94	90 - 110	1	15
Sulfate	10.0	9.51		mg/L		95	90 - 110	0	15

Lab Sample ID: 680-254295-H-1 MS
Matrix: Water
Analysis Batch: 851331

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	7.8		10.0	17.6		mg/L		97	80 - 120
Fluoride	<0.040		2.00	2.05		mg/L		102	80 - 120
Sulfate	430	E	10.0	436	E 4	mg/L		17	80 - 120

Lab Sample ID: 680-254295-H-1 MSD
Matrix: Water
Analysis Batch: 851331

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	7.8		10.0	17.6		mg/L		97	80 - 120	0	15
Fluoride	<0.040		2.00	2.05		mg/L		102	80 - 120	0	15
Sulfate	430	E	10.0	435	E 4	mg/L		8	80 - 120	0	15

Lab Sample ID: MB 680-851839/39
Matrix: Water
Analysis Batch: 851839

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.20		1.0	0.20	mg/L			08/15/24 21:38	1
Fluoride	<0.040		0.10	0.040	mg/L			08/15/24 21:38	1
Sulfate	<0.40		1.0	0.40	mg/L			08/15/24 21:38	1

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-254290-1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 680-851839/55
Matrix: Water
Analysis Batch: 851839

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Chloride	10.0	10.1		mg/L		101	90 - 110	
Fluoride	2.00	2.03		mg/L		102	90 - 110	
Sulfate	10.0	9.45		mg/L		95	90 - 110	

Lab Sample ID: LCSD 680-851839/56
Matrix: Water
Analysis Batch: 851839

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits		RPD	Limit
Chloride	10.0	10.1		mg/L		101	90 - 110		0	15
Fluoride	2.00	2.05		mg/L		102	90 - 110		1	15
Sulfate	10.0	9.41		mg/L		94	90 - 110		0	15

Lab Sample ID: 680-254295-H-1 MS
Matrix: Water
Analysis Batch: 851839

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	
Chloride	9.1	J F1	20.0	35.4	F1	mg/L		131	80 - 120	
Fluoride	<1.0		4.00	3.60		mg/L		90	80 - 120	
Sulfate	870		20.0	2240	E 4	mg/L		6843	80 - 120	

Lab Sample ID: 680-254295-H-1 MSD
Matrix: Water
Analysis Batch: 851839

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits		RPD	Limit
Chloride	9.1	J F1	20.0	35.3	F1	mg/L		131	80 - 120		0	15
Fluoride	<1.0		4.00	3.59		mg/L		90	80 - 120		0	15
Sulfate	870		20.0	2230	E 4	mg/L		6810	80 - 120		0	15

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 680-850375/1-A
Matrix: Water
Analysis Batch: 850616

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 850375

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		08/08/24 05:54	08/08/24 15:06	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		08/08/24 05:54	08/08/24 15:06	1
Barium	<0.00089		0.010	0.00089	mg/L		08/08/24 05:54	08/08/24 15:06	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		08/08/24 05:54	08/08/24 15:06	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		08/08/24 05:54	08/08/24 15:06	1
Calcium	<0.14		0.50	0.14	mg/L		08/08/24 05:54	08/08/24 15:06	1
Chromium	<0.0012		0.0020	0.0012	mg/L		08/08/24 05:54	08/08/24 15:06	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		08/08/24 05:54	08/08/24 15:06	1
Copper	<0.0011		0.0020	0.0011	mg/L		08/08/24 05:54	08/08/24 15:06	1
Lead	<0.00021		0.0010	0.00021	mg/L		08/08/24 05:54	08/08/24 15:06	1
Magnesium	<0.023		0.50	0.023	mg/L		08/08/24 05:54	08/08/24 15:06	1
Nickel	<0.00042		0.0010	0.00042	mg/L		08/08/24 05:54	08/08/24 15:06	1

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QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-254290-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 680-850375/1-A
Matrix: Water
Analysis Batch: 850616

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 850375

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Potassium	<0.044		0.50	0.044	mg/L		08/08/24 05:54	08/08/24 15:06	1
Selenium	<0.00099		0.0050	0.00099	mg/L		08/08/24 05:54	08/08/24 15:06	1
Silver	<0.00039		0.0010	0.00039	mg/L		08/08/24 05:54	08/08/24 15:06	1
Sodium	<0.20		0.50	0.20	mg/L		08/08/24 05:54	08/08/24 15:06	1
Thallium	<0.00026		0.0010	0.00026	mg/L		08/08/24 05:54	08/08/24 15:06	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		08/08/24 05:54	08/08/24 15:06	1
Zinc	<0.0028		0.0050	0.0028	mg/L		08/08/24 05:54	08/08/24 15:06	1

Lab Sample ID: MB 680-850375/1-A
Matrix: Water
Analysis Batch: 850907

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 850375

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Antimony	<0.00034		0.0020	0.00034	mg/L		08/08/24 05:54	08/09/24 15:04	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		08/08/24 05:54	08/09/24 15:04	1
Barium	<0.00089		0.010	0.00089	mg/L		08/08/24 05:54	08/09/24 15:04	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		08/08/24 05:54	08/09/24 15:04	1
Boron	<0.022		0.080	0.022	mg/L		08/08/24 05:54	08/09/24 15:04	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		08/08/24 05:54	08/09/24 15:04	1
Calcium	<0.14		0.50	0.14	mg/L		08/08/24 05:54	08/09/24 15:04	1
Chromium	<0.0012		0.0020	0.0012	mg/L		08/08/24 05:54	08/09/24 15:04	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		08/08/24 05:54	08/09/24 15:04	1
Copper	<0.0011		0.0020	0.0011	mg/L		08/08/24 05:54	08/09/24 15:04	1
Lead	<0.00021		0.0010	0.00021	mg/L		08/08/24 05:54	08/09/24 15:04	1
Magnesium	<0.023		0.50	0.023	mg/L		08/08/24 05:54	08/09/24 15:04	1
Nickel	<0.00042		0.0010	0.00042	mg/L		08/08/24 05:54	08/09/24 15:04	1
Potassium	<0.044		0.50	0.044	mg/L		08/08/24 05:54	08/09/24 15:04	1
Selenium	<0.00099		0.0050	0.00099	mg/L		08/08/24 05:54	08/09/24 15:04	1
Silver	<0.00039		0.0010	0.00039	mg/L		08/08/24 05:54	08/09/24 15:04	1
Sodium	<0.20		0.50	0.20	mg/L		08/08/24 05:54	08/09/24 15:04	1
Thallium	<0.00026		0.0010	0.00026	mg/L		08/08/24 05:54	08/09/24 15:04	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		08/08/24 05:54	08/09/24 15:04	1
Zinc	<0.0028		0.0050	0.0028	mg/L		08/08/24 05:54	08/09/24 15:04	1

Lab Sample ID: LCS 680-850375/2-A
Matrix: Water
Analysis Batch: 850616

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 850375

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Antimony	0.0500	0.0518		mg/L		104	80 - 120
Arsenic	0.100	0.105		mg/L		105	80 - 120
Barium	0.100	0.103		mg/L		103	80 - 120
Beryllium	0.0500	0.0534		mg/L		107	80 - 120
Cadmium	0.0500	0.0540		mg/L		108	80 - 120
Calcium	5.00	5.12		mg/L		102	80 - 120
Chromium	0.100	0.104		mg/L		104	80 - 120
Cobalt	0.0500	0.0541		mg/L		108	80 - 120
Copper	0.101	0.109		mg/L		108	80 - 120
Lead	0.500	0.496		mg/L		99	80 - 120

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QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-254290-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 680-850375/2-A
Matrix: Water
Analysis Batch: 850616

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 850375

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Magnesium	5.00	5.21		mg/L		104	80 - 120
Nickel	0.100	0.107		mg/L		107	80 - 120
Potassium	7.00	7.42		mg/L		106	80 - 120
Selenium	0.100	0.102		mg/L		102	80 - 120
Silver	0.0500	0.0538		mg/L		108	80 - 120
Sodium	5.00	5.14		mg/L		103	80 - 120
Thallium	0.0500	0.0510		mg/L		102	80 - 120
Vanadium	0.100	0.101		mg/L		101	80 - 120
Zinc	0.100	0.106		mg/L		106	80 - 120

Lab Sample ID: LCS 680-850375/2-A
Matrix: Water
Analysis Batch: 850907

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 850375

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Antimony	0.0500	0.0497		mg/L		99	80 - 120
Arsenic	0.100	0.103		mg/L		103	80 - 120
Barium	0.100	0.0988		mg/L		99	80 - 120
Beryllium	0.0500	0.0517		mg/L		103	80 - 120
Boron	0.400	0.400		mg/L		100	80 - 120
Cadmium	0.0500	0.0515		mg/L		103	80 - 120
Calcium	5.00	5.03		mg/L		101	80 - 120
Chromium	0.100	0.102		mg/L		102	80 - 120
Cobalt	0.0500	0.0528		mg/L		106	80 - 120
Copper	0.101	0.107		mg/L		106	80 - 120
Lead	0.500	0.481		mg/L		96	80 - 120
Magnesium	5.00	5.02		mg/L		100	80 - 120
Nickel	0.100	0.104		mg/L		104	80 - 120
Potassium	7.00	7.24		mg/L		103	80 - 120
Selenium	0.100	0.0990		mg/L		99	80 - 120
Silver	0.0500	0.0511		mg/L		102	80 - 120
Sodium	5.00	4.96		mg/L		99	80 - 120
Thallium	0.0500	0.0489		mg/L		98	80 - 120
Vanadium	0.100	0.0975		mg/L		98	80 - 120
Zinc	0.100	0.105		mg/L		105	80 - 120

Lab Sample ID: 680-254295-D-1-B MS
Matrix: Water
Analysis Batch: 850616

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 850375

Analyte	Sample Result	Sample Qualifier	Spike Added	MS	MS	Unit	D	%Rec	%Rec Limits
				Result	Qualifier				
Antimony	<0.00034		0.0500	0.0518		mg/L		104	75 - 125
Arsenic	0.0018		0.100	0.103		mg/L		101	75 - 125
Barium	0.011		0.100	0.112		mg/L		101	75 - 125
Beryllium	<0.00020		0.0500	0.0529		mg/L		106	75 - 125
Cadmium	0.00013	J	0.0500	0.0525		mg/L		105	75 - 125
Calcium	40		5.00	42.3	4	mg/L		37	75 - 125
Chromium	0.010		0.100	0.109		mg/L		98	75 - 125
Cobalt	0.069		0.0500	0.115		mg/L		92	75 - 125

QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-254290-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-254295-D-1-B MS
 Matrix: Water
 Analysis Batch: 850616

Client Sample ID: Matrix Spike
 Prep Type: Total Recoverable
 Prep Batch: 850375

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec	Limits
	Result	Qualifier	Added	Result	Qualifier					
Copper	0.019		0.101	0.118		mg/L		98	75 - 125	
Lead	<0.00021		0.500	0.484		mg/L		97	75 - 125	
Magnesium	17	F1	5.00	20.8	F1	mg/L		69	75 - 125	
Nickel	0.0084		0.100	0.107		mg/L		99	75 - 125	
Potassium	3.1		7.00	9.92		mg/L		98	75 - 125	
Selenium	0.0064		0.100	0.102		mg/L		96	75 - 125	
Silver	<0.00039		0.0500	0.0502		mg/L		100	75 - 125	
Sodium	330		5.00	312	4	mg/L		-403	75 - 125	
Thallium	<0.00026		0.0500	0.0497		mg/L		99	75 - 125	
Vanadium	<0.00063		0.100	0.100		mg/L		100	75 - 125	
Zinc	0.13		0.100	0.216		mg/L		89	75 - 125	

Lab Sample ID: 680-254295-D-1-C MSD
 Matrix: Water
 Analysis Batch: 850616

Client Sample ID: Matrix Spike Duplicate
 Prep Type: Total Recoverable
 Prep Batch: 850375

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	Limits	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier						RPD	Limit
Antimony	<0.00034		0.0500	0.0521		mg/L		104	75 - 125	0	20	
Arsenic	0.0018		0.100	0.105		mg/L		103	75 - 125	1	20	
Barium	0.011		0.100	0.113		mg/L		102	75 - 125	2	20	
Beryllium	<0.00020		0.0500	0.0533		mg/L		107	75 - 125	1	20	
Cadmium	0.00013	J	0.0500	0.0526		mg/L		105	75 - 125	0	20	
Calcium	40		5.00	43.1	4	mg/L		53	75 - 125	2	20	
Chromium	0.010		0.100	0.110		mg/L		100	75 - 125	1	20	
Cobalt	0.069		0.0500	0.116		mg/L		94	75 - 125	1	20	
Copper	0.019		0.101	0.120		mg/L		99	75 - 125	1	20	
Lead	<0.00021		0.500	0.493		mg/L		99	75 - 125	2	20	
Magnesium	17	F1	5.00	21.2		mg/L		77	75 - 125	2	20	
Nickel	0.0084		0.100	0.110		mg/L		101	75 - 125	3	20	
Potassium	3.1		7.00	10.1		mg/L		101	75 - 125	2	20	
Selenium	0.0064		0.100	0.105		mg/L		98	75 - 125	3	20	
Silver	<0.00039		0.0500	0.0503		mg/L		101	75 - 125	0	20	
Sodium	330		5.00	316	4	mg/L		-325	75 - 125	1	20	
Thallium	<0.00026		0.0500	0.0506		mg/L		101	75 - 125	2	20	
Vanadium	<0.00063		0.100	0.103		mg/L		103	75 - 125	2	20	
Zinc	0.13		0.100	0.221		mg/L		93	75 - 125	2	20	

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 680-850946/1-A
 Matrix: Water
 Analysis Batch: 851241

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 850946

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	<0.000080		0.00020	0.000080	mg/L		08/12/24 12:22	08/13/24 09:21	1

QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-254290-1

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: LCS 680-850946/2-A
Matrix: Water
Analysis Batch: 851241

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 850946

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00250	0.00244		mg/L		98	80 - 120

Lab Sample ID: 680-254142-D-1-C MS
Matrix: Water
Analysis Batch: 851241

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 850946

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.000080		0.00100	0.000966		mg/L		97	80 - 120

Lab Sample ID: 680-254142-D-1-D MSD
Matrix: Water
Analysis Batch: 851241

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 850946

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.000080		0.00100	0.000956		mg/L		96	80 - 120	1	20

Method: 2320B-2011 - Alkalinity, Total

Lab Sample ID: MB 680-850660/4
Matrix: Water
Analysis Batch: 850660

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<2.2		5.0	2.2	mg/L			08/08/24 13:44	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			08/08/24 13:44	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			08/08/24 13:44	1

Lab Sample ID: LCS 680-850660/6
Matrix: Water
Analysis Batch: 850660

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3 to pH 4.5	250	244		mg/L		98	90 - 112

Lab Sample ID: LCSD 680-850660/31
Matrix: Water
Analysis Batch: 850660

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	250	246		mg/L		98	90 - 112	1	30

Lab Sample ID: 680-254142-E-16 DU
Matrix: Water
Analysis Batch: 850660

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	70		64.6		mg/L		7	30
Bicarbonate Alkalinity as CaCO3	70		64.6		mg/L		7	30

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QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-254290-1

Method: 2320B-2011 - Alkalinity, Total (Continued)

Lab Sample ID: 680-254142-E-16 DU
 Matrix: Water
 Analysis Batch: 850660

Client Sample ID: Duplicate
 Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Carbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	30

Method: 2540C-2011 - Total Dissolved Solids (Dried at 180 °C)

Lab Sample ID: MB 680-850700/1
 Matrix: Water
 Analysis Batch: 850700

Client Sample ID: Method Blank
 Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			08/09/24 11:19	1

Lab Sample ID: LCS 680-850700/2
 Matrix: Water
 Analysis Batch: 850700

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	2440	2390		mg/L		98	80 - 120

Lab Sample ID: LCSD 680-850700/3
 Matrix: Water
 Analysis Batch: 850700

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Total Dissolved Solids	2440	2410		mg/L		99	80 - 120	1	25

Lab Sample ID: 680-254292-C-1 DU
 Matrix: Water
 Analysis Batch: 850700

Client Sample ID: Duplicate
 Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Total Dissolved Solids	1100		1100		mg/L		1	5

QC Association Summary

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-254290-1

HPLC/IC

Analysis Batch: 851331

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254290-1	SCH-GWA-21	Total/NA	Water	300.0-1993 R2.1	
MB 680-851331/33	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-851331/34	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-851331/35	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
680-254295-H-1 MS	Matrix Spike	Total/NA	Water	300.0-1993 R2.1	
680-254295-H-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0-1993 R2.1	

Analysis Batch: 851839

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254290-1	SCH-GWA-21	Total/NA	Water	300.0-1993 R2.1	
MB 680-851839/39	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-851839/55	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-851839/56	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
680-254295-H-1 MS	Matrix Spike	Total/NA	Water	300.0-1993 R2.1	
680-254295-H-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0-1993 R2.1	

Metals

Prep Batch: 850375

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254290-1	SCH-GWA-21	Total Recoverable	Water	3005A	
MB 680-850375/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-850375/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
680-254295-D-1-B MS	Matrix Spike	Total Recoverable	Water	3005A	
680-254295-D-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Analysis Batch: 850616

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254290-1	SCH-GWA-21	Total Recoverable	Water	6020B	850375
MB 680-850375/1-A	Method Blank	Total Recoverable	Water	6020B	850375
LCS 680-850375/2-A	Lab Control Sample	Total Recoverable	Water	6020B	850375
680-254295-D-1-B MS	Matrix Spike	Total Recoverable	Water	6020B	850375
680-254295-D-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	850375

Analysis Batch: 850907

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254290-1	SCH-GWA-21	Total Recoverable	Water	6020B	850375
MB 680-850375/1-A	Method Blank	Total Recoverable	Water	6020B	850375
LCS 680-850375/2-A	Lab Control Sample	Total Recoverable	Water	6020B	850375

Prep Batch: 850946

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254290-1	SCH-GWA-21	Total/NA	Water	7470A	
MB 680-850946/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-850946/2-A	Lab Control Sample	Total/NA	Water	7470A	
680-254142-D-1-C MS	Matrix Spike	Total/NA	Water	7470A	
680-254142-D-1-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 851241

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254290-1	SCH-GWA-21	Total/NA	Water	7470A	850946

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QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-254290-1

Metals (Continued)

Analysis Batch: 851241 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 680-850946/1-A	Method Blank	Total/NA	Water	7470A	850946
LCS 680-850946/2-A	Lab Control Sample	Total/NA	Water	7470A	850946
680-254142-D-1-C MS	Matrix Spike	Total/NA	Water	7470A	850946
680-254142-D-1-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	850946

General Chemistry

Analysis Batch: 850660

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254290-1	SCH-GWA-21	Total/NA	Water	2320B-2011	
MB 680-850660/4	Method Blank	Total/NA	Water	2320B-2011	
LCS 680-850660/6	Lab Control Sample	Total/NA	Water	2320B-2011	
LCSD 680-850660/31	Lab Control Sample Dup	Total/NA	Water	2320B-2011	
680-254142-E-16 DU	Duplicate	Total/NA	Water	2320B-2011	

Analysis Batch: 850700

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254290-1	SCH-GWA-21	Total/NA	Water	2540C-2011	
MB 680-850700/1	Method Blank	Total/NA	Water	2540C-2011	
LCS 680-850700/2	Lab Control Sample	Total/NA	Water	2540C-2011	
LCSD 680-850700/3	Lab Control Sample Dup	Total/NA	Water	2540C-2011	
680-254292-C-1 DU	Duplicate	Total/NA	Water	2540C-2011	

Lab Chronicle

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-254290-1

Client Sample ID: SCH-GWA-21

Lab Sample ID: 680-254290-1

Date Collected: 08/06/24 14:46

Matrix: Water

Date Received: 08/07/24 11:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	2 mL	2 mL	851331	08/14/24 18:13	BS	EET SAV
Instrument ID: CICR										
Total/NA	Analysis	300.0-1993 R2.1		1	2 mL	2 mL	851839	08/15/24 22:17	BS	EET SAV
Instrument ID: CICR										
Total Recoverable	Prep	3005A			25 mL	125 mL	850375	08/08/24 05:54	RR	EET SAV
Total Recoverable	Analysis	6020B		1			850616	08/08/24 15:44	BWR	EET SAV
Instrument ID: ICPMSD										
Total Recoverable	Prep	3005A			25 mL	125 mL	850375	08/08/24 05:54	RR	EET SAV
Total Recoverable	Analysis	6020B		1			850907	08/09/24 15:42	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	850946	08/12/24 12:22	MG	EET SAV
Total/NA	Analysis	7470A		1			851241	08/13/24 09:39	BJB	EET SAV
Instrument ID: QuickTrace3										
Total/NA	Analysis	2320B-2011		1			850660	08/08/24 16:43	PG	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	850700	08/09/24 11:19	PG	EET SAV
Instrument ID: NOEQUIP										

Laboratory References:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Accreditation/Certification Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-254290-1

Laboratory: Eurofins Savannah

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87052	06-30-25
Georgia	State	E87052	06-30-25

1

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Method Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-254290-1

Method	Method Description	Protocol	Laboratory
300.0-1993 R2.1	Anions, Ion Chromatography	MCAWW	EET SAV
6020B	Metals (ICP/MS)	SW846	EET SAV
7470A	Mercury (CVAA)	SW846	EET SAV
2320B-2011	Alkalinity, Total	SM	EET SAV
2540C-2011	Total Dissolved Solids (Dried at 180 °C)	SM	EET SAV
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET SAV
7470A	Preparation, Mercury	SW846	EET SAV

Protocol References:

- MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.
- SM = "Standard Methods For The Examination Of Water And Wastewater"
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

- EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858



Chain of Custody Record

Client Information		Sampler(s): Mark Mann		Lab PM / Phone: David Fuller / 770-344-8986		Carrier Tracking No(s):		COC No:							
Client Contact: Joju Abraham		Site-Project Manager / Phone: Dawn Prell / 248-536-5445		E-Mail: David.Fuller@et.eurofins.us.com		State of Origin: GA		Page: Page 1 of 1							
Company: Southern Company				Analysis Requested				Job #:							
Address: 241 Ralph McGill Blvd SE B10185		Due Date Requested:						Preservation Codes:							
City: Atlanta		TAT Requested (days): 2 weeks						A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Y - Trizma Z - other (specify)							
State, Zip: GA, 30308		Compliance Project: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No						Total Number of containers							
Phone:		Lab Project #: (DO NOT REMOVE) 68027798													
Email: JAbraham@southernco.com		Lab PO #: GPC82130-0006 / PO Line #4													
Project Name: CCR - Plant Scherer PAC Ash Cell		Project #:													
Site:															
Sample Identification		Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C - Solids, Total Dissolved (TDS)	6020B - App III, State (15) Metals + Cations (Mg, K, Na)	7470A - Mercury	2320B - Alkalinity, Total, Carb/Bicarb	Total Number of containers	Task Code: SCH-CCR-ASSMT-2024S2	Special Instructions/Notes:
				Preservation Code:											
SCH-GWA-21		8/6/24	14:46	G	WG	N	N	X	X	X	X	X	4		
Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months									
Deliverable Requested: I, II, III, IV, Other (specify)						Special Instructions/QC Requirements:									
Empty Kit Relinquished by:			Date:		Time:			Method of Shipment:							
Relinquished by: <i>MARK MANN / gmat</i>		Date/Time: 08/07/24 040		Company: WSP		Received by: <i>Inglenda Jones</i>		Date/Time: 08/07/24 040		Company: COURTIER NOW					
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:		Company:					
Relinquished by:		Date/Time:		Company:		Received by: <i>C. Mann</i>		Date/Time: 8/7/24 1130		Company: Eurofins					
Custody Seals Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: <i>1.9/1.8</i>											



680-254290 Chain of Custody



Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-254290-1

Login Number: 254290

List Number: 1

Creator: Munro, Caroline

List Source: Eurofins Savannah

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



ANALYTICAL REPORT

PREPARED FOR

Attn: Joju Abraham
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Generated 8/22/2024 4:12:05 PM

JOB DESCRIPTION

CCR - Plant Scherer PAC Ash Cell

JOB NUMBER

680-254471-1

Eurofins Savannah

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization



Authorized for release by
David Fuller, Project Manager
David.Fuller@et.eurofinsus.com
(770)344-8986

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Definitions/Glossary

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-254471-1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
F3	Duplicate RPD exceeds the control limit

Glossary

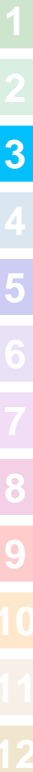
Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Sample Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-254471-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-254471-1	SCH-GWA-22	Water	08/08/24 10:35	08/09/24 14:55
680-254471-2	SCH-GWA-45	Water	08/08/24 09:16	08/09/24 14:55
680-254471-3	SCH-GWA-46	Water	08/08/24 10:40	08/09/24 14:55
680-254471-4	SCH-GWA-47	Water	08/08/24 11:33	08/09/24 14:55
680-254471-5	SCH-GWC-50	Water	08/08/24 12:30	08/09/24 14:55
680-254471-6	SCH-GWC-51	Water	08/08/24 11:38	08/09/24 14:55
680-254471-7	SCH-PAC-FD-7	Water	08/08/24 00:00	08/09/24 14:55
680-254471-8	SCH-PAC-FB-7	Water	08/08/24 10:00	08/09/24 14:55
680-254471-9	SCH-PAC-EB-7	Water	08/08/24 10:10	08/09/24 14:55
680-254471-10	SCH-PAC-FB-8	Water	08/08/24 09:30	08/09/24 14:55
680-254471-11	SCH-PAC-EB-8	Water	08/08/24 09:43	08/09/24 14:55
680-254471-12	SCH-GWA-48	Water	08/08/24 13:16	08/09/24 14:55
680-254471-13	SCH-GWC-29	Water	08/08/24 14:11	08/09/24 14:55
680-254471-14	SCH-GWC-52	Water	08/08/24 15:45	08/09/24 14:55
680-254471-15	SCH-GWC-53	Water	08/08/24 17:05	08/09/24 14:55
680-254471-16	SCH-PAC-FD-8	Water	08/08/24 00:00	08/09/24 14:55
680-254471-17	SCH-GWA-49	Water	08/09/24 09:26	08/09/24 14:55



Case Narrative

Client: Southern Company
Project: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-254471-1

Job ID: 680-254471-1

Eurofins Savannah

Job Narrative 680-254471-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Receipt

The samples were received on 8/9/2024 2:55 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 1.0°C, 1.1°C and 1.7°C.

HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry

Method 2540C: A lesser volume of sample was used for the following samples due to the nature of the sample matrix resulting in elevated reporting limits: SCH-GWA-45 (680-254471-2), SCH-GWC-53 (680-254471-15), and SCH-PAC-FD-8 (680-254471-16).

Method 2540C: The sample duplicate precision for the following sample associated with analytical batch 680-851677 was outside control limits: (680-254471-A-15 DU). The associated Laboratory Control Sample / Laboratory Control Sample Duplicate (LCS/LCSD) precision met acceptance criteria.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Client Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-254471-1

Client Sample ID: SCH-GWA-22

Lab Sample ID: 680-254471-1

Date Collected: 08/08/24 10:35

Matrix: Water

Date Received: 08/09/24 14:55

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.9		1.0	0.20	mg/L			08/20/24 19:37	1
Fluoride	<0.040		0.10	0.040	mg/L			08/20/24 19:37	1
Sulfate	<0.40		1.0	0.40	mg/L			08/20/24 19:37	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		08/12/24 07:08	08/12/24 21:18	1
Arsenic	0.00088	J	0.0010	0.00086	mg/L		08/12/24 07:08	08/12/24 21:18	1
Barium	0.023		0.010	0.00089	mg/L		08/12/24 07:08	08/12/24 21:18	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		08/12/24 07:08	08/12/24 21:18	1
Boron	<0.022		0.080	0.022	mg/L		08/12/24 07:08	08/12/24 21:18	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		08/12/24 07:08	08/12/24 21:18	1
Calcium	7.8		0.50	0.14	mg/L		08/12/24 07:08	08/12/24 21:18	1
Chromium	0.013		0.0020	0.0012	mg/L		08/12/24 07:08	08/12/24 21:18	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		08/12/24 07:08	08/12/24 21:18	1
Copper	<0.0011		0.0020	0.0011	mg/L		08/12/24 07:08	08/12/24 21:18	1
Lead	<0.00021		0.0010	0.00021	mg/L		08/12/24 07:08	08/12/24 21:18	1
Magnesium	4.0		0.50	0.023	mg/L		08/12/24 07:08	08/12/24 21:18	1
Nickel	<0.00042		0.0010	0.00042	mg/L		08/12/24 07:08	08/12/24 21:18	1
Potassium	0.84		0.50	0.044	mg/L		08/12/24 07:08	08/12/24 21:18	1
Selenium	<0.00099		0.0050	0.00099	mg/L		08/12/24 07:08	08/12/24 21:18	1
Silver	<0.00039		0.0010	0.00039	mg/L		08/12/24 07:08	08/12/24 21:18	1
Sodium	5.0		0.50	0.20	mg/L		08/12/24 07:08	08/12/24 21:18	1
Thallium	<0.00026		0.0010	0.00026	mg/L		08/12/24 07:08	08/12/24 21:18	1
Vanadium	0.0034		0.0020	0.00063	mg/L		08/12/24 07:08	08/12/24 21:18	1
Zinc	<0.0028		0.0050	0.0028	mg/L		08/12/24 07:08	08/12/24 21:18	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		08/14/24 14:35	08/14/24 20:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	48		5.0	2.2	mg/L			08/15/24 19:08	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	48		5.0	5.0	mg/L			08/15/24 19:08	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			08/15/24 19:08	1
Total Dissolved Solids (SM 2540C-2011)	73		10	10	mg/L			08/14/24 14:15	1

Client Sample ID: SCH-GWA-45

Lab Sample ID: 680-254471-2

Date Collected: 08/08/24 09:16

Matrix: Water

Date Received: 08/09/24 14:55

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	27		10	2.0	mg/L			08/20/24 19:57	10
Fluoride	<0.40		1.0	0.40	mg/L			08/20/24 19:57	10
Sulfate	300		10	4.0	mg/L			08/20/24 19:57	10

Eurofins Savannah

Client Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-254471-1

Client Sample ID: SCH-GWA-45

Lab Sample ID: 680-254471-2

Date Collected: 08/08/24 09:16

Matrix: Water

Date Received: 08/09/24 14:55

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		08/12/24 07:08	08/12/24 21:02	1
Arsenic	0.0011		0.0010	0.00086	mg/L		08/12/24 07:08	08/12/24 21:02	1
Barium	0.048		0.010	0.00089	mg/L		08/12/24 07:08	08/12/24 21:02	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		08/12/24 07:08	08/12/24 21:02	1
Boron	1.2		0.080	0.022	mg/L		08/12/24 07:08	08/12/24 21:02	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		08/12/24 07:08	08/12/24 21:02	1
Calcium	20		0.50	0.14	mg/L		08/12/24 07:08	08/12/24 21:02	1
Chromium	<0.0012		0.0020	0.0012	mg/L		08/12/24 07:08	08/12/24 21:02	1
Cobalt	0.0012	J	0.0025	0.00022	mg/L		08/12/24 07:08	08/12/24 21:02	1
Copper	<0.0011		0.0020	0.0011	mg/L		08/12/24 07:08	08/12/24 21:02	1
Lead	<0.00021		0.0010	0.00021	mg/L		08/12/24 07:08	08/12/24 21:02	1
Magnesium	9.2		0.50	0.023	mg/L		08/12/24 07:08	08/12/24 21:02	1
Nickel	0.00048	J	0.0010	0.00042	mg/L		08/12/24 07:08	08/12/24 21:02	1
Potassium	2.4		0.50	0.044	mg/L		08/12/24 07:08	08/12/24 21:02	1
Selenium	<0.00099		0.0050	0.00099	mg/L		08/12/24 07:08	08/12/24 21:02	1
Silver	<0.00039		0.0010	0.00039	mg/L		08/12/24 07:08	08/12/24 21:02	1
Sodium	55		0.50	0.20	mg/L		08/12/24 07:08	08/12/24 21:02	1
Thallium	<0.00026		0.0010	0.00026	mg/L		08/12/24 07:08	08/12/24 21:02	1
Vanadium	0.00075	J	0.0020	0.00063	mg/L		08/12/24 07:08	08/12/24 21:02	1
Zinc	0.0046	J	0.0050	0.0028	mg/L		08/12/24 07:08	08/12/24 21:02	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		08/14/24 14:35	08/14/24 20:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	22		5.0	2.2	mg/L			08/15/24 17:03	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	22		5.0	5.0	mg/L			08/15/24 17:03	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			08/15/24 17:03	1
Total Dissolved Solids (SM 2540C-2011)	290		40	40	mg/L			08/14/24 14:15	1

Client Sample ID: SCH-GWA-46

Lab Sample ID: 680-254471-3

Date Collected: 08/08/24 10:40

Matrix: Water

Date Received: 08/09/24 14:55

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.5		1.0	0.20	mg/L			08/20/24 20:03	1
Fluoride	<0.040		0.10	0.040	mg/L			08/20/24 20:03	1
Sulfate	<0.40		1.0	0.40	mg/L			08/20/24 20:03	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		08/12/24 07:08	08/12/24 21:15	1
Arsenic	0.0013		0.0010	0.00086	mg/L		08/12/24 07:08	08/12/24 21:15	1
Barium	0.024		0.010	0.00089	mg/L		08/12/24 07:08	08/12/24 21:15	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		08/12/24 07:08	08/12/24 21:15	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-254471-1

Client Sample ID: SCH-GWA-46

Lab Sample ID: 680-254471-3

Date Collected: 08/08/24 10:40

Matrix: Water

Date Received: 08/09/24 14:55

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.022		0.080	0.022	mg/L		08/12/24 07:08	08/12/24 21:15	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		08/12/24 07:08	08/12/24 21:15	1
Calcium	6.9		0.50	0.14	mg/L		08/12/24 07:08	08/12/24 21:15	1
Chromium	0.0060		0.0020	0.0012	mg/L		08/12/24 07:08	08/12/24 21:15	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		08/12/24 07:08	08/12/24 21:15	1
Copper	<0.0011		0.0020	0.0011	mg/L		08/12/24 07:08	08/12/24 21:15	1
Lead	<0.00021		0.0010	0.00021	mg/L		08/12/24 07:08	08/12/24 21:15	1
Magnesium	3.5		0.50	0.023	mg/L		08/12/24 07:08	08/12/24 21:15	1
Nickel	<0.00042		0.0010	0.00042	mg/L		08/12/24 07:08	08/12/24 21:15	1
Potassium	0.86		0.50	0.044	mg/L		08/12/24 07:08	08/12/24 21:15	1
Selenium	<0.00099		0.0050	0.00099	mg/L		08/12/24 07:08	08/12/24 21:15	1
Silver	<0.00039		0.0010	0.00039	mg/L		08/12/24 07:08	08/12/24 21:15	1
Sodium	4.9		0.50	0.20	mg/L		08/12/24 07:08	08/12/24 21:15	1
Thallium	<0.00026		0.0010	0.00026	mg/L		08/12/24 07:08	08/12/24 21:15	1
Vanadium	0.0019	J	0.0020	0.00063	mg/L		08/12/24 07:08	08/12/24 21:15	1
Zinc	0.0030	J	0.0050	0.0028	mg/L		08/12/24 07:08	08/12/24 21:15	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		08/14/24 14:35	08/14/24 20:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	34		5.0	2.2	mg/L			08/15/24 19:33	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	34		5.0	5.0	mg/L			08/15/24 19:33	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			08/15/24 19:33	1
Total Dissolved Solids (SM 2540C-2011)	67		10	10	mg/L			08/14/24 14:15	1

Client Sample ID: SCH-GWA-47

Lab Sample ID: 680-254471-4

Date Collected: 08/08/24 11:33

Matrix: Water

Date Received: 08/09/24 14:55

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.7		1.0	0.20	mg/L			08/20/24 20:09	1
Fluoride	<0.040		0.10	0.040	mg/L			08/20/24 20:09	1
Sulfate	<0.40		1.0	0.40	mg/L			08/20/24 20:09	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		08/12/24 07:08	08/12/24 20:56	1
Arsenic	0.0011		0.0010	0.00086	mg/L		08/12/24 07:08	08/12/24 20:56	1
Barium	0.038		0.010	0.00089	mg/L		08/12/24 07:08	08/12/24 20:56	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		08/12/24 07:08	08/12/24 20:56	1
Boron	<0.022		0.080	0.022	mg/L		08/12/24 07:08	08/12/24 20:56	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		08/12/24 07:08	08/12/24 20:56	1
Calcium	17		0.50	0.14	mg/L		08/12/24 07:08	08/12/24 20:56	1
Chromium	0.012		0.0020	0.0012	mg/L		08/12/24 07:08	08/12/24 20:56	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-254471-1

Client Sample ID: SCH-GWA-47

Lab Sample ID: 680-254471-4

Date Collected: 08/08/24 11:33

Matrix: Water

Date Received: 08/09/24 14:55

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	<0.00022		0.0025	0.00022	mg/L		08/12/24 07:08	08/12/24 20:56	1
Copper	<0.0011		0.0020	0.0011	mg/L		08/12/24 07:08	08/12/24 20:56	1
Lead	<0.00021		0.0010	0.00021	mg/L		08/12/24 07:08	08/12/24 20:56	1
Magnesium	7.8		0.50	0.023	mg/L		08/12/24 07:08	08/12/24 20:56	1
Nickel	<0.00042		0.0010	0.00042	mg/L		08/12/24 07:08	08/12/24 20:56	1
Potassium	1.2		0.50	0.044	mg/L		08/12/24 07:08	08/12/24 20:56	1
Selenium	<0.00099		0.0050	0.00099	mg/L		08/12/24 07:08	08/12/24 20:56	1
Silver	<0.00039		0.0010	0.00039	mg/L		08/12/24 07:08	08/12/24 20:56	1
Sodium	8.7		0.50	0.20	mg/L		08/12/24 07:08	08/12/24 20:56	1
Thallium	<0.00026		0.0010	0.00026	mg/L		08/12/24 07:08	08/12/24 20:56	1
Vanadium	0.0079		0.0020	0.00063	mg/L		08/12/24 07:08	08/12/24 20:56	1
Zinc	<0.0028		0.0050	0.0028	mg/L		08/12/24 07:08	08/12/24 20:56	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		08/14/24 14:35	08/14/24 20:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	77		5.0	2.2	mg/L			08/15/24 19:25	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	77		5.0	5.0	mg/L			08/15/24 19:25	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			08/15/24 19:25	1
Total Dissolved Solids (SM 2540C-2011)	100		10	10	mg/L			08/14/24 14:15	1

Client Sample ID: SCH-GWC-50

Lab Sample ID: 680-254471-5

Date Collected: 08/08/24 12:30

Matrix: Water

Date Received: 08/09/24 14:55

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.8		1.0	0.20	mg/L			08/20/24 20:16	1
Fluoride	<0.040		0.10	0.040	mg/L			08/20/24 20:16	1
Sulfate	<0.40		1.0	0.40	mg/L			08/20/24 20:16	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		08/12/24 07:08	08/12/24 21:13	1
Arsenic	0.0011		0.0010	0.00086	mg/L		08/12/24 07:08	08/12/24 21:13	1
Barium	0.014		0.010	0.00089	mg/L		08/12/24 07:08	08/12/24 21:13	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		08/12/24 07:08	08/12/24 21:13	1
Boron	<0.022		0.080	0.022	mg/L		08/12/24 07:08	08/12/24 21:13	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		08/12/24 07:08	08/12/24 21:13	1
Calcium	7.6		0.50	0.14	mg/L		08/12/24 07:08	08/12/24 21:13	1
Chromium	0.0037		0.0020	0.0012	mg/L		08/12/24 07:08	08/12/24 21:13	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		08/12/24 07:08	08/12/24 21:13	1
Copper	<0.0011		0.0020	0.0011	mg/L		08/12/24 07:08	08/12/24 21:13	1
Lead	<0.00021		0.0010	0.00021	mg/L		08/12/24 07:08	08/12/24 21:13	1
Magnesium	3.6		0.50	0.023	mg/L		08/12/24 07:08	08/12/24 21:13	1

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Client Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-254471-1

Client Sample ID: SCH-GWC-50

Lab Sample ID: 680-254471-5

Date Collected: 08/08/24 12:30

Matrix: Water

Date Received: 08/09/24 14:55

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	0.0030		0.0010	0.00042	mg/L		08/12/24 07:08	08/12/24 21:13	1
Potassium	0.53		0.50	0.044	mg/L		08/12/24 07:08	08/12/24 21:13	1
Selenium	<0.00099		0.0050	0.00099	mg/L		08/12/24 07:08	08/12/24 21:13	1
Silver	<0.00039		0.0010	0.00039	mg/L		08/12/24 07:08	08/12/24 21:13	1
Sodium	5.0		0.50	0.20	mg/L		08/12/24 07:08	08/12/24 21:13	1
Thallium	<0.00026		0.0010	0.00026	mg/L		08/12/24 07:08	08/12/24 21:13	1
Vanadium	0.0021		0.0020	0.00063	mg/L		08/12/24 07:08	08/12/24 21:13	1
Zinc	<0.0028		0.0050	0.0028	mg/L		08/12/24 07:08	08/12/24 21:13	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		08/14/24 14:35	08/14/24 19:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	45		5.0	2.2	mg/L			08/15/24 19:41	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	45		5.0	5.0	mg/L			08/15/24 19:41	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			08/15/24 19:41	1
Total Dissolved Solids (SM 2540C-2011)	76		10	10	mg/L			08/14/24 14:15	1

Client Sample ID: SCH-GWC-51

Lab Sample ID: 680-254471-6

Date Collected: 08/08/24 11:38

Matrix: Water

Date Received: 08/09/24 14:55

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.0		1.0	0.20	mg/L			08/20/24 20:22	1
Fluoride	<0.040		0.10	0.040	mg/L			08/20/24 20:22	1
Sulfate	2.8		1.0	0.40	mg/L			08/20/24 20:22	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		08/12/24 07:08	08/12/24 21:29	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		08/12/24 07:08	08/12/24 21:29	1
Barium	0.012		0.010	0.00089	mg/L		08/12/24 07:08	08/12/24 21:29	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		08/12/24 07:08	08/12/24 21:29	1
Boron	<0.022		0.080	0.022	mg/L		08/12/24 07:08	08/12/24 21:29	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		08/12/24 07:08	08/12/24 21:29	1
Calcium	9.0		0.50	0.14	mg/L		08/12/24 07:08	08/12/24 21:29	1
Chromium	0.0064		0.0020	0.0012	mg/L		08/12/24 07:08	08/12/24 21:29	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		08/12/24 07:08	08/12/24 21:29	1
Copper	<0.0011		0.0020	0.0011	mg/L		08/12/24 07:08	08/12/24 21:29	1
Lead	<0.00021		0.0010	0.00021	mg/L		08/12/24 07:08	08/12/24 21:29	1
Magnesium	6.0		0.50	0.023	mg/L		08/12/24 07:08	08/12/24 21:29	1
Nickel	0.0027		0.0010	0.00042	mg/L		08/12/24 07:08	08/12/24 21:29	1
Potassium	0.47 J		0.50	0.044	mg/L		08/12/24 07:08	08/12/24 21:29	1
Selenium	<0.00099		0.0050	0.00099	mg/L		08/12/24 07:08	08/12/24 21:29	1
Silver	<0.00039		0.0010	0.00039	mg/L		08/12/24 07:08	08/12/24 21:29	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-254471-1

Client Sample ID: SCH-GWC-51

Lab Sample ID: 680-254471-6

Date Collected: 08/08/24 11:38

Matrix: Water

Date Received: 08/09/24 14:55

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	5.2		0.50	0.20	mg/L		08/12/24 07:08	08/12/24 21:29	1
Thallium	<0.00026		0.0010	0.00026	mg/L		08/12/24 07:08	08/12/24 21:29	1
Vanadium	0.0039		0.0020	0.00063	mg/L		08/12/24 07:08	08/12/24 21:29	1
Zinc	<0.0028		0.0050	0.0028	mg/L		08/12/24 07:08	08/12/24 21:29	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		08/14/24 14:35	08/14/24 20:36	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	38		5.0	2.2	mg/L			08/15/24 20:14	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	38		5.0	5.0	mg/L			08/15/24 20:14	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			08/15/24 20:14	1
Total Dissolved Solids (SM 2540C-2011)	84		10	10	mg/L			08/14/24 14:15	1

Client Sample ID: SCH-PAC-FD-7

Lab Sample ID: 680-254471-7

Date Collected: 08/08/24 00:00

Matrix: Water

Date Received: 08/09/24 14:55

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.9		1.0	0.20	mg/L			08/21/24 13:16	1
Fluoride	<0.040		0.10	0.040	mg/L			08/21/24 13:16	1
Sulfate	2.6		1.0	0.40	mg/L			08/21/24 13:16	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		08/12/24 07:08	08/12/24 21:21	1
Arsenic	0.00086	J	0.0010	0.00086	mg/L		08/12/24 07:08	08/12/24 21:21	1
Barium	0.011		0.010	0.00089	mg/L		08/12/24 07:08	08/12/24 21:21	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		08/12/24 07:08	08/12/24 21:21	1
Boron	<0.022		0.080	0.022	mg/L		08/12/24 07:08	08/12/24 21:21	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		08/12/24 07:08	08/12/24 21:21	1
Calcium	8.3		0.50	0.14	mg/L		08/12/24 07:08	08/12/24 21:21	1
Chromium	0.0059		0.0020	0.0012	mg/L		08/12/24 07:08	08/12/24 21:21	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		08/12/24 07:08	08/12/24 21:21	1
Copper	<0.0011		0.0020	0.0011	mg/L		08/12/24 07:08	08/12/24 21:21	1
Lead	<0.00021		0.0010	0.00021	mg/L		08/12/24 07:08	08/12/24 21:21	1
Magnesium	5.6		0.50	0.023	mg/L		08/12/24 07:08	08/12/24 21:21	1
Nickel	0.0024		0.0010	0.00042	mg/L		08/12/24 07:08	08/12/24 21:21	1
Potassium	0.44	J	0.50	0.044	mg/L		08/12/24 07:08	08/12/24 21:21	1
Selenium	<0.00099		0.0050	0.00099	mg/L		08/12/24 07:08	08/12/24 21:21	1
Silver	<0.00039		0.0010	0.00039	mg/L		08/12/24 07:08	08/12/24 21:21	1
Sodium	4.8		0.50	0.20	mg/L		08/12/24 07:08	08/12/24 21:21	1
Thallium	<0.00026		0.0010	0.00026	mg/L		08/12/24 07:08	08/12/24 21:21	1
Vanadium	0.0036		0.0020	0.00063	mg/L		08/12/24 07:08	08/12/24 21:21	1
Zinc	<0.0028		0.0050	0.0028	mg/L		08/12/24 07:08	08/12/24 21:21	1

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Client Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-254471-1

Client Sample ID: SCH-PAC-FD-7

Lab Sample ID: 680-254471-7

Date Collected: 08/08/24 00:00

Matrix: Water

Date Received: 08/09/24 14:55

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		08/14/24 14:35	08/14/24 20:30	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	37		5.0	2.2	mg/L			08/15/24 20:22	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	37		5.0	5.0	mg/L			08/15/24 20:22	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			08/15/24 20:22	1
Total Dissolved Solids (SM 2540C-2011)	80		10	10	mg/L			08/15/24 15:03	1

Client Sample ID: SCH-PAC-FB-7

Lab Sample ID: 680-254471-8

Date Collected: 08/08/24 10:00

Matrix: Water

Date Received: 08/09/24 14:55

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.20		1.0	0.20	mg/L			08/20/24 20:54	1
Fluoride	<0.040		0.10	0.040	mg/L			08/20/24 20:54	1
Sulfate	<0.40		1.0	0.40	mg/L			08/20/24 20:54	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		08/12/24 07:08	08/12/24 21:10	1
Arsenic	0.0011		0.0010	0.00086	mg/L		08/12/24 07:08	08/12/24 21:10	1
Barium	<0.00089		0.010	0.00089	mg/L		08/12/24 07:08	08/12/24 21:10	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		08/12/24 07:08	08/12/24 21:10	1
Boron	<0.022		0.080	0.022	mg/L		08/12/24 07:08	08/12/24 21:10	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		08/12/24 07:08	08/12/24 21:10	1
Calcium	<0.14		0.50	0.14	mg/L		08/12/24 07:08	08/12/24 21:10	1
Chromium	<0.0012		0.0020	0.0012	mg/L		08/12/24 07:08	08/12/24 21:10	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		08/12/24 07:08	08/12/24 21:10	1
Copper	<0.0011		0.0020	0.0011	mg/L		08/12/24 07:08	08/12/24 21:10	1
Lead	<0.00021		0.0010	0.00021	mg/L		08/12/24 07:08	08/12/24 21:10	1
Magnesium	<0.023		0.50	0.023	mg/L		08/12/24 07:08	08/12/24 21:10	1
Nickel	<0.00042		0.0010	0.00042	mg/L		08/12/24 07:08	08/12/24 21:10	1
Potassium	<0.044		0.50	0.044	mg/L		08/12/24 07:08	08/12/24 21:10	1
Selenium	<0.00099		0.0050	0.00099	mg/L		08/12/24 07:08	08/12/24 21:10	1
Silver	<0.00039		0.0010	0.00039	mg/L		08/12/24 07:08	08/12/24 21:10	1
Sodium	<0.20		0.50	0.20	mg/L		08/12/24 07:08	08/12/24 21:10	1
Thallium	<0.00026		0.0010	0.00026	mg/L		08/12/24 07:08	08/12/24 21:10	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		08/12/24 07:08	08/12/24 21:10	1
Zinc	<0.0028		0.0050	0.0028	mg/L		08/12/24 07:08	08/12/24 21:10	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		08/14/24 14:35	08/14/24 20:32	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-254471-1

Client Sample ID: SCH-PAC-FB-7

Lab Sample ID: 680-254471-8

Date Collected: 08/08/24 10:00

Matrix: Water

Date Received: 08/09/24 14:55

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			08/15/24 19:47	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			08/15/24 19:47	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			08/15/24 19:47	1
Total Dissolved Solids (SM 2540C-2011)	<10		10	10	mg/L			08/15/24 15:03	1

Client Sample ID: SCH-PAC-EB-7

Lab Sample ID: 680-254471-9

Date Collected: 08/08/24 10:10

Matrix: Water

Date Received: 08/09/24 14:55

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.20		1.0	0.20	mg/L			08/20/24 21:01	1
Fluoride	<0.040		0.10	0.040	mg/L			08/20/24 21:01	1
Sulfate	<0.40		1.0	0.40	mg/L			08/20/24 21:01	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		08/12/24 07:08	08/12/24 20:29	1
Arsenic	0.0010		0.0010	0.00086	mg/L		08/12/24 07:08	08/12/24 20:29	1
Barium	<0.00089		0.010	0.00089	mg/L		08/12/24 07:08	08/12/24 20:29	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		08/12/24 07:08	08/12/24 20:29	1
Boron	<0.022		0.080	0.022	mg/L		08/12/24 07:08	08/12/24 20:29	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		08/12/24 07:08	08/12/24 20:29	1
Calcium	<0.14		0.50	0.14	mg/L		08/12/24 07:08	08/12/24 20:29	1
Chromium	<0.0012		0.0020	0.0012	mg/L		08/12/24 07:08	08/12/24 20:29	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		08/12/24 07:08	08/12/24 20:29	1
Copper	<0.0011		0.0020	0.0011	mg/L		08/12/24 07:08	08/12/24 20:29	1
Lead	<0.00021		0.0010	0.00021	mg/L		08/12/24 07:08	08/12/24 20:29	1
Magnesium	<0.023		0.50	0.023	mg/L		08/12/24 07:08	08/12/24 20:29	1
Nickel	0.00050	J	0.0010	0.00042	mg/L		08/12/24 07:08	08/12/24 20:29	1
Potassium	0.11	J	0.50	0.044	mg/L		08/12/24 07:08	08/12/24 20:29	1
Selenium	<0.00099		0.0050	0.00099	mg/L		08/12/24 07:08	08/12/24 20:29	1
Silver	<0.00039		0.0010	0.00039	mg/L		08/12/24 07:08	08/12/24 20:29	1
Sodium	0.23	J	0.50	0.20	mg/L		08/12/24 07:08	08/12/24 20:29	1
Thallium	<0.00026		0.0010	0.00026	mg/L		08/12/24 07:08	08/12/24 20:29	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		08/12/24 07:08	08/12/24 20:29	1
Zinc	<0.0028		0.0050	0.0028	mg/L		08/12/24 07:08	08/12/24 20:29	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		08/14/24 14:35	08/14/24 20:34	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			08/15/24 21:15	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			08/15/24 21:15	1

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Client Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-254471-1

Client Sample ID: SCH-PAC-EB-7

Lab Sample ID: 680-254471-9

Date Collected: 08/08/24 10:10

Matrix: Water

Date Received: 08/09/24 14:55

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			08/15/24 21:15	1
Total Dissolved Solids (SM 2540C-2011)	<10		10	10	mg/L			08/15/24 15:03	1

Client Sample ID: SCH-PAC-FB-8

Lab Sample ID: 680-254471-10

Date Collected: 08/08/24 09:30

Matrix: Water

Date Received: 08/09/24 14:55

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.20		1.0	0.20	mg/L			08/20/24 21:07	1
Fluoride	<0.040		0.10	0.040	mg/L			08/20/24 21:07	1
Sulfate	<0.40		1.0	0.40	mg/L			08/20/24 21:07	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		08/12/24 07:08	08/12/24 20:48	1
Arsenic	0.0010		0.0010	0.00086	mg/L		08/12/24 07:08	08/12/24 20:48	1
Barium	<0.00089		0.010	0.00089	mg/L		08/12/24 07:08	08/12/24 20:48	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		08/12/24 07:08	08/12/24 20:48	1
Boron	<0.022		0.080	0.022	mg/L		08/12/24 07:08	08/12/24 20:48	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		08/12/24 07:08	08/12/24 20:48	1
Calcium	<0.14		0.50	0.14	mg/L		08/12/24 07:08	08/12/24 20:48	1
Chromium	<0.0012		0.0020	0.0012	mg/L		08/12/24 07:08	08/12/24 20:48	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		08/12/24 07:08	08/12/24 20:48	1
Copper	<0.0011		0.0020	0.0011	mg/L		08/12/24 07:08	08/12/24 20:48	1
Lead	<0.00021		0.0010	0.00021	mg/L		08/12/24 07:08	08/12/24 20:48	1
Magnesium	<0.023		0.50	0.023	mg/L		08/12/24 07:08	08/12/24 20:48	1
Nickel	<0.00042		0.0010	0.00042	mg/L		08/12/24 07:08	08/12/24 20:48	1
Potassium	<0.044		0.50	0.044	mg/L		08/12/24 07:08	08/12/24 20:48	1
Selenium	<0.00099		0.0050	0.00099	mg/L		08/12/24 07:08	08/12/24 20:48	1
Silver	<0.00039		0.0010	0.00039	mg/L		08/12/24 07:08	08/12/24 20:48	1
Sodium	<0.20		0.50	0.20	mg/L		08/12/24 07:08	08/12/24 20:48	1
Thallium	<0.00026		0.0010	0.00026	mg/L		08/12/24 07:08	08/12/24 20:48	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		08/12/24 07:08	08/12/24 20:48	1
Zinc	<0.0028		0.0050	0.0028	mg/L		08/12/24 07:08	08/12/24 20:48	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		08/14/24 14:35	08/14/24 19:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			08/15/24 19:52	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			08/15/24 19:52	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			08/15/24 19:52	1
Total Dissolved Solids (SM 2540C-2011)	<10		10	10	mg/L			08/15/24 15:03	1

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Client Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-254471-1

Client Sample ID: SCH-PAC-EB-8

Lab Sample ID: 680-254471-11

Date Collected: 08/08/24 09:43

Matrix: Water

Date Received: 08/09/24 14:55

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.20		1.0	0.20	mg/L			08/20/24 21:14	1
Fluoride	<0.040		0.10	0.040	mg/L			08/20/24 21:14	1
Sulfate	<0.40		1.0	0.40	mg/L			08/20/24 21:14	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		08/12/24 07:08	08/12/24 20:59	1
Arsenic	0.0011		0.0010	0.00086	mg/L		08/12/24 07:08	08/12/24 20:59	1
Barium	<0.00089		0.010	0.00089	mg/L		08/12/24 07:08	08/12/24 20:59	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		08/12/24 07:08	08/12/24 20:59	1
Boron	<0.022		0.080	0.022	mg/L		08/12/24 07:08	08/12/24 20:59	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		08/12/24 07:08	08/12/24 20:59	1
Calcium	<0.14		0.50	0.14	mg/L		08/12/24 07:08	08/12/24 20:59	1
Chromium	<0.0012		0.0020	0.0012	mg/L		08/12/24 07:08	08/12/24 20:59	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		08/12/24 07:08	08/12/24 20:59	1
Copper	<0.0011		0.0020	0.0011	mg/L		08/12/24 07:08	08/12/24 20:59	1
Lead	<0.00021		0.0010	0.00021	mg/L		08/12/24 07:08	08/12/24 20:59	1
Magnesium	<0.023		0.50	0.023	mg/L		08/12/24 07:08	08/12/24 20:59	1
Nickel	<0.00042		0.0010	0.00042	mg/L		08/12/24 07:08	08/12/24 20:59	1
Potassium	<0.044		0.50	0.044	mg/L		08/12/24 07:08	08/12/24 20:59	1
Selenium	<0.00099		0.0050	0.00099	mg/L		08/12/24 07:08	08/12/24 20:59	1
Silver	<0.00039		0.0010	0.00039	mg/L		08/12/24 07:08	08/12/24 20:59	1
Sodium	<0.20		0.50	0.20	mg/L		08/12/24 07:08	08/12/24 20:59	1
Thallium	<0.00026		0.0010	0.00026	mg/L		08/12/24 07:08	08/12/24 20:59	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		08/12/24 07:08	08/12/24 20:59	1
Zinc	0.0029	J	0.0050	0.0028	mg/L		08/12/24 07:08	08/12/24 20:59	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		08/14/24 14:35	08/14/24 19:58	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			08/15/24 19:57	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			08/15/24 19:57	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			08/15/24 19:57	1
Total Dissolved Solids (SM 2540C-2011)	<10		10	10	mg/L			08/15/24 15:03	1

Client Sample ID: SCH-GWA-48

Lab Sample ID: 680-254471-12

Date Collected: 08/08/24 13:16

Matrix: Water

Date Received: 08/09/24 14:55

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.8		1.0	0.20	mg/L			08/20/24 21:33	1
Fluoride	<0.040		0.10	0.040	mg/L			08/20/24 21:33	1
Sulfate	0.66	J	1.0	0.40	mg/L			08/20/24 21:33	1

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Client Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-254471-1

Client Sample ID: SCH-GWA-48

Lab Sample ID: 680-254471-12

Date Collected: 08/08/24 13:16

Matrix: Water

Date Received: 08/09/24 14:55

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		08/12/24 07:08	08/12/24 20:37	1
Arsenic	0.00089	J	0.0010	0.00086	mg/L		08/12/24 07:08	08/12/24 20:37	1
Barium	0.015		0.010	0.00089	mg/L		08/12/24 07:08	08/12/24 20:37	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		08/12/24 07:08	08/12/24 20:37	1
Boron	<0.022		0.080	0.022	mg/L		08/12/24 07:08	08/12/24 20:37	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		08/12/24 07:08	08/12/24 20:37	1
Calcium	13		0.50	0.14	mg/L		08/12/24 07:08	08/12/24 20:37	1
Chromium	0.0061		0.0020	0.0012	mg/L		08/12/24 07:08	08/12/24 20:37	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		08/12/24 07:08	08/12/24 20:37	1
Copper	<0.0011		0.0020	0.0011	mg/L		08/12/24 07:08	08/12/24 20:37	1
Lead	<0.00021		0.0010	0.00021	mg/L		08/12/24 07:08	08/12/24 20:37	1
Magnesium	6.0		0.50	0.023	mg/L		08/12/24 07:08	08/12/24 20:37	1
Nickel	<0.00042		0.0010	0.00042	mg/L		08/12/24 07:08	08/12/24 20:37	1
Potassium	1.1		0.50	0.044	mg/L		08/12/24 07:08	08/12/24 20:37	1
Selenium	<0.00099		0.0050	0.00099	mg/L		08/12/24 07:08	08/12/24 20:37	1
Silver	<0.00039		0.0010	0.00039	mg/L		08/12/24 07:08	08/12/24 20:37	1
Sodium	6.2		0.50	0.20	mg/L		08/12/24 07:08	08/12/24 20:37	1
Thallium	<0.00026		0.0010	0.00026	mg/L		08/12/24 07:08	08/12/24 20:37	1
Vanadium	0.018		0.0020	0.00063	mg/L		08/12/24 07:08	08/12/24 20:37	1
Zinc	<0.0028		0.0050	0.0028	mg/L		08/12/24 07:08	08/12/24 20:37	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		08/14/24 14:35	08/14/24 20:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	63		5.0	2.2	mg/L			08/15/24 20:06	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	63		5.0	5.0	mg/L			08/15/24 20:06	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			08/15/24 20:06	1
Total Dissolved Solids (SM 2540C-2011)	94		10	10	mg/L			08/15/24 15:03	1

Client Sample ID: SCH-GWC-29

Lab Sample ID: 680-254471-13

Date Collected: 08/08/24 14:11

Matrix: Water

Date Received: 08/09/24 14:55

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.2		1.0	0.20	mg/L			08/20/24 21:39	1
Fluoride	<0.040		0.10	0.040	mg/L			08/20/24 21:39	1
Sulfate	1.7		1.0	0.40	mg/L			08/20/24 21:39	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		08/12/24 07:08	08/12/24 21:07	1
Arsenic	0.0011		0.0010	0.00086	mg/L		08/12/24 07:08	08/12/24 21:07	1
Barium	0.020		0.010	0.00089	mg/L		08/12/24 07:08	08/12/24 21:07	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		08/12/24 07:08	08/12/24 21:07	1

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Client Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-254471-1

Client Sample ID: SCH-GWC-29

Lab Sample ID: 680-254471-13

Date Collected: 08/08/24 14:11

Matrix: Water

Date Received: 08/09/24 14:55

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.022		0.080	0.022	mg/L		08/12/24 07:08	08/12/24 21:07	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		08/12/24 07:08	08/12/24 21:07	1
Calcium	19		0.50	0.14	mg/L		08/12/24 07:08	08/12/24 21:07	1
Chromium	0.0012	J	0.0020	0.0012	mg/L		08/12/24 07:08	08/12/24 21:07	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		08/12/24 07:08	08/12/24 21:07	1
Copper	<0.0011		0.0020	0.0011	mg/L		08/12/24 07:08	08/12/24 21:07	1
Lead	<0.00021		0.0010	0.00021	mg/L		08/12/24 07:08	08/12/24 21:07	1
Magnesium	11		0.50	0.023	mg/L		08/12/24 07:08	08/12/24 21:07	1
Nickel	0.0025		0.0010	0.00042	mg/L		08/12/24 07:08	08/12/24 21:07	1
Potassium	0.80		0.50	0.044	mg/L		08/12/24 07:08	08/12/24 21:07	1
Selenium	<0.00099		0.0050	0.00099	mg/L		08/12/24 07:08	08/12/24 21:07	1
Silver	<0.00039		0.0010	0.00039	mg/L		08/12/24 07:08	08/12/24 21:07	1
Sodium	6.3		0.50	0.20	mg/L		08/12/24 07:08	08/12/24 21:07	1
Thallium	<0.00026		0.0010	0.00026	mg/L		08/12/24 07:08	08/12/24 21:07	1
Vanadium	0.0047		0.0020	0.00063	mg/L		08/12/24 07:08	08/12/24 21:07	1
Zinc	<0.0028		0.0050	0.0028	mg/L		08/12/24 07:08	08/12/24 21:07	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		08/14/24 14:35	08/14/24 20:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	93		5.0	2.2	mg/L			08/15/24 21:09	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	93		5.0	5.0	mg/L			08/15/24 21:09	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			08/15/24 21:09	1
Total Dissolved Solids (SM 2540C-2011)	110		10	10	mg/L			08/15/24 15:03	1

Client Sample ID: SCH-GWC-52

Lab Sample ID: 680-254471-14

Date Collected: 08/08/24 15:45

Matrix: Water

Date Received: 08/09/24 14:55

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.3	J	5.0	1.0	mg/L			08/20/24 21:46	5
Fluoride	<0.20		0.50	0.20	mg/L			08/20/24 21:46	5
Sulfate	41		5.0	2.0	mg/L			08/20/24 21:46	5

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		08/12/24 07:08	08/12/24 21:04	1
Arsenic	0.0010		0.0010	0.00086	mg/L		08/12/24 07:08	08/12/24 21:04	1
Barium	0.029		0.010	0.00089	mg/L		08/12/24 07:08	08/12/24 21:04	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		08/12/24 07:08	08/12/24 21:04	1
Boron	0.023	J	0.080	0.022	mg/L		08/12/24 07:08	08/12/24 21:04	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		08/12/24 07:08	08/12/24 21:04	1
Calcium	30		0.50	0.14	mg/L		08/12/24 07:08	08/12/24 21:04	1
Chromium	0.033		0.0020	0.0012	mg/L		08/12/24 07:08	08/12/24 21:04	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-254471-1

Client Sample ID: SCH-GWC-52

Lab Sample ID: 680-254471-14

Date Collected: 08/08/24 15:45

Matrix: Water

Date Received: 08/09/24 14:55

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	<0.00022		0.0025	0.00022	mg/L		08/12/24 07:08	08/12/24 21:04	1
Copper	<0.0011		0.0020	0.0011	mg/L		08/12/24 07:08	08/12/24 21:04	1
Lead	<0.00021		0.0010	0.00021	mg/L		08/12/24 07:08	08/12/24 21:04	1
Magnesium	16		0.50	0.023	mg/L		08/12/24 07:08	08/12/24 21:04	1
Nickel	<0.00042		0.0010	0.00042	mg/L		08/12/24 07:08	08/12/24 21:04	1
Potassium	1.7		0.50	0.044	mg/L		08/12/24 07:08	08/12/24 21:04	1
Selenium	<0.00099		0.0050	0.00099	mg/L		08/12/24 07:08	08/12/24 21:04	1
Silver	<0.00039		0.0010	0.00039	mg/L		08/12/24 07:08	08/12/24 21:04	1
Sodium	10		0.50	0.20	mg/L		08/12/24 07:08	08/12/24 21:04	1
Thallium	<0.00026		0.0010	0.00026	mg/L		08/12/24 07:08	08/12/24 21:04	1
Vanadium	0.0090		0.0020	0.00063	mg/L		08/12/24 07:08	08/12/24 21:04	1
Zinc	<0.0028		0.0050	0.0028	mg/L		08/12/24 07:08	08/12/24 21:04	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		08/14/24 14:35	08/14/24 20:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	50		5.0	2.2	mg/L			08/15/24 20:52	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	50		5.0	5.0	mg/L			08/15/24 20:52	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			08/15/24 20:52	1
Total Dissolved Solids (SM 2540C-2011)	210		10	10	mg/L			08/15/24 15:03	1

Client Sample ID: SCH-GWC-53

Lab Sample ID: 680-254471-15

Date Collected: 08/08/24 17:05

Matrix: Water

Date Received: 08/09/24 14:55

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	29		10	2.0	mg/L			08/20/24 21:52	10
Fluoride	<0.40		1.0	0.40	mg/L			08/20/24 21:52	10
Sulfate	340		10	4.0	mg/L			08/20/24 21:52	10

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		08/12/24 07:08	08/12/24 20:40	1
Arsenic	0.0011		0.0010	0.00086	mg/L		08/12/24 07:08	08/12/24 20:40	1
Barium	0.036		0.010	0.00089	mg/L		08/12/24 07:08	08/12/24 20:40	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		08/12/24 07:08	08/12/24 20:40	1
Boron	1.2		0.080	0.022	mg/L		08/12/24 07:08	08/12/24 20:40	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		08/12/24 07:08	08/12/24 20:40	1
Calcium	22		0.50	0.14	mg/L		08/12/24 07:08	08/12/24 20:40	1
Chromium	<0.0012		0.0020	0.0012	mg/L		08/12/24 07:08	08/12/24 20:40	1
Cobalt	0.010		0.0025	0.00022	mg/L		08/12/24 07:08	08/12/24 20:40	1
Copper	<0.0011		0.0020	0.0011	mg/L		08/12/24 07:08	08/12/24 20:40	1
Lead	<0.00021		0.0010	0.00021	mg/L		08/12/24 07:08	08/12/24 20:40	1
Magnesium	13		0.50	0.023	mg/L		08/12/24 07:08	08/12/24 20:40	1

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Client Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-254471-1

Client Sample ID: SCH-GWC-53

Lab Sample ID: 680-254471-15

Date Collected: 08/08/24 17:05

Matrix: Water

Date Received: 08/09/24 14:55

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	0.0077		0.0010	0.00042	mg/L		08/12/24 07:08	08/12/24 20:40	1
Potassium	1.7		0.50	0.044	mg/L		08/12/24 07:08	08/12/24 20:40	1
Selenium	<0.00099		0.0050	0.00099	mg/L		08/12/24 07:08	08/12/24 20:40	1
Silver	<0.00039		0.0010	0.00039	mg/L		08/12/24 07:08	08/12/24 20:40	1
Sodium	57		0.50	0.20	mg/L		08/12/24 07:08	08/12/24 20:40	1
Thallium	<0.00026		0.0010	0.00026	mg/L		08/12/24 07:08	08/12/24 20:40	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		08/12/24 07:08	08/12/24 20:40	1
Zinc	0.015		0.0050	0.0028	mg/L		08/12/24 07:08	08/12/24 20:40	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		08/14/24 14:35	08/14/24 20:17	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	9.1		5.0	2.2	mg/L			08/16/24 13:07	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	9.1		5.0	5.0	mg/L			08/16/24 13:07	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			08/16/24 13:07	1
Total Dissolved Solids (SM 2540C-2011)	290		40	40	mg/L			08/15/24 15:03	1

Client Sample ID: SCH-PAC-FD-8

Lab Sample ID: 680-254471-16

Date Collected: 08/08/24 00:00

Matrix: Water

Date Received: 08/09/24 14:55

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11		5.0	1.0	mg/L			08/20/24 21:59	5
Fluoride	<0.20		0.50	0.20	mg/L			08/20/24 21:59	5
Sulfate	83		5.0	2.0	mg/L			08/20/24 21:59	5

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		08/12/24 07:08	08/12/24 20:42	1
Arsenic	0.0010		0.0010	0.00086	mg/L		08/12/24 07:08	08/12/24 20:42	1
Barium	0.037		0.010	0.00089	mg/L		08/12/24 07:08	08/12/24 20:42	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		08/12/24 07:08	08/12/24 20:42	1
Boron	1.2		0.080	0.022	mg/L		08/12/24 07:08	08/12/24 20:42	1
Cadmium	0.000080	J	0.0025	0.000078	mg/L		08/12/24 07:08	08/12/24 20:42	1
Calcium	22		0.50	0.14	mg/L		08/12/24 07:08	08/12/24 20:42	1
Chromium	<0.0012		0.0020	0.0012	mg/L		08/12/24 07:08	08/12/24 20:42	1
Cobalt	0.011		0.0025	0.00022	mg/L		08/12/24 07:08	08/12/24 20:42	1
Copper	<0.0011		0.0020	0.0011	mg/L		08/12/24 07:08	08/12/24 20:42	1
Lead	<0.00021		0.0010	0.00021	mg/L		08/12/24 07:08	08/12/24 20:42	1
Magnesium	13		0.50	0.023	mg/L		08/12/24 07:08	08/12/24 20:42	1
Nickel	0.0081		0.0010	0.00042	mg/L		08/12/24 07:08	08/12/24 20:42	1
Potassium	1.8		0.50	0.044	mg/L		08/12/24 07:08	08/12/24 20:42	1
Selenium	<0.00099		0.0050	0.00099	mg/L		08/12/24 07:08	08/12/24 20:42	1
Silver	<0.00039		0.0010	0.00039	mg/L		08/12/24 07:08	08/12/24 20:42	1

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Client Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-254471-1

Client Sample ID: SCH-PAC-FD-8

Lab Sample ID: 680-254471-16

Date Collected: 08/08/24 00:00

Matrix: Water

Date Received: 08/09/24 14:55

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	59		0.50	0.20	mg/L		08/12/24 07:08	08/12/24 20:42	1
Thallium	<0.00026		0.0010	0.00026	mg/L		08/12/24 07:08	08/12/24 20:42	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		08/12/24 07:08	08/12/24 20:42	1
Zinc	0.016		0.0050	0.0028	mg/L		08/12/24 07:08	08/12/24 20:42	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		08/14/24 14:35	08/14/24 20:24	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	8.4		5.0	2.2	mg/L			08/16/24 13:13	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	8.4		5.0	5.0	mg/L			08/16/24 13:13	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			08/16/24 13:13	1
Total Dissolved Solids (SM 2540C-2011)	280		40	40	mg/L			08/15/24 15:03	1

Client Sample ID: SCH-GWA-49

Lab Sample ID: 680-254471-17

Date Collected: 08/09/24 09:26

Matrix: Water

Date Received: 08/09/24 14:55

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.0		1.0	0.20	mg/L			08/21/24 13:23	1
Fluoride	<0.040		0.10	0.040	mg/L			08/21/24 13:23	1
Sulfate	<0.40		1.0	0.40	mg/L			08/21/24 13:23	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		08/12/24 07:08	08/12/24 20:45	1
Arsenic	0.0011		0.0010	0.00086	mg/L		08/12/24 07:08	08/12/24 20:45	1
Barium	0.021		0.010	0.00089	mg/L		08/12/24 07:08	08/12/24 20:45	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		08/12/24 07:08	08/12/24 20:45	1
Boron	0.022 J		0.080	0.022	mg/L		08/12/24 07:08	08/12/24 20:45	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		08/12/24 07:08	08/12/24 20:45	1
Calcium	16		0.50	0.14	mg/L		08/12/24 07:08	08/12/24 20:45	1
Chromium	0.0059		0.0020	0.0012	mg/L		08/12/24 07:08	08/12/24 20:45	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		08/12/24 07:08	08/12/24 20:45	1
Copper	<0.0011		0.0020	0.0011	mg/L		08/12/24 07:08	08/12/24 20:45	1
Lead	<0.00021		0.0010	0.00021	mg/L		08/12/24 07:08	08/12/24 20:45	1
Magnesium	7.8		0.50	0.023	mg/L		08/12/24 07:08	08/12/24 20:45	1
Nickel	<0.00042		0.0010	0.00042	mg/L		08/12/24 07:08	08/12/24 20:45	1
Potassium	0.88		0.50	0.044	mg/L		08/12/24 07:08	08/12/24 20:45	1
Selenium	<0.00099		0.0050	0.00099	mg/L		08/12/24 07:08	08/12/24 20:45	1
Silver	<0.00039		0.0010	0.00039	mg/L		08/12/24 07:08	08/12/24 20:45	1
Sodium	6.4		0.50	0.20	mg/L		08/12/24 07:08	08/12/24 20:45	1
Thallium	<0.00026		0.0010	0.00026	mg/L		08/12/24 07:08	08/12/24 20:45	1
Vanadium	0.019		0.0020	0.00063	mg/L		08/12/24 07:08	08/12/24 20:45	1
Zinc	<0.0028		0.0050	0.0028	mg/L		08/12/24 07:08	08/12/24 20:45	1

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Client Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-254471-1

Client Sample ID: SCH-GWA-49

Lab Sample ID: 680-254471-17

Date Collected: 08/09/24 09:26

Matrix: Water

Date Received: 08/09/24 14:55

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		08/14/24 14:35	08/14/24 20:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	77		5.0	2.2	mg/L			08/16/24 13:23	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	77		5.0	5.0	mg/L			08/16/24 13:23	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			08/16/24 13:23	1
Total Dissolved Solids (SM 2540C-2011)	110		10	10	mg/L			08/15/24 15:03	1

QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-254471-1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography

Lab Sample ID: MB 680-852234/33
Matrix: Water
Analysis Batch: 852234

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.20		1.0	0.20	mg/L			08/20/24 18:52	1
Fluoride	<0.040		0.10	0.040	mg/L			08/20/24 18:52	1
Sulfate	<0.40		1.0	0.40	mg/L			08/20/24 18:52	1

Lab Sample ID: LCS 680-852234/34
Matrix: Water
Analysis Batch: 852234

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.61		mg/L		96	90 - 110
Fluoride	2.00	2.05		mg/L		103	90 - 110
Sulfate	10.0	9.16		mg/L		92	90 - 110

Lab Sample ID: LCSD 680-852234/35
Matrix: Water
Analysis Batch: 852234

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	9.66		mg/L		97	90 - 110	0	15
Fluoride	2.00	2.06		mg/L		103	90 - 110	0	15
Sulfate	10.0	9.19		mg/L		92	90 - 110	0	15

Lab Sample ID: 680-254471-1 MS
Matrix: Water
Analysis Batch: 852234

Client Sample ID: SCH-GWA-22
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1.9		10.0	11.9		mg/L		99	80 - 120
Fluoride	<0.040		2.00	2.07		mg/L		103	80 - 120
Sulfate	<0.40		10.0	9.82		mg/L		98	80 - 120

Lab Sample ID: 680-254471-1 MSD
Matrix: Water
Analysis Batch: 852234

Client Sample ID: SCH-GWA-22
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1.9		10.0	11.9		mg/L		100	80 - 120	0	15
Fluoride	<0.040		2.00	2.08		mg/L		104	80 - 120	0	15
Sulfate	<0.40		10.0	9.85		mg/L		98	80 - 120	0	15

Lab Sample ID: 680-254471-11 MS
Matrix: Water
Analysis Batch: 852234

Client Sample ID: SCH-PAC-EB-8
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	<0.20		10.0	9.73		mg/L		97	80 - 120
Fluoride	<0.040		2.00	2.06		mg/L		103	80 - 120
Sulfate	<0.40		10.0	9.45		mg/L		95	80 - 120

QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-254471-1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 680-852458/2
 Matrix: Water
 Analysis Batch: 852458

Client Sample ID: Method Blank
 Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.20		1.0	0.20	mg/L			08/21/24 11:52	1
Fluoride	<0.040		0.10	0.040	mg/L			08/21/24 11:52	1
Sulfate	<0.40		1.0	0.40	mg/L			08/21/24 11:52	1

Lab Sample ID: LCS 680-852458/6
 Matrix: Water
 Analysis Batch: 852458

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.0		mg/L		100	90 - 110
Fluoride	2.00	1.98		mg/L		99	90 - 110
Sulfate	10.0	9.78		mg/L		98	90 - 110

Lab Sample ID: LCSD 680-852458/7
 Matrix: Water
 Analysis Batch: 852458

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	10.1		mg/L		101	90 - 110	0	15
Fluoride	2.00	2.00		mg/L		100	90 - 110	1	15
Sulfate	10.0	9.80		mg/L		98	90 - 110	0	15

Lab Sample ID: 680-254471-17 MS
 Matrix: Water
 Analysis Batch: 852458

Client Sample ID: SCH-GWA-49
 Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	2.0		10.0	11.4		mg/L		94	80 - 120
Fluoride	<0.040		2.00	1.85		mg/L		92	80 - 120
Sulfate	<0.40		10.0	9.44		mg/L		94	80 - 120

Lab Sample ID: 680-254471-17 MSD
 Matrix: Water
 Analysis Batch: 852458

Client Sample ID: SCH-GWA-49
 Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	2.0		10.0	11.4		mg/L		94	80 - 120	0	15
Fluoride	<0.040		2.00	1.84		mg/L		92	80 - 120	0	15
Sulfate	<0.40		10.0	9.41		mg/L		94	80 - 120	0	15

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 680-850854/1-A
 Matrix: Water
 Analysis Batch: 851031

Client Sample ID: Method Blank
 Prep Type: Total Recoverable
 Prep Batch: 850854

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		08/12/24 07:08	08/12/24 20:23	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		08/12/24 07:08	08/12/24 20:23	1
Barium	<0.00089		0.010	0.00089	mg/L		08/12/24 07:08	08/12/24 20:23	1

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QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-254471-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 680-850854/1-A
Matrix: Water
Analysis Batch: 851031

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 850854

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Beryllium	<0.00020		0.0025	0.00020	mg/L		08/12/24 07:08	08/12/24 20:23	1
Boron	<0.022		0.080	0.022	mg/L		08/12/24 07:08	08/12/24 20:23	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		08/12/24 07:08	08/12/24 20:23	1
Calcium	<0.14		0.50	0.14	mg/L		08/12/24 07:08	08/12/24 20:23	1
Chromium	<0.0012		0.0020	0.0012	mg/L		08/12/24 07:08	08/12/24 20:23	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		08/12/24 07:08	08/12/24 20:23	1
Copper	<0.0011		0.0020	0.0011	mg/L		08/12/24 07:08	08/12/24 20:23	1
Lead	<0.00021		0.0010	0.00021	mg/L		08/12/24 07:08	08/12/24 20:23	1
Magnesium	<0.023		0.50	0.023	mg/L		08/12/24 07:08	08/12/24 20:23	1
Nickel	<0.00042		0.0010	0.00042	mg/L		08/12/24 07:08	08/12/24 20:23	1
Potassium	<0.044		0.50	0.044	mg/L		08/12/24 07:08	08/12/24 20:23	1
Selenium	<0.00099		0.0050	0.00099	mg/L		08/12/24 07:08	08/12/24 20:23	1
Silver	<0.00039		0.0010	0.00039	mg/L		08/12/24 07:08	08/12/24 20:23	1
Sodium	<0.20		0.50	0.20	mg/L		08/12/24 07:08	08/12/24 20:23	1
Thallium	<0.00026		0.0010	0.00026	mg/L		08/12/24 07:08	08/12/24 20:23	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		08/12/24 07:08	08/12/24 20:23	1
Zinc	<0.0028		0.0050	0.0028	mg/L		08/12/24 07:08	08/12/24 20:23	1

Lab Sample ID: LCS 680-850854/2-A
Matrix: Water
Analysis Batch: 851031

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 850854

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Antimony	0.0500	0.0511		mg/L		102	80 - 120
Arsenic	0.100	0.106		mg/L		106	80 - 120
Barium	0.100	0.104		mg/L		104	80 - 120
Beryllium	0.0500	0.0555		mg/L		111	80 - 120
Boron	0.400	0.443		mg/L		111	80 - 120
Cadmium	0.0500	0.0510		mg/L		102	80 - 120
Calcium	5.00	5.24		mg/L		105	80 - 120
Chromium	0.100	0.104		mg/L		104	80 - 120
Cobalt	0.0500	0.0526		mg/L		105	80 - 120
Copper	0.101	0.105		mg/L		104	80 - 120
Lead	0.500	0.503		mg/L		101	80 - 120
Magnesium	5.00	5.25		mg/L		105	80 - 120
Nickel	0.100	0.103		mg/L		103	80 - 120
Potassium	7.00	7.72		mg/L		110	80 - 120
Selenium	0.100	0.108		mg/L		108	80 - 120
Silver	0.0500	0.0502		mg/L		100	80 - 120
Sodium	5.00	5.20		mg/L		104	80 - 120
Thallium	0.0500	0.0505		mg/L		101	80 - 120
Vanadium	0.100	0.101		mg/L		101	80 - 120
Zinc	0.100	0.104		mg/L		104	80 - 120

QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-254471-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-254471-9 MS

Matrix: Water

Analysis Batch: 851031

Client Sample ID: SCH-PAC-EB-7

Prep Type: Total Recoverable

Prep Batch: 850854

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec
	Result	Qualifier	Added	Result	Qualifier			Limits	Limits
Antimony	<0.00034		0.0500	0.0514		mg/L		103	75 - 125
Arsenic	0.0010		0.100	0.107		mg/L		106	75 - 125
Barium	<0.00089		0.100	0.105		mg/L		105	75 - 125
Beryllium	<0.00020		0.0500	0.0554		mg/L		111	75 - 125
Boron	<0.022		0.400	0.448		mg/L		112	75 - 125
Cadmium	<0.000078		0.0500	0.0522		mg/L		104	75 - 125
Calcium	<0.14		5.00	5.31		mg/L		106	75 - 125
Chromium	<0.0012		0.100	0.104		mg/L		104	75 - 125
Cobalt	<0.00022		0.0500	0.0533		mg/L		107	75 - 125
Copper	<0.0011		0.101	0.105		mg/L		104	75 - 125
Lead	<0.00021		0.500	0.505		mg/L		101	75 - 125
Magnesium	<0.023		5.00	5.24		mg/L		105	75 - 125
Nickel	0.00050	J	0.100	0.103		mg/L		102	75 - 125
Potassium	0.11	J	7.00	7.80		mg/L		110	75 - 125
Selenium	<0.00099		0.100	0.107		mg/L		107	75 - 125
Silver	<0.00039		0.0500	0.0510		mg/L		102	75 - 125
Sodium	0.23	J	5.00	5.25		mg/L		100	75 - 125
Thallium	<0.00026		0.0500	0.0512		mg/L		102	75 - 125
Vanadium	<0.00063		0.100	0.101		mg/L		101	75 - 125
Zinc	<0.0028		0.100	0.105		mg/L		105	75 - 125

Lab Sample ID: 680-254471-9 MSD

Matrix: Water

Analysis Batch: 851031

Client Sample ID: SCH-PAC-EB-7

Prep Type: Total Recoverable

Prep Batch: 850854

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier			Limits	Limits	RPD	Limit
Antimony	<0.00034		0.0500	0.0518		mg/L		104	75 - 125	1	20
Arsenic	0.0010		0.100	0.108		mg/L		107	75 - 125	1	20
Barium	<0.00089		0.100	0.105		mg/L		105	75 - 125	0	20
Beryllium	<0.00020		0.0500	0.0569		mg/L		114	75 - 125	3	20
Boron	<0.022		0.400	0.449		mg/L		112	75 - 125	0	20
Cadmium	<0.000078		0.0500	0.0525		mg/L		105	75 - 125	1	20
Calcium	<0.14		5.00	5.31		mg/L		106	75 - 125	0	20
Chromium	<0.0012		0.100	0.105		mg/L		105	75 - 125	1	20
Cobalt	<0.00022		0.0500	0.0536		mg/L		107	75 - 125	1	20
Copper	<0.0011		0.101	0.106		mg/L		105	75 - 125	1	20
Lead	<0.00021		0.500	0.509		mg/L		102	75 - 125	1	20
Magnesium	<0.023		5.00	5.33		mg/L		107	75 - 125	2	20
Nickel	0.00050	J	0.100	0.103		mg/L		103	75 - 125	0	20
Potassium	0.11	J	7.00	7.86		mg/L		111	75 - 125	1	20
Selenium	<0.00099		0.100	0.107		mg/L		107	75 - 125	0	20
Silver	<0.00039		0.0500	0.0509		mg/L		102	75 - 125	0	20
Sodium	0.23	J	5.00	5.30		mg/L		101	75 - 125	1	20
Thallium	<0.00026		0.0500	0.0516		mg/L		103	75 - 125	1	20
Vanadium	<0.00063		0.100	0.101		mg/L		101	75 - 125	0	20
Zinc	<0.0028		0.100	0.107		mg/L		107	75 - 125	1	20

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-254471-1

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 680-851400/1-A
Matrix: Water
Analysis Batch: 851590

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 851400

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		08/14/24 14:35	08/14/24 19:41	1

Lab Sample ID: LCS 680-851400/2-A
Matrix: Water
Analysis Batch: 851590

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 851400

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00250	0.00248		mg/L		99	80 - 120

Lab Sample ID: 680-254471-5 MS
Matrix: Water
Analysis Batch: 851590

Client Sample ID: SCH-GWC-50
Prep Type: Total/NA
Prep Batch: 851400

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.000080		0.00100	0.000960		mg/L		96	80 - 120

Lab Sample ID: 680-254471-5 MSD
Matrix: Water
Analysis Batch: 851590

Client Sample ID: SCH-GWC-50
Prep Type: Total/NA
Prep Batch: 851400

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.000080		0.00100	0.000945		mg/L		95	80 - 120	2	20

Method: 2320B-2011 - Alkalinity, Total

Lab Sample ID: MB 680-851806/4
Matrix: Water
Analysis Batch: 851806

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<2.2		5.0	2.2	mg/L			08/15/24 13:26	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			08/15/24 13:26	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			08/15/24 13:26	1

Lab Sample ID: LCS 680-851806/6
Matrix: Water
Analysis Batch: 851806

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3 to pH 4.5	250	241		mg/L		97	90 - 112

Lab Sample ID: LCSD 680-851806/31
Matrix: Water
Analysis Batch: 851806

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	250	246		mg/L		98	90 - 112	2	30

QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-254471-1

Method: 2320B-2011 - Alkalinity, Total (Continued)

Lab Sample ID: 680-254374-E-1 DU
Matrix: Water
Analysis Batch: 851806

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Total Alkalinity as CaCO3 to pH 4.5	110		105		mg/L		0.06	30
Bicarbonate Alkalinity as CaCO3	110		105		mg/L		0.06	30
Carbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	30

Lab Sample ID: MB 680-851815/4
Matrix: Water
Analysis Batch: 851815

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
	Result	Qualifier								
Total Alkalinity as CaCO3 to pH 4.5	<2.2		5.0	2.2	mg/L			08/15/24 18:43		1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			08/15/24 18:43		1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			08/15/24 18:43		1

Lab Sample ID: LCS 680-851815/6
Matrix: Water
Analysis Batch: 851815

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Total Alkalinity as CaCO3 to pH 4.5	250	243		mg/L		97	90 - 112

Lab Sample ID: LCSD 680-851815/31
Matrix: Water
Analysis Batch: 851815

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec Limits	RPD	Limit
		Result	Qualifier						
Total Alkalinity as CaCO3 to pH 4.5	250	251		mg/L		100	90 - 112	3	30

Lab Sample ID: 680-254471-1 DU
Matrix: Water
Analysis Batch: 851815

Client Sample ID: SCH-GWA-22
Prep Type: Total/NA

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Total Alkalinity as CaCO3 to pH 4.5	48		47.9		mg/L		1	30
Bicarbonate Alkalinity as CaCO3	48		47.9		mg/L		1	30
Carbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	30

Lab Sample ID: 680-254471-14 DU
Matrix: Water
Analysis Batch: 851815

Client Sample ID: SCH-GWC-52
Prep Type: Total/NA

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Total Alkalinity as CaCO3 to pH 4.5	50		44.5		mg/L		12	30
Bicarbonate Alkalinity as CaCO3	50		44.5		mg/L		12	30
Carbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	30

QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-254471-1

Method: 2320B-2011 - Alkalinity, Total (Continued)

Lab Sample ID: MB 680-852086/4
Matrix: Water
Analysis Batch: 852086

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<2.2		5.0	2.2	mg/L			08/16/24 11:56	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			08/16/24 11:56	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			08/16/24 11:56	1

Lab Sample ID: LCS 680-852086/6
Matrix: Water
Analysis Batch: 852086

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3 to pH 4.5	250	244		mg/L		98	90 - 112

Lab Sample ID: LCSD 680-852086/31
Matrix: Water
Analysis Batch: 852086

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	250	251		mg/L		100	90 - 112	3	30

Lab Sample ID: 680-254399-H-1 DU
Matrix: Water
Analysis Batch: 852086

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	12		10.7		mg/L		10	30
Bicarbonate Alkalinity as CaCO3	12		10.7		mg/L		10	30
Carbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	30

Method: 2540C-2011 - Total Dissolved Solids (Dried at 180 °C)

Lab Sample ID: MB 680-851395/1
Matrix: Water
Analysis Batch: 851395

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			08/14/24 14:15	1

Lab Sample ID: LCS 680-851395/2
Matrix: Water
Analysis Batch: 851395

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	2440	2400		mg/L		99	80 - 120

QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-254471-1

Method: 2540C-2011 - Total Dissolved Solids (Dried at 180 °C) (Continued)

Lab Sample ID: LCSD 680-851395/3
Matrix: Water
Analysis Batch: 851395

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids	2440	2400		mg/L		98	80 - 120	0	25

Lab Sample ID: 680-254471-2 DU
Matrix: Water
Analysis Batch: 851395

Client Sample ID: SCH-GWA-45
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	290		290		mg/L		1	5

Lab Sample ID: MB 680-851677/1
Matrix: Water
Analysis Batch: 851677

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			08/15/24 15:03	1

Lab Sample ID: LCS 680-851677/2
Matrix: Water
Analysis Batch: 851677

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	2440	2390		mg/L		98	80 - 120

Lab Sample ID: LCSD 680-851677/3
Matrix: Water
Analysis Batch: 851677

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids	2440	2360		mg/L		97	80 - 120	2	25

Lab Sample ID: 680-254471-15 DU
Matrix: Water
Analysis Batch: 851677

Client Sample ID: SCH-GWC-53
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	290		264	F3	mg/L		10	5

Lab Sample ID: 680-254471-16 DU
Matrix: Water
Analysis Batch: 851677

Client Sample ID: SCH-PAC-FD-8
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	280		278		mg/L		0	5

QC Association Summary

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-254471-1

HPLC/IC

Analysis Batch: 852234

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254471-1	SCH-GWA-22	Total/NA	Water	300.0-1993 R2.1	
680-254471-2	SCH-GWA-45	Total/NA	Water	300.0-1993 R2.1	
680-254471-3	SCH-GWA-46	Total/NA	Water	300.0-1993 R2.1	
680-254471-4	SCH-GWA-47	Total/NA	Water	300.0-1993 R2.1	
680-254471-5	SCH-GWC-50	Total/NA	Water	300.0-1993 R2.1	
680-254471-6	SCH-GWC-51	Total/NA	Water	300.0-1993 R2.1	
680-254471-8	SCH-PAC-FB-7	Total/NA	Water	300.0-1993 R2.1	
680-254471-9	SCH-PAC-EB-7	Total/NA	Water	300.0-1993 R2.1	
680-254471-10	SCH-PAC-FB-8	Total/NA	Water	300.0-1993 R2.1	
680-254471-11	SCH-PAC-EB-8	Total/NA	Water	300.0-1993 R2.1	
680-254471-12	SCH-GWA-48	Total/NA	Water	300.0-1993 R2.1	
680-254471-13	SCH-GWC-29	Total/NA	Water	300.0-1993 R2.1	
680-254471-14	SCH-GWC-52	Total/NA	Water	300.0-1993 R2.1	
680-254471-15	SCH-GWC-53	Total/NA	Water	300.0-1993 R2.1	
680-254471-16	SCH-PAC-FD-8	Total/NA	Water	300.0-1993 R2.1	
MB 680-852234/33	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-852234/34	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCS 680-852234/35	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
680-254471-1 MS	SCH-GWA-22	Total/NA	Water	300.0-1993 R2.1	
680-254471-1 MSD	SCH-GWA-22	Total/NA	Water	300.0-1993 R2.1	
680-254471-11 MS	SCH-PAC-EB-8	Total/NA	Water	300.0-1993 R2.1	

Analysis Batch: 852458

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254471-7	SCH-PAC-FD-7	Total/NA	Water	300.0-1993 R2.1	
680-254471-17	SCH-GWA-49	Total/NA	Water	300.0-1993 R2.1	
MB 680-852458/2	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-852458/6	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCS 680-852458/7	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
680-254471-17 MS	SCH-GWA-49	Total/NA	Water	300.0-1993 R2.1	
680-254471-17 MSD	SCH-GWA-49	Total/NA	Water	300.0-1993 R2.1	

Metals

Prep Batch: 850854

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254471-1	SCH-GWA-22	Total Recoverable	Water	3005A	
680-254471-2	SCH-GWA-45	Total Recoverable	Water	3005A	
680-254471-3	SCH-GWA-46	Total Recoverable	Water	3005A	
680-254471-4	SCH-GWA-47	Total Recoverable	Water	3005A	
680-254471-5	SCH-GWC-50	Total Recoverable	Water	3005A	
680-254471-6	SCH-GWC-51	Total Recoverable	Water	3005A	
680-254471-7	SCH-PAC-FD-7	Total Recoverable	Water	3005A	
680-254471-8	SCH-PAC-FB-7	Total Recoverable	Water	3005A	
680-254471-9	SCH-PAC-EB-7	Total Recoverable	Water	3005A	
680-254471-10	SCH-PAC-FB-8	Total Recoverable	Water	3005A	
680-254471-11	SCH-PAC-EB-8	Total Recoverable	Water	3005A	
680-254471-12	SCH-GWA-48	Total Recoverable	Water	3005A	
680-254471-13	SCH-GWC-29	Total Recoverable	Water	3005A	
680-254471-14	SCH-GWC-52	Total Recoverable	Water	3005A	
680-254471-15	SCH-GWC-53	Total Recoverable	Water	3005A	

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QC Association Summary

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-254471-1

Metals (Continued)

Prep Batch: 850854 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254471-16	SCH-PAC-FD-8	Total Recoverable	Water	3005A	
680-254471-17	SCH-GWA-49	Total Recoverable	Water	3005A	
MB 680-850854/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-850854/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
680-254471-9 MS	SCH-PAC-EB-7	Total Recoverable	Water	3005A	
680-254471-9 MSD	SCH-PAC-EB-7	Total Recoverable	Water	3005A	

Analysis Batch: 851031

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254471-1	SCH-GWA-22	Total Recoverable	Water	6020B	850854
680-254471-2	SCH-GWA-45	Total Recoverable	Water	6020B	850854
680-254471-3	SCH-GWA-46	Total Recoverable	Water	6020B	850854
680-254471-4	SCH-GWA-47	Total Recoverable	Water	6020B	850854
680-254471-5	SCH-GWC-50	Total Recoverable	Water	6020B	850854
680-254471-6	SCH-GWC-51	Total Recoverable	Water	6020B	850854
680-254471-7	SCH-PAC-FD-7	Total Recoverable	Water	6020B	850854
680-254471-8	SCH-PAC-FB-7	Total Recoverable	Water	6020B	850854
680-254471-9	SCH-PAC-EB-7	Total Recoverable	Water	6020B	850854
680-254471-10	SCH-PAC-FB-8	Total Recoverable	Water	6020B	850854
680-254471-11	SCH-PAC-EB-8	Total Recoverable	Water	6020B	850854
680-254471-12	SCH-GWA-48	Total Recoverable	Water	6020B	850854
680-254471-13	SCH-GWC-29	Total Recoverable	Water	6020B	850854
680-254471-14	SCH-GWC-52	Total Recoverable	Water	6020B	850854
680-254471-15	SCH-GWC-53	Total Recoverable	Water	6020B	850854
680-254471-16	SCH-PAC-FD-8	Total Recoverable	Water	6020B	850854
680-254471-17	SCH-GWA-49	Total Recoverable	Water	6020B	850854
MB 680-850854/1-A	Method Blank	Total Recoverable	Water	6020B	850854
LCS 680-850854/2-A	Lab Control Sample	Total Recoverable	Water	6020B	850854
680-254471-9 MS	SCH-PAC-EB-7	Total Recoverable	Water	6020B	850854
680-254471-9 MSD	SCH-PAC-EB-7	Total Recoverable	Water	6020B	850854

Prep Batch: 851400

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254471-1	SCH-GWA-22	Total/NA	Water	7470A	
680-254471-2	SCH-GWA-45	Total/NA	Water	7470A	
680-254471-3	SCH-GWA-46	Total/NA	Water	7470A	
680-254471-4	SCH-GWA-47	Total/NA	Water	7470A	
680-254471-5	SCH-GWC-50	Total/NA	Water	7470A	
680-254471-6	SCH-GWC-51	Total/NA	Water	7470A	
680-254471-7	SCH-PAC-FD-7	Total/NA	Water	7470A	
680-254471-8	SCH-PAC-FB-7	Total/NA	Water	7470A	
680-254471-9	SCH-PAC-EB-7	Total/NA	Water	7470A	
680-254471-10	SCH-PAC-FB-8	Total/NA	Water	7470A	
680-254471-11	SCH-PAC-EB-8	Total/NA	Water	7470A	
680-254471-12	SCH-GWA-48	Total/NA	Water	7470A	
680-254471-13	SCH-GWC-29	Total/NA	Water	7470A	
680-254471-14	SCH-GWC-52	Total/NA	Water	7470A	
680-254471-15	SCH-GWC-53	Total/NA	Water	7470A	
680-254471-16	SCH-PAC-FD-8	Total/NA	Water	7470A	
680-254471-17	SCH-GWA-49	Total/NA	Water	7470A	
MB 680-851400/1-A	Method Blank	Total/NA	Water	7470A	

QC Association Summary

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-254471-1

Metals (Continued)

Prep Batch: 851400 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 680-851400/2-A	Lab Control Sample	Total/NA	Water	7470A	
680-254471-5 MS	SCH-GWC-50	Total/NA	Water	7470A	
680-254471-5 MSD	SCH-GWC-50	Total/NA	Water	7470A	

Analysis Batch: 851590

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254471-1	SCH-GWA-22	Total/NA	Water	7470A	851400
680-254471-2	SCH-GWA-45	Total/NA	Water	7470A	851400
680-254471-3	SCH-GWA-46	Total/NA	Water	7470A	851400
680-254471-4	SCH-GWA-47	Total/NA	Water	7470A	851400
680-254471-5	SCH-GWC-50	Total/NA	Water	7470A	851400
680-254471-6	SCH-GWC-51	Total/NA	Water	7470A	851400
680-254471-7	SCH-PAC-FD-7	Total/NA	Water	7470A	851400
680-254471-8	SCH-PAC-FB-7	Total/NA	Water	7470A	851400
680-254471-9	SCH-PAC-EB-7	Total/NA	Water	7470A	851400
680-254471-10	SCH-PAC-FB-8	Total/NA	Water	7470A	851400
680-254471-11	SCH-PAC-EB-8	Total/NA	Water	7470A	851400
680-254471-12	SCH-GWA-48	Total/NA	Water	7470A	851400
680-254471-13	SCH-GWC-29	Total/NA	Water	7470A	851400
680-254471-14	SCH-GWC-52	Total/NA	Water	7470A	851400
680-254471-15	SCH-GWC-53	Total/NA	Water	7470A	851400
680-254471-16	SCH-PAC-FD-8	Total/NA	Water	7470A	851400
680-254471-17	SCH-GWA-49	Total/NA	Water	7470A	851400
MB 680-851400/1-A	Method Blank	Total/NA	Water	7470A	851400
LCS 680-851400/2-A	Lab Control Sample	Total/NA	Water	7470A	851400
680-254471-5 MS	SCH-GWC-50	Total/NA	Water	7470A	851400
680-254471-5 MSD	SCH-GWC-50	Total/NA	Water	7470A	851400

General Chemistry

Analysis Batch: 851395

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254471-1	SCH-GWA-22	Total/NA	Water	2540C-2011	
680-254471-2	SCH-GWA-45	Total/NA	Water	2540C-2011	
680-254471-3	SCH-GWA-46	Total/NA	Water	2540C-2011	
680-254471-4	SCH-GWA-47	Total/NA	Water	2540C-2011	
680-254471-5	SCH-GWC-50	Total/NA	Water	2540C-2011	
680-254471-6	SCH-GWC-51	Total/NA	Water	2540C-2011	
MB 680-851395/1	Method Blank	Total/NA	Water	2540C-2011	
LCS 680-851395/2	Lab Control Sample	Total/NA	Water	2540C-2011	
LCSD 680-851395/3	Lab Control Sample Dup	Total/NA	Water	2540C-2011	
680-254471-2 DU	SCH-GWA-45	Total/NA	Water	2540C-2011	

Analysis Batch: 851677

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254471-7	SCH-PAC-FD-7	Total/NA	Water	2540C-2011	
680-254471-8	SCH-PAC-FB-7	Total/NA	Water	2540C-2011	
680-254471-9	SCH-PAC-EB-7	Total/NA	Water	2540C-2011	
680-254471-10	SCH-PAC-FB-8	Total/NA	Water	2540C-2011	
680-254471-11	SCH-PAC-EB-8	Total/NA	Water	2540C-2011	
680-254471-12	SCH-GWA-48	Total/NA	Water	2540C-2011	

QC Association Summary

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-254471-1

General Chemistry (Continued)

Analysis Batch: 851677 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254471-13	SCH-GWC-29	Total/NA	Water	2540C-2011	
680-254471-14	SCH-GWC-52	Total/NA	Water	2540C-2011	
680-254471-15	SCH-GWC-53	Total/NA	Water	2540C-2011	
680-254471-16	SCH-PAC-FD-8	Total/NA	Water	2540C-2011	
680-254471-17	SCH-GWA-49	Total/NA	Water	2540C-2011	
MB 680-851677/1	Method Blank	Total/NA	Water	2540C-2011	
LCS 680-851677/2	Lab Control Sample	Total/NA	Water	2540C-2011	
LCSD 680-851677/3	Lab Control Sample Dup	Total/NA	Water	2540C-2011	
680-254471-15 DU	SCH-GWC-53	Total/NA	Water	2540C-2011	
680-254471-16 DU	SCH-PAC-FD-8	Total/NA	Water	2540C-2011	

Analysis Batch: 851806

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254471-2	SCH-GWA-45	Total/NA	Water	2320B-2011	
MB 680-851806/4	Method Blank	Total/NA	Water	2320B-2011	
LCS 680-851806/6	Lab Control Sample	Total/NA	Water	2320B-2011	
LCSD 680-851806/31	Lab Control Sample Dup	Total/NA	Water	2320B-2011	
680-254374-E-1 DU	Duplicate	Total/NA	Water	2320B-2011	

Analysis Batch: 851815

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254471-1	SCH-GWA-22	Total/NA	Water	2320B-2011	
680-254471-3	SCH-GWA-46	Total/NA	Water	2320B-2011	
680-254471-4	SCH-GWA-47	Total/NA	Water	2320B-2011	
680-254471-5	SCH-GWC-50	Total/NA	Water	2320B-2011	
680-254471-6	SCH-GWC-51	Total/NA	Water	2320B-2011	
680-254471-7	SCH-PAC-FD-7	Total/NA	Water	2320B-2011	
680-254471-8	SCH-PAC-FB-7	Total/NA	Water	2320B-2011	
680-254471-9	SCH-PAC-EB-7	Total/NA	Water	2320B-2011	
680-254471-10	SCH-PAC-FB-8	Total/NA	Water	2320B-2011	
680-254471-11	SCH-PAC-EB-8	Total/NA	Water	2320B-2011	
680-254471-12	SCH-GWA-48	Total/NA	Water	2320B-2011	
680-254471-13	SCH-GWC-29	Total/NA	Water	2320B-2011	
680-254471-14	SCH-GWC-52	Total/NA	Water	2320B-2011	
MB 680-851815/4	Method Blank	Total/NA	Water	2320B-2011	
LCS 680-851815/6	Lab Control Sample	Total/NA	Water	2320B-2011	
LCSD 680-851815/31	Lab Control Sample Dup	Total/NA	Water	2320B-2011	
680-254471-1 DU	SCH-GWA-22	Total/NA	Water	2320B-2011	
680-254471-14 DU	SCH-GWC-52	Total/NA	Water	2320B-2011	

Analysis Batch: 852086

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254471-15	SCH-GWC-53	Total/NA	Water	2320B-2011	
680-254471-16	SCH-PAC-FD-8	Total/NA	Water	2320B-2011	
680-254471-17	SCH-GWA-49	Total/NA	Water	2320B-2011	
MB 680-852086/4	Method Blank	Total/NA	Water	2320B-2011	
LCS 680-852086/6	Lab Control Sample	Total/NA	Water	2320B-2011	
LCSD 680-852086/31	Lab Control Sample Dup	Total/NA	Water	2320B-2011	
680-254399-H-1 DU	Duplicate	Total/NA	Water	2320B-2011	

Lab Chronicle

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-254471-1

Client Sample ID: SCH-GWA-22

Lab Sample ID: 680-254471-1

Date Collected: 08/08/24 10:35

Matrix: Water

Date Received: 08/09/24 14:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	2 mL	2 mL	852234	08/20/24 19:37	BS	EET SAV
Instrument ID: CICR										
Total Recoverable	Prep	3005A			25 mL	125 mL	850854	08/12/24 07:08	RR	EET SAV
Total Recoverable	Analysis	6020B		1			851031	08/12/24 21:18	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	851400	08/14/24 14:35	MG	EET SAV
Total/NA	Analysis	7470A		1			851590	08/14/24 20:02	BJB	EET SAV
Instrument ID: QuickTrace2										
Total/NA	Analysis	2320B-2011		1			851815	08/15/24 19:08	PG	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	851395	08/14/24 14:15	PG	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWA-45

Lab Sample ID: 680-254471-2

Date Collected: 08/08/24 09:16

Matrix: Water

Date Received: 08/09/24 14:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		10	2 mL	2 mL	852234	08/20/24 19:57	BS	EET SAV
Instrument ID: CICR										
Total Recoverable	Prep	3005A			25 mL	125 mL	850854	08/12/24 07:08	RR	EET SAV
Total Recoverable	Analysis	6020B		1			851031	08/12/24 21:02	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	851400	08/14/24 14:35	MG	EET SAV
Total/NA	Analysis	7470A		1			851590	08/14/24 20:04	BJB	EET SAV
Instrument ID: QuickTrace2										
Total/NA	Analysis	2320B-2011		1			851806	08/15/24 17:03	PG	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	851395	08/14/24 14:15	PG	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWA-46

Lab Sample ID: 680-254471-3

Date Collected: 08/08/24 10:40

Matrix: Water

Date Received: 08/09/24 14:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	2 mL	2 mL	852234	08/20/24 20:03	BS	EET SAV
Instrument ID: CICR										
Total Recoverable	Prep	3005A			25 mL	125 mL	850854	08/12/24 07:08	RR	EET SAV
Total Recoverable	Analysis	6020B		1			851031	08/12/24 21:15	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	851400	08/14/24 14:35	MG	EET SAV
Total/NA	Analysis	7470A		1			851590	08/14/24 20:06	BJB	EET SAV
Instrument ID: QuickTrace2										

Lab Chronicle

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-254471-1

Client Sample ID: SCH-GWA-46

Lab Sample ID: 680-254471-3

Date Collected: 08/08/24 10:40

Matrix: Water

Date Received: 08/09/24 14:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2320B-2011		1			851815	08/15/24 19:33	PG	EET SAV
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	851395	08/14/24 14:15	PG	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWA-47

Lab Sample ID: 680-254471-4

Date Collected: 08/08/24 11:33

Matrix: Water

Date Received: 08/09/24 14:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	2 mL	2 mL	852234	08/20/24 20:09	BS	EET SAV
Instrument ID: CICR										
Total Recoverable	Prep	3005A			25 mL	125 mL	850854	08/12/24 07:08	RR	EET SAV
Total Recoverable	Analysis	6020B		1			851031	08/12/24 20:56	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	851400	08/14/24 14:35	MG	EET SAV
Total/NA	Analysis	7470A		1			851590	08/14/24 20:09	BJB	EET SAV
Instrument ID: QuickTrace2										
Total/NA	Analysis	2320B-2011		1			851815	08/15/24 19:25	PG	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	851395	08/14/24 14:15	PG	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWC-50

Lab Sample ID: 680-254471-5

Date Collected: 08/08/24 12:30

Matrix: Water

Date Received: 08/09/24 14:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	2 mL	2 mL	852234	08/20/24 20:16	BS	EET SAV
Instrument ID: CICR										
Total Recoverable	Prep	3005A			25 mL	125 mL	850854	08/12/24 07:08	RR	EET SAV
Total Recoverable	Analysis	6020B		1			851031	08/12/24 21:13	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	851400	08/14/24 14:35	MG	EET SAV
Total/NA	Analysis	7470A		1			851590	08/14/24 19:45	BJB	EET SAV
Instrument ID: QuickTrace2										
Total/NA	Analysis	2320B-2011		1			851815	08/15/24 19:41	PG	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	851395	08/14/24 14:15	PG	EET SAV
Instrument ID: NOEQUIP										

Lab Chronicle

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-254471-1

Client Sample ID: SCH-GWC-51

Lab Sample ID: 680-254471-6

Date Collected: 08/08/24 11:38

Matrix: Water

Date Received: 08/09/24 14:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	2 mL	2 mL	852234	08/20/24 20:22	BS	EET SAV
Instrument ID: CICR										
Total Recoverable	Prep	3005A			25 mL	125 mL	850854	08/12/24 07:08	RR	EET SAV
Total Recoverable	Analysis	6020B		1			851031	08/12/24 21:29	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	851400	08/14/24 14:35	MG	EET SAV
Total/NA	Analysis	7470A		1			851590	08/14/24 20:36	BJB	EET SAV
Instrument ID: QuickTrace2										
Total/NA	Analysis	2320B-2011		1			851815	08/15/24 20:14	PG	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	851395	08/14/24 14:15	PG	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-PAC-FD-7

Lab Sample ID: 680-254471-7

Date Collected: 08/08/24 00:00

Matrix: Water

Date Received: 08/09/24 14:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	2 mL	2 mL	852458	08/21/24 13:16	BS	EET SAV
Instrument ID: CICR										
Total Recoverable	Prep	3005A			25 mL	125 mL	850854	08/12/24 07:08	RR	EET SAV
Total Recoverable	Analysis	6020B		1			851031	08/12/24 21:21	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	851400	08/14/24 14:35	MG	EET SAV
Total/NA	Analysis	7470A		1			851590	08/14/24 20:30	BJB	EET SAV
Instrument ID: QuickTrace2										
Total/NA	Analysis	2320B-2011		1			851815	08/15/24 20:22	PG	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	851677	08/15/24 15:03	PG	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-PAC-FB-7

Lab Sample ID: 680-254471-8

Date Collected: 08/08/24 10:00

Matrix: Water

Date Received: 08/09/24 14:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	2 mL	2 mL	852234	08/20/24 20:54	BS	EET SAV
Instrument ID: CICR										
Total Recoverable	Prep	3005A			25 mL	125 mL	850854	08/12/24 07:08	RR	EET SAV
Total Recoverable	Analysis	6020B		1			851031	08/12/24 21:10	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	851400	08/14/24 14:35	MG	EET SAV
Total/NA	Analysis	7470A		1			851590	08/14/24 20:32	BJB	EET SAV
Instrument ID: QuickTrace2										

Lab Chronicle

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-254471-1

Client Sample ID: SCH-PAC-FB-7

Lab Sample ID: 680-254471-8

Date Collected: 08/08/24 10:00

Matrix: Water

Date Received: 08/09/24 14:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2320B-2011		1			851815	08/15/24 19:47	PG	EET SAV
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	851677	08/15/24 15:03	PG	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-PAC-EB-7

Lab Sample ID: 680-254471-9

Date Collected: 08/08/24 10:10

Matrix: Water

Date Received: 08/09/24 14:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	2 mL	2 mL	852234	08/20/24 21:01	BS	EET SAV
Instrument ID: CICR										
Total Recoverable	Prep	3005A			25 mL	125 mL	850854	08/12/24 07:08	RR	EET SAV
Total Recoverable	Analysis	6020B		1			851031	08/12/24 20:29	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	851400	08/14/24 14:35	MG	EET SAV
Total/NA	Analysis	7470A		1			851590	08/14/24 20:34	BJB	EET SAV
Instrument ID: QuickTrace2										
Total/NA	Analysis	2320B-2011		1			851815	08/15/24 21:15	PG	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	851677	08/15/24 15:03	PG	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-PAC-FB-8

Lab Sample ID: 680-254471-10

Date Collected: 08/08/24 09:30

Matrix: Water

Date Received: 08/09/24 14:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	2 mL	2 mL	852234	08/20/24 21:07	BS	EET SAV
Instrument ID: CICR										
Total Recoverable	Prep	3005A			25 mL	125 mL	850854	08/12/24 07:08	RR	EET SAV
Total Recoverable	Analysis	6020B		1			851031	08/12/24 20:48	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	851400	08/14/24 14:35	MG	EET SAV
Total/NA	Analysis	7470A		1			851590	08/14/24 19:51	BJB	EET SAV
Instrument ID: QuickTrace2										
Total/NA	Analysis	2320B-2011		1			851815	08/15/24 19:52	PG	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	851677	08/15/24 15:03	PG	EET SAV
Instrument ID: NOEQUIP										

Lab Chronicle

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-254471-1

Client Sample ID: SCH-PAC-EB-8

Lab Sample ID: 680-254471-11

Date Collected: 08/08/24 09:43

Matrix: Water

Date Received: 08/09/24 14:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	2 mL	2 mL	852234	08/20/24 21:14	BS	EET SAV
Instrument ID: CICR										
Total Recoverable	Prep	3005A			25 mL	125 mL	850854	08/12/24 07:08	RR	EET SAV
Total Recoverable	Analysis	6020B		1			851031	08/12/24 20:59	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	851400	08/14/24 14:35	MG	EET SAV
Total/NA	Analysis	7470A		1			851590	08/14/24 19:58	BJB	EET SAV
Instrument ID: QuickTrace2										
Total/NA	Analysis	2320B-2011		1			851815	08/15/24 19:57	PG	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	851677	08/15/24 15:03	PG	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWA-48

Lab Sample ID: 680-254471-12

Date Collected: 08/08/24 13:16

Matrix: Water

Date Received: 08/09/24 14:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	2 mL	2 mL	852234	08/20/24 21:33	BS	EET SAV
Instrument ID: CICR										
Total Recoverable	Prep	3005A			25 mL	125 mL	850854	08/12/24 07:08	RR	EET SAV
Total Recoverable	Analysis	6020B		1			851031	08/12/24 20:37	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	851400	08/14/24 14:35	MG	EET SAV
Total/NA	Analysis	7470A		1			851590	08/14/24 20:00	BJB	EET SAV
Instrument ID: QuickTrace2										
Total/NA	Analysis	2320B-2011		1			851815	08/15/24 20:06	PG	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	851677	08/15/24 15:03	PG	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWC-29

Lab Sample ID: 680-254471-13

Date Collected: 08/08/24 14:11

Matrix: Water

Date Received: 08/09/24 14:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	2 mL	2 mL	852234	08/20/24 21:39	BS	EET SAV
Instrument ID: CICR										
Total Recoverable	Prep	3005A			25 mL	125 mL	850854	08/12/24 07:08	RR	EET SAV
Total Recoverable	Analysis	6020B		1			851031	08/12/24 21:07	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	851400	08/14/24 14:35	MG	EET SAV
Total/NA	Analysis	7470A		1			851590	08/14/24 20:11	BJB	EET SAV
Instrument ID: QuickTrace2										

Lab Chronicle

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-254471-1

Client Sample ID: SCH-GWC-29

Lab Sample ID: 680-254471-13

Date Collected: 08/08/24 14:11

Matrix: Water

Date Received: 08/09/24 14:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2320B-2011		1			851815	08/15/24 21:09	PG	EET SAV
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	851677	08/15/24 15:03	PG	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWC-52

Lab Sample ID: 680-254471-14

Date Collected: 08/08/24 15:45

Matrix: Water

Date Received: 08/09/24 14:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		5	2 mL	2 mL	852234	08/20/24 21:46	BS	EET SAV
Instrument ID: CICR										
Total Recoverable	Prep	3005A			25 mL	125 mL	850854	08/12/24 07:08	RR	EET SAV
Total Recoverable	Analysis	6020B		1			851031	08/12/24 21:04	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	851400	08/14/24 14:35	MG	EET SAV
Total/NA	Analysis	7470A		1			851590	08/14/24 20:13	BJB	EET SAV
Instrument ID: QuickTrace2										
Total/NA	Analysis	2320B-2011		1			851815	08/15/24 20:52	PG	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	851677	08/15/24 15:03	PG	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWC-53

Lab Sample ID: 680-254471-15

Date Collected: 08/08/24 17:05

Matrix: Water

Date Received: 08/09/24 14:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		10	2 mL	2 mL	852234	08/20/24 21:52	BS	EET SAV
Instrument ID: CICR										
Total Recoverable	Prep	3005A			25 mL	125 mL	850854	08/12/24 07:08	RR	EET SAV
Total Recoverable	Analysis	6020B		1			851031	08/12/24 20:40	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	851400	08/14/24 14:35	MG	EET SAV
Total/NA	Analysis	7470A		1			851590	08/14/24 20:17	BJB	EET SAV
Instrument ID: QuickTrace2										
Total/NA	Analysis	2320B-2011		1			852086	08/16/24 13:07	PG	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	851677	08/15/24 15:03	PG	EET SAV
Instrument ID: NOEQUIP										

Lab Chronicle

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-254471-1

Client Sample ID: SCH-PAC-FD-8

Lab Sample ID: 680-254471-16

Date Collected: 08/08/24 00:00

Matrix: Water

Date Received: 08/09/24 14:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		5	2 mL	2 mL	852234	08/20/24 21:59	BS	EET SAV
Instrument ID: CICR										
Total Recoverable	Prep	3005A			25 mL	125 mL	850854	08/12/24 07:08	RR	EET SAV
Total Recoverable	Analysis	6020B		1			851031	08/12/24 20:42	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	851400	08/14/24 14:35	MG	EET SAV
Total/NA	Analysis	7470A		1			851590	08/14/24 20:24	BJB	EET SAV
Instrument ID: QuickTrace2										
Total/NA	Analysis	2320B-2011		1			852086	08/16/24 13:13	PG	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	851677	08/15/24 15:03	PG	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWA-49

Lab Sample ID: 680-254471-17

Date Collected: 08/09/24 09:26

Matrix: Water

Date Received: 08/09/24 14:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	2 mL	2 mL	852458	08/21/24 13:23	BS	EET SAV
Instrument ID: CICR										
Total Recoverable	Prep	3005A			25 mL	125 mL	850854	08/12/24 07:08	RR	EET SAV
Total Recoverable	Analysis	6020B		1			851031	08/12/24 20:45	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	851400	08/14/24 14:35	MG	EET SAV
Total/NA	Analysis	7470A		1			851590	08/14/24 20:26	BJB	EET SAV
Instrument ID: QuickTrace2										
Total/NA	Analysis	2320B-2011		1			852086	08/16/24 13:23	PG	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	851677	08/15/24 15:03	PG	EET SAV
Instrument ID: NOEQUIP										

Laboratory References:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Accreditation/Certification Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-254471-1

Laboratory: Eurofins Savannah

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87052	06-30-25
Georgia	State	E87052	06-30-25

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12

Method Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-254471-1

Method	Method Description	Protocol	Laboratory
300.0-1993 R2.1	Anions, Ion Chromatography	MCAWW	EET SAV
6020B	Metals (ICP/MS)	SW846	EET SAV
7470A	Mercury (CVAA)	SW846	EET SAV
2320B-2011	Alkalinity, Total	SM	EET SAV
2540C-2011	Total Dissolved Solids (Dried at 180 °C)	SM	EET SAV
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET SAV
7470A	Preparation, Mercury	SW846	EET SAV

Protocol References:

- MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.
- SM = "Standard Methods For The Examination Of Water And Wastewater"
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

- EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Eurofins Savannah

5102 LaRoche Avenue
Savannah, GA 31404
Phone (912) 354-7858 Phone (912) 352-0165

Chain of Custody Record



Client Information				Sampler(s): Mark Mann				Lab PM / Phone: David Fuller / 770-344-8986				Carrier Tracking No(s):				COC No:																			
Client Contact: Joju Abraham				Site-Project Manager / Phone: Dawn Prell / 248-536-5445				E-Mail: David.Fuller@et.eurofinsus.com				State of Origin: GA				Page: Page 1 of 2																			
Company: Southern Company												Analysis Requested				Job #:																			
Address: 241 Ralph McGill Blvd SE B10185				Due Date Requested:																															
City: Atlanta				TAT Requested (days): 2 weeks																															
State, Zip: GA, 30308				Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No																															
Phone:				Lab Project #: (DO NOT REMOVE) 68027798																															
Email: JAbraham@southernco.com				Lab PO #: GPC82130-0006 / PO Line #4																															
Project Name: CCR - Plant Scherer PAC Ash Cell				Project #:																															
Site:																																			
																Preservation Codes: A - HCL M - Hexane B - NaOH N - None C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2S2O3 G - Amchlor S - H2SO4 H - Ascorbic Acid T - TSP Dodecahydrate I - Ice U - Acetone J - DI Water V - MCAA K - EDTA W - pH 4-5 L - EDA Y - Trizma Z - other (specify)																			
																Task Code: SCH-CCR-ASSMT-2024S2 Special Instructions/Notes:																			
Sample Identification				Sample Date		Sample Time		Sample Type (C=comp, G=grab)		Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		300_ORGFM_28D - Chloride, Fluoride, Sulfate		2540C - Solids, Total Dissolved (TDS)		6020B - App III, State (15) Metals + Cations (Mg, K, Na)		7470A - Mercury		2320B - Alkalinity, Total, Carb/Bicarb		Total Number of containers									
								Preservation Code:																											
SCH-GWA-22				8/8/24		10:35		G WG				N N		X X		X X		X X		X X						4									
SCH-GWA-45				8/8/24		09:16		G WG				N N		X X		X X		X X		X X						4									
SCH-GWA-46				8/8/24		10:40		G WG				N N		X X		X X		X X		X X						4									
SCH-GWA-47				8/8/24		11:33		G WG				N N		X X		X X		X X		X X						4									
SCH-GWC-50				8/8/24		12:30		G WG				N N		X X		X X		X X		X X						4									
SCH-GWC-51				8/8/24		11:38		G WG				N N		X X		X X		X X		X X						4									
SCH-PAC-FD-7				8/8/24		-		G WG				N N		X X		X X		X X		X X						4									
SCH-PAC-FB-7				8/8/24		10:00		G WQ				N N		X X		X X		X X		X X						4									
SCH-PAC-EB-7				8/8/24		10:10		G WQ				N N		X X		X X		X X		X X						4									
SCH-PAC-FB-8				8/8/24		9:30		G WQ				N N		X X		X X		X X		X X						4									
SCH-PAC-EB-8				8/8/24		9:43		G WQ				N N		X X		X X		X X		X X						4									
Possible Hazard Identification												Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)																							
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological												<input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months																							
Deliverable Requested: I, II, III, IV, Other (specify)												Special Instructions/QC Requirements:																							
Empty Kit Relinquished by:						Date:						Time:						Method of Shipment:																	
Relinquished by: MARK MANN / [Signature]						Date/Time: 8/9/24 1200						Company: WSP						Received by: [Signature]						Date/Time: 8/9/24 1200						Company: COURTNEROW					
Relinquished by:						Date/Time:						Company:						Received by:						Date/Time:						Company:					
Relinquished by:						Date/Time:						Company:						Received by: [Signature]						Date/Time: 8/9/24 1455						Company: Eurofins					
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No						Custody Seal No.:						Cooler Temperature(s) °C and Other Remarks: 17/17 11/11 10/1.0																							



Eurofins Savannah

5102 LaRoche Avenue
Savannah, GA 31404
Phone (912) 354-7858 Phone (912) 352-0165

Chain of Custody Record



Form containing Client Information, Analysis Requested, Sample Identification, and Sample Disposal sections with various fields and handwritten entries.

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-254471-1

Login Number: 254471

List Number: 1

Creator: Munro, Caroline

List Source: Eurofins Savannah

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



ANALYTICAL REPORT

PREPARED FOR

Attn: Joju Abraham
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Generated 8/19/2024 5:09:58 PM

JOB DESCRIPTION

Plant Scherer Surface Water

JOB NUMBER

680-254387-1

Eurofins Savannah

Job Notes

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The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization



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8/19/2024 5:09:58 PM

Authorized for release by
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(770)344-8986

Definitions/Glossary

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 680-254387-1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Sample Summary

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 680-254387-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-254387-1	SCH-SWA-2	Water	08/07/24 15:36	08/08/24 13:15
680-254387-2	SCH-SWA-3	Water	08/07/24 12:13	08/08/24 13:15
680-254387-3	SCH-SWC-4	Water	08/07/24 10:00	08/08/24 13:15
680-254387-4	SCH-SWC-6	Water	08/07/24 11:06	08/08/24 13:15
680-254387-5	SCH-SWC-7	Water	08/07/24 11:26	08/08/24 13:15
680-254387-6	SCH-SWC-8	Water	08/07/24 12:51	08/08/24 13:15

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Case Narrative

Client: Southern Company
Project: Plant Scherer Surface Water

Job ID: 680-254387-1

Job ID: 680-254387-1

Eurofins Savannah

Job Narrative 680-254387-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Receipt

The samples were received on 8/8/2024 1:15 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.3°C.

HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry

Method 2540C: A lesser volume of sample was used for the following samples due to the nature of the sample matrix resulting in elevated reporting limits: SCH-SWA-2 (680-254387-1), SCH-SWA-3 (680-254387-2), SCH-SWC-4 (680-254387-3), SCH-SWC-7 (680-254387-5) and SCH-SWC-8 (680-254387-6).

Method 4500_CN_E: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 680-851319 and analytical batch 680-851536 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Savannah

Client Sample Results

Client: Southern Company
 Project/Site: Plant Scherer Surface Water

Job ID: 680-254387-1

Client Sample ID: SCH-SWA-2

Lab Sample ID: 680-254387-1

Date Collected: 08/07/24 15:36

Matrix: Water

Date Received: 08/08/24 13:15

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14		10	2.0	mg/L			08/17/24 16:36	10
Fluoride	<0.40		1.0	0.40	mg/L			08/17/24 16:36	10
Sulfate	280		10	4.0	mg/L			08/17/24 16:36	10

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		08/09/24 04:51	08/09/24 21:50	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		08/09/24 04:51	08/09/24 21:50	1
Barium	0.079		0.010	0.00089	mg/L		08/09/24 04:51	08/09/24 21:50	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		08/09/24 04:51	08/09/24 21:50	1
Boron	1.8		0.080	0.022	mg/L		08/09/24 04:51	08/09/24 21:50	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		08/09/24 04:51	08/09/24 21:50	1
Calcium	50		0.50	0.14	mg/L		08/09/24 04:51	08/09/24 21:50	1
Chromium	<0.0012		0.0020	0.0012	mg/L		08/09/24 04:51	08/09/24 21:50	1
Cobalt	0.0031		0.0025	0.00022	mg/L		08/09/24 04:51	08/09/24 21:50	1
Copper	<0.0011		0.0020	0.0011	mg/L		08/09/24 04:51	08/09/24 21:50	1
Lead	<0.00021		0.0010	0.00021	mg/L		08/09/24 04:51	08/09/24 21:50	1
Magnesium	26		0.50	0.023	mg/L		08/09/24 04:51	08/09/24 21:50	1
Nickel	0.0010		0.0010	0.00042	mg/L		08/09/24 04:51	08/09/24 21:50	1
Potassium	1.9		0.50	0.044	mg/L		08/09/24 04:51	08/09/24 21:50	1
Selenium	<0.00099		0.0050	0.00099	mg/L		08/09/24 04:51	08/09/24 21:50	1
Silver	<0.00039		0.0010	0.00039	mg/L		08/09/24 04:51	08/09/24 21:50	1
Sodium	62		0.50	0.20	mg/L		08/09/24 04:51	08/09/24 21:50	1
Thallium	<0.00026		0.0010	0.00026	mg/L		08/09/24 04:51	08/09/24 21:50	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		08/09/24 04:51	08/09/24 21:50	1
Zinc	<0.0028		0.0050	0.0028	mg/L		08/09/24 04:51	08/09/24 21:50	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		08/14/24 09:55	08/14/24 16:43	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	57		5.0	2.2	mg/L			08/15/24 21:54	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	57		5.0	5.0	mg/L			08/15/24 21:54	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			08/15/24 21:54	1
Total Dissolved Solids (SM 2540C-2011)	500		40	40	mg/L			08/13/24 10:43	1
Chemical Oxygen Demand (MCAWW 410.4-1993 R2.0)	9.0 J		10	5.0	mg/L			08/15/24 11:31	1
Cyanide, Total (SM 4500 CN E-2011)	<0.0060	F1	0.020	0.0060	mg/L		08/14/24 09:56	08/14/24 16:31	1
Total Organic Carbon (TOC) (SM 5310 B-2011)	1.4		1.0	0.50	mg/L			08/14/24 00:54	1

Client Sample Results

Client: Southern Company
 Project/Site: Plant Scherer Surface Water

Job ID: 680-254387-1

Client Sample ID: SCH-SWA-3

Lab Sample ID: 680-254387-2

Date Collected: 08/07/24 12:13

Matrix: Water

Date Received: 08/08/24 13:15

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11		5.0	1.0	mg/L			08/17/24 16:42	5
Fluoride	<0.20		0.50	0.20	mg/L			08/17/24 16:42	5
Sulfate	57		5.0	2.0	mg/L			08/17/24 16:42	5

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		08/09/24 04:51	08/09/24 21:34	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		08/09/24 04:51	08/09/24 21:34	1
Barium	0.038		0.010	0.00089	mg/L		08/09/24 04:51	08/09/24 21:34	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		08/09/24 04:51	08/09/24 21:34	1
Boron	0.44		0.080	0.022	mg/L		08/09/24 04:51	08/09/24 21:34	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		08/09/24 04:51	08/09/24 21:34	1
Calcium	16		0.50	0.14	mg/L		08/09/24 04:51	08/09/24 21:34	1
Chromium	0.0015	J	0.0020	0.0012	mg/L		08/09/24 04:51	08/09/24 21:34	1
Cobalt	0.0016	J	0.0025	0.00022	mg/L		08/09/24 04:51	08/09/24 21:34	1
Copper	<0.0011		0.0020	0.0011	mg/L		08/09/24 04:51	08/09/24 21:34	1
Lead	<0.00021		0.0010	0.00021	mg/L		08/09/24 04:51	08/09/24 21:34	1
Magnesium	9.1		0.50	0.023	mg/L		08/09/24 04:51	08/09/24 21:34	1
Nickel	0.00073	J	0.0010	0.00042	mg/L		08/09/24 04:51	08/09/24 21:34	1
Potassium	1.4		0.50	0.044	mg/L		08/09/24 04:51	08/09/24 21:34	1
Selenium	<0.00099		0.0050	0.00099	mg/L		08/09/24 04:51	08/09/24 21:34	1
Silver	<0.00039		0.0010	0.00039	mg/L		08/09/24 04:51	08/09/24 21:34	1
Sodium	21		0.50	0.20	mg/L		08/09/24 04:51	08/09/24 21:34	1
Thallium	<0.00026		0.0010	0.00026	mg/L		08/09/24 04:51	08/09/24 21:34	1
Vanadium	0.0016	J	0.0020	0.00063	mg/L		08/09/24 04:51	08/09/24 21:34	1
Zinc	<0.0028		0.0050	0.0028	mg/L		08/09/24 04:51	08/09/24 21:34	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		08/14/24 09:55	08/14/24 16:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	51		5.0	2.2	mg/L			08/15/24 21:37	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	51		5.0	5.0	mg/L			08/15/24 21:37	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			08/15/24 21:37	1
Total Dissolved Solids (SM 2540C-2011)	170		40	40	mg/L			08/13/24 10:43	1
Chemical Oxygen Demand (MCAWW 410.4-1993 R2.0)	<5.0		10	5.0	mg/L			08/15/24 11:31	1
Cyanide, Total (SM 4500 CN E-2011)	<0.0060		0.020	0.0060	mg/L		08/14/24 09:56	08/14/24 15:47	1
Total Organic Carbon (TOC) (SM 5310 B-2011)	0.79	J	1.0	0.50	mg/L			08/14/24 01:11	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 680-254387-1

Client Sample ID: SCH-SWC-4

Lab Sample ID: 680-254387-3

Date Collected: 08/07/24 10:00

Matrix: Water

Date Received: 08/08/24 13:15

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.6		5.0	1.0	mg/L			08/17/24 16:49	5
Fluoride	<0.20		0.50	0.20	mg/L			08/17/24 16:49	5
Sulfate	100		5.0	2.0	mg/L			08/17/24 16:49	5

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		08/09/24 04:51	08/09/24 21:42	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		08/09/24 04:51	08/09/24 21:42	1
Barium	0.048		0.010	0.00089	mg/L		08/09/24 04:51	08/09/24 21:42	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		08/09/24 04:51	08/09/24 21:42	1
Boron	0.65		0.080	0.022	mg/L		08/09/24 04:51	08/09/24 21:42	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		08/09/24 04:51	08/09/24 21:42	1
Calcium	27		0.50	0.14	mg/L		08/09/24 04:51	08/09/24 21:42	1
Chromium	<0.0012		0.0020	0.0012	mg/L		08/09/24 04:51	08/09/24 21:42	1
Cobalt	0.00078	J	0.0025	0.00022	mg/L		08/09/24 04:51	08/09/24 21:42	1
Copper	<0.0011		0.0020	0.0011	mg/L		08/09/24 04:51	08/09/24 21:42	1
Lead	<0.00021		0.0010	0.00021	mg/L		08/09/24 04:51	08/09/24 21:42	1
Magnesium	14		0.50	0.023	mg/L		08/09/24 04:51	08/09/24 21:42	1
Nickel	<0.00042		0.0010	0.00042	mg/L		08/09/24 04:51	08/09/24 21:42	1
Potassium	1.5		0.50	0.044	mg/L		08/09/24 04:51	08/09/24 21:42	1
Selenium	<0.00099		0.0050	0.00099	mg/L		08/09/24 04:51	08/09/24 21:42	1
Silver	<0.00039		0.0010	0.00039	mg/L		08/09/24 04:51	08/09/24 21:42	1
Sodium	27		0.50	0.20	mg/L		08/09/24 04:51	08/09/24 21:42	1
Thallium	<0.00026		0.0010	0.00026	mg/L		08/09/24 04:51	08/09/24 21:42	1
Vanadium	0.00082	J	0.0020	0.00063	mg/L		08/09/24 04:51	08/09/24 21:42	1
Zinc	<0.0028		0.0050	0.0028	mg/L		08/09/24 04:51	08/09/24 21:42	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		08/14/24 09:55	08/14/24 16:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	74		5.0	2.2	mg/L			08/15/24 22:03	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	74		5.0	5.0	mg/L			08/15/24 22:03	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			08/15/24 22:03	1
Total Dissolved Solids (SM 2540C-2011)	250		40	40	mg/L			08/13/24 10:43	1

Client Sample ID: SCH-SWC-6

Lab Sample ID: 680-254387-4

Date Collected: 08/07/24 11:06

Matrix: Water

Date Received: 08/08/24 13:15

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.4		1.0	0.20	mg/L			08/17/24 16:55	1
Fluoride	<0.040		0.10	0.040	mg/L			08/17/24 16:55	1
Sulfate	0.85	J	1.0	0.40	mg/L			08/17/24 16:55	1

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Client Sample Results

Client: Southern Company
 Project/Site: Plant Scherer Surface Water

Job ID: 680-254387-1

Client Sample ID: SCH-SWC-6

Lab Sample ID: 680-254387-4

Date Collected: 08/07/24 11:06

Matrix: Water

Date Received: 08/08/24 13:15

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		08/09/24 04:51	08/09/24 21:31	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		08/09/24 04:51	08/09/24 21:31	1
Barium	0.021		0.010	0.00089	mg/L		08/09/24 04:51	08/09/24 21:31	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		08/09/24 04:51	08/09/24 21:31	1
Boron	<0.022		0.080	0.022	mg/L		08/09/24 04:51	08/09/24 21:31	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		08/09/24 04:51	08/09/24 21:31	1
Calcium	13		0.50	0.14	mg/L		08/09/24 04:51	08/09/24 21:31	1
Chromium	0.0016	J	0.0020	0.0012	mg/L		08/09/24 04:51	08/09/24 21:31	1
Cobalt	0.00032	J	0.0025	0.00022	mg/L		08/09/24 04:51	08/09/24 21:31	1
Copper	<0.0011		0.0020	0.0011	mg/L		08/09/24 04:51	08/09/24 21:31	1
Lead	<0.00021		0.0010	0.00021	mg/L		08/09/24 04:51	08/09/24 21:31	1
Magnesium	6.6		0.50	0.023	mg/L		08/09/24 04:51	08/09/24 21:31	1
Nickel	0.00056	J	0.0010	0.00042	mg/L		08/09/24 04:51	08/09/24 21:31	1
Potassium	1.4		0.50	0.044	mg/L		08/09/24 04:51	08/09/24 21:31	1
Selenium	<0.00099		0.0050	0.00099	mg/L		08/09/24 04:51	08/09/24 21:31	1
Silver	<0.00039		0.0010	0.00039	mg/L		08/09/24 04:51	08/09/24 21:31	1
Sodium	7.5		0.50	0.20	mg/L		08/09/24 04:51	08/09/24 21:31	1
Thallium	<0.00026		0.0010	0.00026	mg/L		08/09/24 04:51	08/09/24 21:31	1
Vanadium	0.0046		0.0020	0.00063	mg/L		08/09/24 04:51	08/09/24 21:31	1
Zinc	<0.0028		0.0050	0.0028	mg/L		08/09/24 04:51	08/09/24 21:31	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		08/14/24 09:55	08/14/24 16:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	97		5.0	2.2	mg/L			08/15/24 22:11	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	97		5.0	5.0	mg/L			08/15/24 22:11	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			08/15/24 22:11	1
Total Dissolved Solids (SM 2540C-2011)	110		10	10	mg/L			08/13/24 10:43	1

Client Sample ID: SCH-SWC-7

Lab Sample ID: 680-254387-5

Date Collected: 08/07/24 11:26

Matrix: Water

Date Received: 08/08/24 13:15

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.6		5.0	1.0	mg/L			08/17/24 17:14	5
Fluoride	<0.20		0.50	0.20	mg/L			08/17/24 17:14	5
Sulfate	69		5.0	2.0	mg/L			08/17/24 17:14	5

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		08/09/24 04:51	08/09/24 21:39	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		08/09/24 04:51	08/09/24 21:39	1
Barium	0.055		0.010	0.00089	mg/L		08/09/24 04:51	08/09/24 21:39	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		08/09/24 04:51	08/09/24 21:39	1

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Client Sample Results

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 680-254387-1

Client Sample ID: SCH-SWC-7

Lab Sample ID: 680-254387-5

Date Collected: 08/07/24 11:26

Matrix: Water

Date Received: 08/08/24 13:15

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.50		0.080	0.022	mg/L		08/09/24 04:51	08/09/24 21:39	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		08/09/24 04:51	08/09/24 21:39	1
Calcium	26		0.50	0.14	mg/L		08/09/24 04:51	08/09/24 21:39	1
Chromium	<0.0012		0.0020	0.0012	mg/L		08/09/24 04:51	08/09/24 21:39	1
Cobalt	0.00027 J		0.0025	0.00022	mg/L		08/09/24 04:51	08/09/24 21:39	1
Copper	<0.0011		0.0020	0.0011	mg/L		08/09/24 04:51	08/09/24 21:39	1
Lead	<0.00021		0.0010	0.00021	mg/L		08/09/24 04:51	08/09/24 21:39	1
Magnesium	13		0.50	0.023	mg/L		08/09/24 04:51	08/09/24 21:39	1
Nickel	0.00048 J		0.0010	0.00042	mg/L		08/09/24 04:51	08/09/24 21:39	1
Potassium	2.0		0.50	0.044	mg/L		08/09/24 04:51	08/09/24 21:39	1
Selenium	<0.00099		0.0050	0.00099	mg/L		08/09/24 04:51	08/09/24 21:39	1
Silver	<0.00039		0.0010	0.00039	mg/L		08/09/24 04:51	08/09/24 21:39	1
Sodium	23		0.50	0.20	mg/L		08/09/24 04:51	08/09/24 21:39	1
Thallium	<0.00026		0.0010	0.00026	mg/L		08/09/24 04:51	08/09/24 21:39	1
Vanadium	0.0020		0.0020	0.00063	mg/L		08/09/24 04:51	08/09/24 21:39	1
Zinc	<0.0028		0.0050	0.0028	mg/L		08/09/24 04:51	08/09/24 21:39	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		08/14/24 09:55	08/14/24 16:30	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	90		5.0	2.2	mg/L			08/15/24 21:45	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	90		5.0	5.0	mg/L			08/15/24 21:45	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			08/15/24 21:45	1
Total Dissolved Solids (SM 2540C-2011)	220		40	40	mg/L			08/13/24 10:43	1
Chemical Oxygen Demand (MCAWW 410.4-1993 R2.0)	<5.0		10	5.0	mg/L			08/15/24 11:31	1
Cyanide, Total (SM 4500 CN E-2011)	<0.0060		0.020	0.0060	mg/L		08/14/24 09:56	08/14/24 15:49	1
Total Organic Carbon (TOC) (SM 5310 B-2011)	1.7		1.0	0.50	mg/L			08/14/24 01:31	1

Client Sample ID: SCH-SWC-8

Lab Sample ID: 680-254387-6

Date Collected: 08/07/24 12:51

Matrix: Water

Date Received: 08/08/24 13:15

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.2		1.0	0.20	mg/L			08/17/24 17:21	1
Fluoride	<0.040		0.10	0.040	mg/L			08/17/24 17:21	1
Sulfate	16		1.0	0.40	mg/L			08/17/24 17:21	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		08/09/24 04:51	08/09/24 21:37	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		08/09/24 04:51	08/09/24 21:37	1
Barium	0.065		0.010	0.00089	mg/L		08/09/24 04:51	08/09/24 21:37	1

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Client Sample Results

Client: Southern Company
 Project/Site: Plant Scherer Surface Water

Job ID: 680-254387-1

Client Sample ID: SCH-SWC-8

Lab Sample ID: 680-254387-6

Date Collected: 08/07/24 12:51

Matrix: Water

Date Received: 08/08/24 13:15

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	<0.00020		0.0025	0.00020	mg/L		08/09/24 04:51	08/09/24 21:37	1
Boron	1.2		0.080	0.022	mg/L		08/09/24 04:51	08/09/24 21:37	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		08/09/24 04:51	08/09/24 21:37	1
Calcium	36		0.50	0.14	mg/L		08/09/24 04:51	08/09/24 21:37	1
Chromium	<0.0012		0.0020	0.0012	mg/L		08/09/24 04:51	08/09/24 21:37	1
Cobalt	0.0017	J	0.0025	0.00022	mg/L		08/09/24 04:51	08/09/24 21:37	1
Copper	<0.0011		0.0020	0.0011	mg/L		08/09/24 04:51	08/09/24 21:37	1
Lead	<0.00021		0.0010	0.00021	mg/L		08/09/24 04:51	08/09/24 21:37	1
Magnesium	19		0.50	0.023	mg/L		08/09/24 04:51	08/09/24 21:37	1
Nickel	0.00070	J	0.0010	0.00042	mg/L		08/09/24 04:51	08/09/24 21:37	1
Potassium	1.8		0.50	0.044	mg/L		08/09/24 04:51	08/09/24 21:37	1
Selenium	<0.00099		0.0050	0.00099	mg/L		08/09/24 04:51	08/09/24 21:37	1
Silver	<0.00039		0.0010	0.00039	mg/L		08/09/24 04:51	08/09/24 21:37	1
Sodium	43		0.50	0.20	mg/L		08/09/24 04:51	08/09/24 21:37	1
Thallium	<0.00026		0.0010	0.00026	mg/L		08/09/24 04:51	08/09/24 21:37	1
Vanadium	0.00069	J	0.0020	0.00063	mg/L		08/09/24 04:51	08/09/24 21:37	1
Zinc	<0.0028		0.0050	0.0028	mg/L		08/09/24 04:51	08/09/24 21:37	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		08/14/24 09:52	08/14/24 15:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	63		5.0	2.2	mg/L			08/15/24 22:20	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	63		5.0	5.0	mg/L			08/15/24 22:20	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			08/15/24 22:20	1
Total Dissolved Solids (SM 2540C-2011)	340		40	40	mg/L			08/13/24 10:43	1

QC Sample Results

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 680-254387-1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography

Lab Sample ID: MB 680-851923/11
Matrix: Water
Analysis Batch: 851923

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Chloride	<0.20		1.0	0.20	mg/L			08/17/24 13:25	1
Fluoride	<0.040		0.10	0.040	mg/L			08/17/24 13:25	1
Sulfate	<0.40		1.0	0.40	mg/L			08/17/24 13:25	1

Lab Sample ID: LCS 680-851923/12
Matrix: Water
Analysis Batch: 851923

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	2.00	1.96		mg/L		98	90 - 110
Sulfate	10.0	9.34		mg/L		93	90 - 110

Lab Sample ID: LCSD 680-851923/13
Matrix: Water
Analysis Batch: 851923

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Fluoride	2.00	1.97		mg/L		98	90 - 110	0	15
Sulfate	10.0	9.33		mg/L		93	90 - 110	0	15

Lab Sample ID: 680-254387-4 MS
Matrix: Water
Analysis Batch: 851923

Client Sample ID: SCH-SWC-6
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	<0.040		2.00	1.95		mg/L		97	80 - 120
Sulfate	0.85	J	10.0	10.3		mg/L		95	80 - 120

Lab Sample ID: 680-254387-4 MSD
Matrix: Water
Analysis Batch: 851923

Client Sample ID: SCH-SWC-6
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Fluoride	<0.040		2.00	1.95		mg/L		97	80 - 120	0	15
Sulfate	0.85	J	10.0	10.4		mg/L		96	80 - 120	1	15

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 680-850590/1-A
Matrix: Water
Analysis Batch: 850907

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 850590

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Antimony	<0.00034		0.0020	0.00034	mg/L		08/09/24 04:51	08/09/24 21:17	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		08/09/24 04:51	08/09/24 21:17	1
Barium	<0.00089		0.010	0.00089	mg/L		08/09/24 04:51	08/09/24 21:17	1

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QC Sample Results

Client: Southern Company
 Project/Site: Plant Scherer Surface Water

Job ID: 680-254387-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 680-850590/1-A
Matrix: Water
Analysis Batch: 850907

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 850590

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Beryllium	<0.00020		0.0025	0.00020	mg/L		08/09/24 04:51	08/09/24 21:17	1
Boron	<0.022		0.080	0.022	mg/L		08/09/24 04:51	08/09/24 21:17	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		08/09/24 04:51	08/09/24 21:17	1
Calcium	<0.14		0.50	0.14	mg/L		08/09/24 04:51	08/09/24 21:17	1
Chromium	<0.0012		0.0020	0.0012	mg/L		08/09/24 04:51	08/09/24 21:17	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		08/09/24 04:51	08/09/24 21:17	1
Copper	<0.0011		0.0020	0.0011	mg/L		08/09/24 04:51	08/09/24 21:17	1
Lead	<0.00021		0.0010	0.00021	mg/L		08/09/24 04:51	08/09/24 21:17	1
Magnesium	<0.023		0.50	0.023	mg/L		08/09/24 04:51	08/09/24 21:17	1
Nickel	<0.00042		0.0010	0.00042	mg/L		08/09/24 04:51	08/09/24 21:17	1
Potassium	<0.044		0.50	0.044	mg/L		08/09/24 04:51	08/09/24 21:17	1
Selenium	<0.00099		0.0050	0.00099	mg/L		08/09/24 04:51	08/09/24 21:17	1
Silver	<0.00039		0.0010	0.00039	mg/L		08/09/24 04:51	08/09/24 21:17	1
Sodium	<0.20		0.50	0.20	mg/L		08/09/24 04:51	08/09/24 21:17	1
Thallium	<0.00026		0.0010	0.00026	mg/L		08/09/24 04:51	08/09/24 21:17	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		08/09/24 04:51	08/09/24 21:17	1
Zinc	<0.0028		0.0050	0.0028	mg/L		08/09/24 04:51	08/09/24 21:17	1

Lab Sample ID: LCS 680-850590/2-A
Matrix: Water
Analysis Batch: 850907

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 850590

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Antimony	0.0500	0.0503		mg/L		101	80 - 120
Arsenic	0.100	0.103		mg/L		103	80 - 120
Barium	0.100	0.100		mg/L		100	80 - 120
Beryllium	0.0500	0.0518		mg/L		104	80 - 120
Boron	0.400	0.407		mg/L		102	80 - 120
Cadmium	0.0500	0.0520		mg/L		104	80 - 120
Calcium	5.00	5.02		mg/L		100	80 - 120
Chromium	0.100	0.101		mg/L		101	80 - 120
Cobalt	0.0500	0.0526		mg/L		105	80 - 120
Copper	0.101	0.106		mg/L		105	80 - 120
Lead	0.500	0.482		mg/L		96	80 - 120
Magnesium	5.00	5.03		mg/L		101	80 - 120
Nickel	0.100	0.104		mg/L		104	80 - 120
Potassium	7.00	7.25		mg/L		104	80 - 120
Selenium	0.100	0.102		mg/L		102	80 - 120
Silver	0.0500	0.0518		mg/L		104	80 - 120
Sodium	5.00	5.04		mg/L		101	80 - 120
Thallium	0.0500	0.0488		mg/L		98	80 - 120
Vanadium	0.100	0.0970		mg/L		97	80 - 120
Zinc	0.100	0.104		mg/L		104	80 - 120

QC Sample Results

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 680-254387-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-254379-B-2-B MS
Matrix: Water
Analysis Batch: 850907

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 850590

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec
	Result	Qualifier	Added	Result	Qualifier			Limits	Limits
Antimony	<0.00034		0.0500	0.0495		mg/L		99	75 - 125
Arsenic	<0.00086		0.100	0.101		mg/L		101	75 - 125
Barium	0.020		0.100	0.118		mg/L		99	75 - 125
Beryllium	<0.00020		0.0500	0.0517		mg/L		103	75 - 125
Boron	<0.022		0.400	0.416		mg/L		104	75 - 125
Cadmium	<0.000078		0.0500	0.0520		mg/L		104	75 - 125
Calcium	10		5.00	14.8		mg/L		87	75 - 125
Chromium	0.018		0.100	0.116		mg/L		98	75 - 125
Cobalt	0.00023	J	0.0500	0.0522		mg/L		104	75 - 125
Copper	<0.0011		0.101	0.106		mg/L		104	75 - 125
Lead	<0.00021		0.500	0.477		mg/L		95	75 - 125
Magnesium	5.8		5.00	10.4		mg/L		92	75 - 125
Nickel	0.0016		0.100	0.103		mg/L		102	75 - 125
Potassium	0.74		7.00	7.92		mg/L		103	75 - 125
Selenium	<0.00099		0.100	0.101		mg/L		101	75 - 125
Silver	<0.00039		0.0500	0.0520		mg/L		104	75 - 125
Sodium	6.6		5.00	11.2		mg/L		91	75 - 125
Thallium	<0.00026		0.0500	0.0487		mg/L		97	75 - 125
Vanadium	0.0054		0.100	0.102		mg/L		96	75 - 125
Zinc	0.0028	J	0.100	0.106		mg/L		103	75 - 125

Lab Sample ID: 680-254379-B-2-C MSD
Matrix: Water
Analysis Batch: 850907

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 850590

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier			Limits	Limits	RPD	Limit
Antimony	<0.00034		0.0500	0.0501		mg/L		100	75 - 125	1	20
Arsenic	<0.00086		0.100	0.101		mg/L		101	75 - 125	1	20
Barium	0.020		0.100	0.117		mg/L		98	75 - 125	1	20
Beryllium	<0.00020		0.0500	0.0517		mg/L		103	75 - 125	0	20
Boron	<0.022		0.400	0.406		mg/L		101	75 - 125	2	20
Cadmium	<0.000078		0.0500	0.0517		mg/L		103	75 - 125	1	20
Calcium	10		5.00	14.5		mg/L		80	75 - 125	2	20
Chromium	0.018		0.100	0.115		mg/L		97	75 - 125	1	20
Cobalt	0.00023	J	0.0500	0.0519		mg/L		103	75 - 125	1	20
Copper	<0.0011		0.101	0.105		mg/L		103	75 - 125	1	20
Lead	<0.00021		0.500	0.475		mg/L		95	75 - 125	0	20
Magnesium	5.8		5.00	10.2		mg/L		89	75 - 125	1	20
Nickel	0.0016		0.100	0.103		mg/L		101	75 - 125	1	20
Potassium	0.74		7.00	7.88		mg/L		102	75 - 125	1	20
Selenium	<0.00099		0.100	0.100		mg/L		100	75 - 125	1	20
Silver	<0.00039		0.0500	0.0512		mg/L		102	75 - 125	2	20
Sodium	6.6		5.00	11.1		mg/L		88	75 - 125	1	20
Thallium	<0.00026		0.0500	0.0482		mg/L		96	75 - 125	1	20
Vanadium	0.0054		0.100	0.100		mg/L		95	75 - 125	1	20
Zinc	0.0028	J	0.100	0.103		mg/L		100	75 - 125	3	20

QC Sample Results

Client: Southern Company
 Project/Site: Plant Scherer Surface Water

Job ID: 680-254387-1

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 680-851317/1-A
Matrix: Water
Analysis Batch: 851469

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 851317

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		08/14/24 09:52	08/14/24 14:54	1

Lab Sample ID: LCS 680-851317/2-A
Matrix: Water
Analysis Batch: 851469

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 851317

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00250	0.00252		mg/L		101	80 - 120

Lab Sample ID: 400-260482-E-1-G MS
Matrix: Water
Analysis Batch: 851469

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 851317

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.000080		0.00100	0.000973		mg/L		97	80 - 120

Lab Sample ID: 400-260482-E-1-H MSD
Matrix: Water
Analysis Batch: 851469

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 851317

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.000080		0.00100	0.000942		mg/L		94	80 - 120	3	20

Lab Sample ID: MB 680-851318/1-A
Matrix: Water
Analysis Batch: 851469

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 851318

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		08/14/24 09:55	08/14/24 15:55	1

Lab Sample ID: LCS 680-851318/2-A
Matrix: Water
Analysis Batch: 851469

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 851318

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00250	0.00255		mg/L		102	80 - 120

Lab Sample ID: 680-254374-D-5-C MS
Matrix: Water
Analysis Batch: 851469

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 851318

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.000080		0.00100	0.000989		mg/L		99	80 - 120

Lab Sample ID: 680-254374-D-5-D MSD
Matrix: Water
Analysis Batch: 851469

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 851318

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.000080		0.00100	0.00101		mg/L		101	80 - 120	2	20

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QC Sample Results

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 680-254387-1

Method: 2320B-2011 - Alkalinity, Total

Lab Sample ID: MB 680-851815/4
Matrix: Water
Analysis Batch: 851815

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<2.2		5.0	2.2	mg/L			08/15/24 18:43	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			08/15/24 18:43	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			08/15/24 18:43	1

Lab Sample ID: LCS 680-851815/6
Matrix: Water
Analysis Batch: 851815

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3 to pH 4.5	250	243		mg/L		97	90 - 112

Lab Sample ID: LCSD 680-851815/31
Matrix: Water
Analysis Batch: 851815

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	250	251		mg/L		100	90 - 112	3	30

Lab Sample ID: 680-254471-C-14 DU
Matrix: Water
Analysis Batch: 851815

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	50		44.5		mg/L		12	30
Bicarbonate Alkalinity as CaCO3	50		44.5		mg/L		12	30
Carbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	30

Method: 2540C-2011 - Total Dissolved Solids (Dried at 180 °C)

Lab Sample ID: MB 680-851112/1
Matrix: Water
Analysis Batch: 851112

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			08/13/24 10:43	1

Lab Sample ID: LCS 680-851112/2
Matrix: Water
Analysis Batch: 851112

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	2440	2490		mg/L		102	80 - 120

QC Sample Results

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 680-254387-1

Method: 2540C-2011 - Total Dissolved Solids (Dried at 180 °C) (Continued)

Lab Sample ID: LCSD 680-851112/3
Matrix: Water
Analysis Batch: 851112

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids	2440	2410		mg/L		99	80 - 120	3	25

Lab Sample ID: 680-254387-2 DU
Matrix: Water
Analysis Batch: 851112

Client Sample ID: SCH-SWA-3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	170		170		mg/L		1	5

Method: 410.4-1993 R2.0 - COD

Lab Sample ID: MB 680-851603/3
Matrix: Water
Analysis Batch: 851603

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chemical Oxygen Demand	<5.0		10	5.0	mg/L			08/15/24 11:31	1

Lab Sample ID: LCS 680-851603/4
Matrix: Water
Analysis Batch: 851603

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chemical Oxygen Demand	50.0	51.9		mg/L		104	90 - 110

Lab Sample ID: 680-254065-H-3 MS
Matrix: Water
Analysis Batch: 851603

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chemical Oxygen Demand	<5.0		50.0	50.0		mg/L		100	90 - 110

Lab Sample ID: 680-254065-H-3 MSD
Matrix: Water
Analysis Batch: 851603

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chemical Oxygen Demand	<5.0		50.0	49.0		mg/L		98	90 - 110	2	30

Method: 4500 CN E-2011 - Cyanide, Total: Colorimetric Method

Lab Sample ID: MB 680-851319/1-A
Matrix: Water
Analysis Batch: 851536

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 851319

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.0060		0.020	0.0060	mg/L		08/14/24 09:56	08/14/24 15:37	1

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QC Sample Results

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 680-254387-1

Method: 4500 CN E-2011 - Cyanide, Total: Colorimetric Method (Continued)

Lab Sample ID: LCS 680-851319/2-A
Matrix: Water
Analysis Batch: 851536

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 851319

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.0500	0.0487		mg/L		97	90 - 110

Lab Sample ID: 680-254387-1 MS
Matrix: Water
Analysis Batch: 851536

Client Sample ID: SCH-SWA-2
Prep Type: Total/NA
Prep Batch: 851319

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	<0.0060	F1	0.0500	0.0645	F1	mg/L		129	90 - 110

Lab Sample ID: 680-254387-1 MSD
Matrix: Water
Analysis Batch: 851536

Client Sample ID: SCH-SWA-2
Prep Type: Total/NA
Prep Batch: 851319

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	<0.0060	F1	0.0500	0.0593	F1	mg/L		119	90 - 110	8	20

Method: 5310 B-2011 - Organic Carbon, Total (TOC)

Lab Sample ID: MB 680-851558/1
Matrix: Water
Analysis Batch: 851558

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (TOC)	<0.50		1.0	0.50	mg/L			08/13/24 21:43	1

Lab Sample ID: LCS 680-851558/2
Matrix: Water
Analysis Batch: 851558

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Organic Carbon (TOC)	20.0	18.8		mg/L		94	80 - 120

Lab Sample ID: LCSD 680-851558/3
Matrix: Water
Analysis Batch: 851558

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Organic Carbon (TOC)	20.0	18.5		mg/L		92	80 - 120	2	25

Lab Sample ID: 680-254378-E-2 DU
Matrix: Water
Analysis Batch: 851558

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Organic Carbon (TOC)	<0.50		<0.50		mg/L		NC	25

QC Association Summary

Client: Southern Company
 Project/Site: Plant Scherer Surface Water

Job ID: 680-254387-1

HPLC/IC

Analysis Batch: 851923

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254387-1	SCH-SWA-2	Total/NA	Water	300.0-1993 R2.1	
680-254387-2	SCH-SWA-3	Total/NA	Water	300.0-1993 R2.1	
680-254387-3	SCH-SWC-4	Total/NA	Water	300.0-1993 R2.1	
680-254387-4	SCH-SWC-6	Total/NA	Water	300.0-1993 R2.1	
680-254387-5	SCH-SWC-7	Total/NA	Water	300.0-1993 R2.1	
680-254387-6	SCH-SWC-8	Total/NA	Water	300.0-1993 R2.1	
MB 680-851923/11	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-851923/12	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-851923/13	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
680-254387-4 MS	SCH-SWC-6	Total/NA	Water	300.0-1993 R2.1	
680-254387-4 MSD	SCH-SWC-6	Total/NA	Water	300.0-1993 R2.1	

Metals

Prep Batch: 850590

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254387-1	SCH-SWA-2	Total Recoverable	Water	3005A	
680-254387-2	SCH-SWA-3	Total Recoverable	Water	3005A	
680-254387-3	SCH-SWC-4	Total Recoverable	Water	3005A	
680-254387-4	SCH-SWC-6	Total Recoverable	Water	3005A	
680-254387-5	SCH-SWC-7	Total Recoverable	Water	3005A	
680-254387-6	SCH-SWC-8	Total Recoverable	Water	3005A	
MB 680-850590/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-850590/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
680-254379-B-2-B MS	Matrix Spike	Total Recoverable	Water	3005A	
680-254379-B-2-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Analysis Batch: 850907

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254387-1	SCH-SWA-2	Total Recoverable	Water	6020B	850590
680-254387-2	SCH-SWA-3	Total Recoverable	Water	6020B	850590
680-254387-3	SCH-SWC-4	Total Recoverable	Water	6020B	850590
680-254387-4	SCH-SWC-6	Total Recoverable	Water	6020B	850590
680-254387-5	SCH-SWC-7	Total Recoverable	Water	6020B	850590
680-254387-6	SCH-SWC-8	Total Recoverable	Water	6020B	850590
MB 680-850590/1-A	Method Blank	Total Recoverable	Water	6020B	850590
LCS 680-850590/2-A	Lab Control Sample	Total Recoverable	Water	6020B	850590
680-254379-B-2-B MS	Matrix Spike	Total Recoverable	Water	6020B	850590
680-254379-B-2-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	850590

Prep Batch: 851317

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254387-6	SCH-SWC-8	Total/NA	Water	7470A	
MB 680-851317/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-851317/2-A	Lab Control Sample	Total/NA	Water	7470A	
400-260482-E-1-G MS	Matrix Spike	Total/NA	Water	7470A	
400-260482-E-1-H MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Prep Batch: 851318

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254387-1	SCH-SWA-2	Total/NA	Water	7470A	

QC Association Summary

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 680-254387-1

Metals (Continued)

Prep Batch: 851318 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254387-2	SCH-SWA-3	Total/NA	Water	7470A	
680-254387-3	SCH-SWC-4	Total/NA	Water	7470A	
680-254387-4	SCH-SWC-6	Total/NA	Water	7470A	
680-254387-5	SCH-SWC-7	Total/NA	Water	7470A	
MB 680-851318/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-851318/2-A	Lab Control Sample	Total/NA	Water	7470A	
680-254374-D-5-C MS	Matrix Spike	Total/NA	Water	7470A	
680-254374-D-5-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 851469

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254387-1	SCH-SWA-2	Total/NA	Water	7470A	851318
680-254387-2	SCH-SWA-3	Total/NA	Water	7470A	851318
680-254387-3	SCH-SWC-4	Total/NA	Water	7470A	851318
680-254387-4	SCH-SWC-6	Total/NA	Water	7470A	851318
680-254387-5	SCH-SWC-7	Total/NA	Water	7470A	851318
680-254387-6	SCH-SWC-8	Total/NA	Water	7470A	851317
MB 680-851317/1-A	Method Blank	Total/NA	Water	7470A	851317
MB 680-851318/1-A	Method Blank	Total/NA	Water	7470A	851318
LCS 680-851317/2-A	Lab Control Sample	Total/NA	Water	7470A	851317
LCS 680-851318/2-A	Lab Control Sample	Total/NA	Water	7470A	851318
400-260482-E-1-G MS	Matrix Spike	Total/NA	Water	7470A	851317
400-260482-E-1-H MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	851317
680-254374-D-5-C MS	Matrix Spike	Total/NA	Water	7470A	851318
680-254374-D-5-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	851318

General Chemistry

Analysis Batch: 851112

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254387-1	SCH-SWA-2	Total/NA	Water	2540C-2011	
680-254387-2	SCH-SWA-3	Total/NA	Water	2540C-2011	
680-254387-3	SCH-SWC-4	Total/NA	Water	2540C-2011	
680-254387-4	SCH-SWC-6	Total/NA	Water	2540C-2011	
680-254387-5	SCH-SWC-7	Total/NA	Water	2540C-2011	
680-254387-6	SCH-SWC-8	Total/NA	Water	2540C-2011	
MB 680-851112/1	Method Blank	Total/NA	Water	2540C-2011	
LCS 680-851112/2	Lab Control Sample	Total/NA	Water	2540C-2011	
LCSD 680-851112/3	Lab Control Sample Dup	Total/NA	Water	2540C-2011	
680-254387-2 DU	SCH-SWA-3	Total/NA	Water	2540C-2011	

Prep Batch: 851319

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254387-1	SCH-SWA-2	Total/NA	Water	Distill/CN	
680-254387-2	SCH-SWA-3	Total/NA	Water	Distill/CN	
680-254387-5	SCH-SWC-7	Total/NA	Water	Distill/CN	
MB 680-851319/1-A	Method Blank	Total/NA	Water	Distill/CN	
LCS 680-851319/2-A	Lab Control Sample	Total/NA	Water	Distill/CN	
680-254387-1 MS	SCH-SWA-2	Total/NA	Water	Distill/CN	
680-254387-1 MSD	SCH-SWA-2	Total/NA	Water	Distill/CN	

QC Association Summary

Client: Southern Company
 Project/Site: Plant Scherer Surface Water

Job ID: 680-254387-1

General Chemistry

Analysis Batch: 851536

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254387-1	SCH-SWA-2	Total/NA	Water	4500 CN E-2011	851319
680-254387-2	SCH-SWA-3	Total/NA	Water	4500 CN E-2011	851319
680-254387-5	SCH-SWC-7	Total/NA	Water	4500 CN E-2011	851319
MB 680-851319/1-A	Method Blank	Total/NA	Water	4500 CN E-2011	851319
LCS 680-851319/2-A	Lab Control Sample	Total/NA	Water	4500 CN E-2011	851319
680-254387-1 MS	SCH-SWA-2	Total/NA	Water	4500 CN E-2011	851319
680-254387-1 MSD	SCH-SWA-2	Total/NA	Water	4500 CN E-2011	851319

Analysis Batch: 851558

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254387-1	SCH-SWA-2	Total/NA	Water	5310 B-2011	
680-254387-2	SCH-SWA-3	Total/NA	Water	5310 B-2011	
680-254387-5	SCH-SWC-7	Total/NA	Water	5310 B-2011	
MB 680-851558/1	Method Blank	Total/NA	Water	5310 B-2011	
LCS 680-851558/2	Lab Control Sample	Total/NA	Water	5310 B-2011	
LCSD 680-851558/3	Lab Control Sample Dup	Total/NA	Water	5310 B-2011	
680-254378-E-2 DU	Duplicate	Total/NA	Water	5310 B-2011	

Analysis Batch: 851603

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254387-1	SCH-SWA-2	Total/NA	Water	410.4-1993 R2.0	
680-254387-2	SCH-SWA-3	Total/NA	Water	410.4-1993 R2.0	
680-254387-5	SCH-SWC-7	Total/NA	Water	410.4-1993 R2.0	
MB 680-851603/3	Method Blank	Total/NA	Water	410.4-1993 R2.0	
LCS 680-851603/4	Lab Control Sample	Total/NA	Water	410.4-1993 R2.0	
680-254065-H-3 MS	Matrix Spike	Total/NA	Water	410.4-1993 R2.0	
680-254065-H-3 MSD	Matrix Spike Duplicate	Total/NA	Water	410.4-1993 R2.0	

Analysis Batch: 851815

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254387-1	SCH-SWA-2	Total/NA	Water	2320B-2011	
680-254387-2	SCH-SWA-3	Total/NA	Water	2320B-2011	
680-254387-3	SCH-SWC-4	Total/NA	Water	2320B-2011	
680-254387-4	SCH-SWC-6	Total/NA	Water	2320B-2011	
680-254387-5	SCH-SWC-7	Total/NA	Water	2320B-2011	
680-254387-6	SCH-SWC-8	Total/NA	Water	2320B-2011	
MB 680-851815/4	Method Blank	Total/NA	Water	2320B-2011	
LCS 680-851815/6	Lab Control Sample	Total/NA	Water	2320B-2011	
LCSD 680-851815/31	Lab Control Sample Dup	Total/NA	Water	2320B-2011	
680-254471-C-14 DU	Duplicate	Total/NA	Water	2320B-2011	

Lab Chronicle

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 680-254387-1

Client Sample ID: SCH-SWA-2

Lab Sample ID: 680-254387-1

Date Collected: 08/07/24 15:36

Matrix: Water

Date Received: 08/08/24 13:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		10	2 mL	2 mL	851923	08/17/24 16:36	BS	EET SAV
		Instrument ID: CICR								
Total Recoverable	Prep	3005A			25 mL	125 mL	850590	08/09/24 04:51	RR	EET SAV
Total Recoverable	Analysis	6020B		1			850907	08/09/24 21:50	BWR	EET SAV
		Instrument ID: ICPMSD								
Total/NA	Prep	7470A			50 mL	50 mL	851318	08/14/24 09:55	MG	EET SAV
Total/NA	Analysis	7470A		1			851469	08/14/24 16:43	BJB	EET SAV
		Instrument ID: QuickTrace3								
Total/NA	Analysis	2320B-2011		1			851815	08/15/24 21:54	PG	EET SAV
		Instrument ID: MANTECH 2								
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	851112	08/13/24 10:43	AS	EET SAV
		Instrument ID: NOEQUIP								
Total/NA	Analysis	410.4-1993 R2.0		1	2 mL	2 mL	851603	08/15/24 11:31	AF	EET SAV
		Instrument ID: SPC7								
Total/NA	Prep	Distill/CN			6 mL	6 mL	851319	08/14/24 09:56	JAS	EET SAV
Total/NA	Analysis	4500 CN E-2011		1			851536	08/14/24 16:31	JAS	EET SAV
		Instrument ID: SEAL 3								
Total/NA	Analysis	5310 B-2011		1	40 mL	40 mL	851558	08/14/24 00:54	NVF	EET SAV
		Instrument ID: TOC8								

Client Sample ID: SCH-SWA-3

Lab Sample ID: 680-254387-2

Date Collected: 08/07/24 12:13

Matrix: Water

Date Received: 08/08/24 13:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		5	2 mL	2 mL	851923	08/17/24 16:42	BS	EET SAV
		Instrument ID: CICR								
Total Recoverable	Prep	3005A			25 mL	125 mL	850590	08/09/24 04:51	RR	EET SAV
Total Recoverable	Analysis	6020B		1			850907	08/09/24 21:34	BWR	EET SAV
		Instrument ID: ICPMSD								
Total/NA	Prep	7470A			50 mL	50 mL	851318	08/14/24 09:55	MG	EET SAV
Total/NA	Analysis	7470A		1			851469	08/14/24 16:45	BJB	EET SAV
		Instrument ID: QuickTrace3								
Total/NA	Analysis	2320B-2011		1			851815	08/15/24 21:37	PG	EET SAV
		Instrument ID: MANTECH 2								
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	851112	08/13/24 10:43	AS	EET SAV
		Instrument ID: NOEQUIP								
Total/NA	Analysis	410.4-1993 R2.0		1	2 mL	2 mL	851603	08/15/24 11:31	AF	EET SAV
		Instrument ID: SPC7								
Total/NA	Prep	Distill/CN			6 mL	6 mL	851319	08/14/24 09:56	JAS	EET SAV
Total/NA	Analysis	4500 CN E-2011		1			851536	08/14/24 15:47	JAS	EET SAV
		Instrument ID: SEAL 3								
Total/NA	Analysis	5310 B-2011		1	40 mL	40 mL	851558	08/14/24 01:11	NVF	EET SAV
		Instrument ID: TOC8								

Eurofins Savannah

Lab Chronicle

Client: Southern Company
 Project/Site: Plant Scherer Surface Water

Job ID: 680-254387-1

Client Sample ID: SCH-SWC-4

Lab Sample ID: 680-254387-3

Date Collected: 08/07/24 10:00

Matrix: Water

Date Received: 08/08/24 13:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		5	2 mL	2 mL	851923	08/17/24 16:49	BS	EET SAV
Instrument ID: CICR										
Total Recoverable	Prep	3005A			25 mL	125 mL	850590	08/09/24 04:51	RR	EET SAV
Total Recoverable	Analysis	6020B		1			850907	08/09/24 21:42	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	851318	08/14/24 09:55	MG	EET SAV
Total/NA	Analysis	7470A		1			851469	08/14/24 16:23	BJB	EET SAV
Instrument ID: QuickTrace3										
Total/NA	Analysis	2320B-2011		1			851815	08/15/24 22:03	PG	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	851112	08/13/24 10:43	AS	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-SWC-6

Lab Sample ID: 680-254387-4

Date Collected: 08/07/24 11:06

Matrix: Water

Date Received: 08/08/24 13:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	2 mL	2 mL	851923	08/17/24 16:55	BS	EET SAV
Instrument ID: CICR										
Total Recoverable	Prep	3005A			25 mL	125 mL	850590	08/09/24 04:51	RR	EET SAV
Total Recoverable	Analysis	6020B		1			850907	08/09/24 21:31	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	851318	08/14/24 09:55	MG	EET SAV
Total/NA	Analysis	7470A		1			851469	08/14/24 16:32	BJB	EET SAV
Instrument ID: QuickTrace3										
Total/NA	Analysis	2320B-2011		1			851815	08/15/24 22:11	PG	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	851112	08/13/24 10:43	AS	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-SWC-7

Lab Sample ID: 680-254387-5

Date Collected: 08/07/24 11:26

Matrix: Water

Date Received: 08/08/24 13:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		5	2 mL	2 mL	851923	08/17/24 17:14	BS	EET SAV
Instrument ID: CICR										
Total Recoverable	Prep	3005A			25 mL	125 mL	850590	08/09/24 04:51	RR	EET SAV
Total Recoverable	Analysis	6020B		1			850907	08/09/24 21:39	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	851318	08/14/24 09:55	MG	EET SAV
Total/NA	Analysis	7470A		1			851469	08/14/24 16:30	BJB	EET SAV
Instrument ID: QuickTrace3										

Lab Chronicle

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 680-254387-1

Client Sample ID: SCH-SWC-7

Lab Sample ID: 680-254387-5

Date Collected: 08/07/24 11:26

Matrix: Water

Date Received: 08/08/24 13:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2320B-2011		1			851815	08/15/24 21:45	PG	EET SAV
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	851112	08/13/24 10:43	AS	EET SAV
		Instrument ID: NOEQUIP								
Total/NA	Analysis	410.4-1993 R2.0		1	2 mL	2 mL	851603	08/15/24 11:31	AF	EET SAV
		Instrument ID: SPC7								
Total/NA	Prep	Distill/CN			6 mL	6 mL	851319	08/14/24 09:56	JAS	EET SAV
Total/NA	Analysis	4500 CN E-2011		1			851536	08/14/24 15:49	JAS	EET SAV
		Instrument ID: SEAL 3								
Total/NA	Analysis	5310 B-2011		1	40 mL	40 mL	851558	08/14/24 01:31	NVF	EET SAV
		Instrument ID: TOC8								

Client Sample ID: SCH-SWC-8

Lab Sample ID: 680-254387-6

Date Collected: 08/07/24 12:51

Matrix: Water

Date Received: 08/08/24 13:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	2 mL	2 mL	851923	08/17/24 17:21	BS	EET SAV
		Instrument ID: CICR								
Total Recoverable	Prep	3005A			25 mL	125 mL	850590	08/09/24 04:51	RR	EET SAV
Total Recoverable	Analysis	6020B		1			850907	08/09/24 21:37	BWR	EET SAV
		Instrument ID: ICPMSD								
Total/NA	Prep	7470A			50 mL	50 mL	851317	08/14/24 09:52	MG	EET SAV
Total/NA	Analysis	7470A		1			851469	08/14/24 15:53	BJB	EET SAV
		Instrument ID: QuickTrace3								
Total/NA	Analysis	2320B-2011		1			851815	08/15/24 22:20	PG	EET SAV
		Instrument ID: MANTECH 2								
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	851112	08/13/24 10:43	AS	EET SAV
		Instrument ID: NOEQUIP								

Laboratory References:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Accreditation/Certification Summary

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 680-254387-1

Laboratory: Eurofins Savannah

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87052	06-30-25
Georgia	State	E87052	06-30-25

- 1
- 2
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- 11
- 12

Method Summary

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 680-254387-1

Method	Method Description	Protocol	Laboratory
300.0-1993 R2.1	Anions, Ion Chromatography	MCAWW	EET SAV
6020B	Metals (ICP/MS)	SW846	EET SAV
7470A	Mercury (CVAA)	SW846	EET SAV
2320B-2011	Alkalinity, Total	SM	EET SAV
2540C-2011	Total Dissolved Solids (Dried at 180 °C)	SM	EET SAV
410.4-1993 R2.0	COD	MCAWW	EET SAV
4500 CN E-2011	Cyanide, Total: Colorimetric Method	SM	EET SAV
5310 B-2011	Organic Carbon, Total (TOC)	SM	EET SAV
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET SAV
7470A	Preparation, Mercury	SW846	EET SAV
Distill/CN	Distillation, Cyanide	None	EET SAV

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

None = None

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Chain of Custody Record

Client Information					Sampler(s):		Lab PM / Phone:					Carrier Tracking No(s):				COC No:										
Client Contact: Joju Abraham					Mark Mann		David Fuller / 770-344-8986																			
Company: Southern Company					Site-Project Manager / Phone: Dawn Prell / 248-536-5445		E-Mail: David.Fuller@et.eurofinsus.com					State of Origin: GA				Page: Page 1 of 1										
Address: 241 Ralph McGill Blvd SE B10185					Due Date Requested:		Analysis Requested																Job #:			
City: Atlanta					TAT Requested (days): 2 weeks		Field Filtered Sample (Yes or No) Perform MS/MSD (Yes or No) 300_ORGFM_280 - Chloride, Fluoride, Sulfate 2540C - Solids, Total Dissolved (TDS) 6020B - App III, State (15) Metals + Cations (Mg, K, Na) 7470A - Mercury 2320B - Alkalinity, Total, Carb/Bicarb 410.4 - Chemical Oxygen Demand 4500_CN_E - Cyanide, Total 5310C - TOC																Preservation Codes:			
State, Zip: GA, 30308					Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No																		A - HCL M - Hexane			
Phone:					Lab Project #: (DO NOT REMOVE) 68027798																		B - NaOH N - None			
Email: JAbraham@southernco.com					Lab PO #: GPC82130-0006 / PO Line #3 & #4																		C - Zn Acetate O - AsNaO2			
Project Name: Plant Scherer Surface Water					Project #:		D - Nitric Acid P - Na2O4S																			
Site:							E - NaHSO4 Q - Na2SO3																			
							F - MeOH R - Na2S2O3																			
							G - Amchlor S - H2SO4																			
							H - Ascorbic Acid T - TSP Dodecahydrate																			
							I - Ice U - Acetone																			
							J - DI Water V - MCAA																			
							K - EDTA W - pH 4-5																			
							L - EDA Y - Trizma																			
							Z - other (specify)																			
							Other:																			
							Task_Code: SCH-CSURF-ASSMT-2024S2																			
							Special Instructions/Notes:																			
Sample Identification					Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=water/oil, BT=Tissue, A=Air)	Total Number of containers																	
SCH-SWA-2					8/7/24	15:36	G	WS	N	N	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	8
SCH-SWA-3					8/7/24	12:13	G	WS	N	N	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	8
SCH-SWC-4					8/7/24	10:00	G	WS	N	N	X	X	X	X	X											4
SCH-SWC-6					8/7/24	11:06	G	WS	N	N	X	X	X	X	X											4
SCH-SWC-7					8/7/24	11:26	G	WS	N	N	X	X	X	X	X	X	X	X	X							8
SCH-SWC-8					8/7/24	12:51	G	WS	N	N	X	X	X	X	X											4

680-254387 Chain of Custody

Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Ammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Flammable <input type="checkbox"/> Corrosive <input type="checkbox"/> Radiochemical					Sample Disposal (A fee may be assessed if...) <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months																			
Deliverable Requested: I, II, III, IV, Other (specify)																								
Empty Kit Relinquished by:					Date:				Time:				Method of Shipment:											
Relinquished by: MARK MANN / <i>[Signature]</i>					Date/Time: 08/08/24 0835				Company: WSP				Received by: <i>[Signature]</i>				Date/Time: 08/08/24 0835				Company: COURTESY			
Relinquished by:					Date/Time:				Company:				Received By:				Date/Time:				Company:			
Relinquished by:					Date/Time:				Company:				Received by:				Date/Time:				Company:			
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No					Custody Seal No.:					Cooler Temperature(s) °C and Other Remarks: 23/23														

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-254387-1

Login Number: 254387

List Number: 1

Creator: Munro, Caroline

List Source: Eurofins Savannah

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	





ANALYTICAL REPORT

PREPARED FOR

Attn: Joju Abraham
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Generated 8/15/2024 1:13:58 PM

JOB DESCRIPTION

CCR - Plant Scherer Effluent

JOB NUMBER

680-254386-1

Eurofins Savannah

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization



Authorized for release by
David Fuller, Project Manager
David.Fuller@et.eurofinsus.com
(770)344-8986

Generated
8/15/2024 1:13:58 PM

Definitions/Glossary

Client: Southern Company
Project/Site: CCR - Plant Scherer Effluent

Job ID: 680-254386-1

Qualifiers

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Sample Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Effluent

Job ID: 680-254386-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-254386-1	SCH-FGD-Effluent	Water	08/07/24 14:01	08/08/24 13:15

1

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Case Narrative

Client: Southern Company
Project: CCR - Plant Scherer Effluent

Job ID: 680-254386-1

Job ID: 680-254386-1

Eurofins Savannah

Job Narrative 680-254386-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Receipt

The sample was received on 8/8/2024 1:15 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.3°C.

Metals

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Savannah

Client Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer Effluent

Job ID: 680-254386-1

Client Sample ID: SCH-FGD-Effluent

Lab Sample ID: 680-254386-1

Date Collected: 08/07/24 14:01

Matrix: Water

Date Received: 08/08/24 13:15

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.0086		0.0020	0.00034	mg/L		08/09/24 04:51	08/09/24 21:53	1
Arsenic	0.041		0.0010	0.00086	mg/L		08/09/24 04:51	08/09/24 21:53	1
Barium	0.19		0.010	0.00089	mg/L		08/09/24 04:51	08/09/24 21:53	1
Beryllium	0.0021	J	0.0025	0.00020	mg/L		08/09/24 04:51	08/09/24 21:53	1
Cadmium	0.19		0.0025	0.000078	mg/L		08/09/24 04:51	08/09/24 21:53	1
Chromium	0.68		0.0020	0.0012	mg/L		08/09/24 04:51	08/09/24 21:53	1
Cobalt	0.048		0.0025	0.00022	mg/L		08/09/24 04:51	08/09/24 21:53	1
Copper	0.27		0.0020	0.0011	mg/L		08/09/24 04:51	08/09/24 21:53	1
Lead	0.030		0.0010	0.00021	mg/L		08/09/24 04:51	08/09/24 21:53	1
Nickel	1.5		0.0010	0.00042	mg/L		08/09/24 04:51	08/09/24 21:53	1
Selenium	0.24		0.0050	0.00099	mg/L		08/09/24 04:51	08/09/24 21:53	1
Silver	0.00043	J	0.0010	0.00039	mg/L		08/09/24 04:51	08/09/24 21:53	1
Thallium	0.0018		0.0010	0.00026	mg/L		08/09/24 04:51	08/09/24 21:53	1
Vanadium	0.28		0.0020	0.00063	mg/L		08/09/24 04:51	08/09/24 21:53	1
Zinc	4.2		0.0050	0.0028	mg/L		08/09/24 04:51	08/09/24 21:53	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00027		0.00020	0.000080	mg/L		08/14/24 09:55	08/14/24 16:54	1

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Effluent

Job ID: 680-254386-1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 680-850590/1-A
Matrix: Water
Analysis Batch: 850907

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 850590

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Antimony	<0.00034		0.0020	0.00034	mg/L		08/09/24 04:51	08/09/24 21:17	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		08/09/24 04:51	08/09/24 21:17	1
Barium	<0.00089		0.010	0.00089	mg/L		08/09/24 04:51	08/09/24 21:17	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		08/09/24 04:51	08/09/24 21:17	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		08/09/24 04:51	08/09/24 21:17	1
Chromium	<0.0012		0.0020	0.0012	mg/L		08/09/24 04:51	08/09/24 21:17	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		08/09/24 04:51	08/09/24 21:17	1
Copper	<0.0011		0.0020	0.0011	mg/L		08/09/24 04:51	08/09/24 21:17	1
Lead	<0.00021		0.0010	0.00021	mg/L		08/09/24 04:51	08/09/24 21:17	1
Nickel	<0.00042		0.0010	0.00042	mg/L		08/09/24 04:51	08/09/24 21:17	1
Selenium	<0.00099		0.0050	0.00099	mg/L		08/09/24 04:51	08/09/24 21:17	1
Silver	<0.00039		0.0010	0.00039	mg/L		08/09/24 04:51	08/09/24 21:17	1
Thallium	<0.00026		0.0010	0.00026	mg/L		08/09/24 04:51	08/09/24 21:17	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		08/09/24 04:51	08/09/24 21:17	1
Zinc	<0.0028		0.0050	0.0028	mg/L		08/09/24 04:51	08/09/24 21:17	1

Lab Sample ID: LCS 680-850590/2-A
Matrix: Water
Analysis Batch: 850907

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 850590

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Antimony	0.0500	0.0503		mg/L		101	80 - 120
Arsenic	0.100	0.103		mg/L		103	80 - 120
Barium	0.100	0.100		mg/L		100	80 - 120
Beryllium	0.0500	0.0518		mg/L		104	80 - 120
Cadmium	0.0500	0.0520		mg/L		104	80 - 120
Chromium	0.100	0.101		mg/L		101	80 - 120
Cobalt	0.0500	0.0526		mg/L		105	80 - 120
Copper	0.101	0.106		mg/L		105	80 - 120
Lead	0.500	0.482		mg/L		96	80 - 120
Nickel	0.100	0.104		mg/L		104	80 - 120
Selenium	0.100	0.102		mg/L		102	80 - 120
Silver	0.0500	0.0518		mg/L		104	80 - 120
Thallium	0.0500	0.0488		mg/L		98	80 - 120
Vanadium	0.100	0.0970		mg/L		97	80 - 120
Zinc	0.100	0.104		mg/L		104	80 - 120

Lab Sample ID: 680-254379-B-2-B MS
Matrix: Water
Analysis Batch: 850907

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 850590

Analyte	Sample	Sample	Spike Added	MS	MS	Unit	D	%Rec	%Rec Limits
	Result	Qualifier		Result	Qualifier				
Antimony	<0.00034		0.0500	0.0495		mg/L		99	75 - 125
Arsenic	<0.00086		0.100	0.101		mg/L		101	75 - 125
Barium	0.020		0.100	0.118		mg/L		99	75 - 125
Beryllium	<0.00020		0.0500	0.0517		mg/L		103	75 - 125
Cadmium	<0.000078		0.0500	0.0520		mg/L		104	75 - 125
Chromium	0.018		0.100	0.116		mg/L		98	75 - 125
Cobalt	0.00023	J	0.0500	0.0522		mg/L		104	75 - 125

Eurofins Savannah

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Effluent

Job ID: 680-254386-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-254379-B-2-B MS
Matrix: Water
Analysis Batch: 850907

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 850590

Analyte	Sample	Sample	Spike	MS		Unit	D	%Rec	%Rec	
	Result	Qualifier		Result	Qualifier				Limits	Limits
Copper	<0.0011		0.101	0.106		mg/L		104	75 - 125	
Lead	<0.00021		0.500	0.477		mg/L		95	75 - 125	
Nickel	0.0016		0.100	0.103		mg/L		102	75 - 125	
Selenium	<0.00099		0.100	0.101		mg/L		101	75 - 125	
Silver	<0.00039		0.0500	0.0520		mg/L		104	75 - 125	
Thallium	<0.00026		0.0500	0.0487		mg/L		97	75 - 125	
Vanadium	0.0054		0.100	0.102		mg/L		96	75 - 125	
Zinc	0.0028	J	0.100	0.106		mg/L		103	75 - 125	

Lab Sample ID: 680-254379-B-2-C MSD
Matrix: Water
Analysis Batch: 850907

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 850590

Analyte	Sample	Sample	Spike	MSD		Unit	D	%Rec	%Rec		RPD	
	Result	Qualifier		Result	Qualifier				Limits	Limits	RPD	Limit
Antimony	<0.00034		0.0500	0.0501		mg/L		100	75 - 125	1	20	
Arsenic	<0.00086		0.100	0.101		mg/L		101	75 - 125	1	20	
Barium	0.020		0.100	0.117		mg/L		98	75 - 125	1	20	
Beryllium	<0.00020		0.0500	0.0517		mg/L		103	75 - 125	0	20	
Cadmium	<0.000078		0.0500	0.0517		mg/L		103	75 - 125	1	20	
Chromium	0.018		0.100	0.115		mg/L		97	75 - 125	1	20	
Cobalt	0.00023	J	0.0500	0.0519		mg/L		103	75 - 125	1	20	
Copper	<0.0011		0.101	0.105		mg/L		103	75 - 125	1	20	
Lead	<0.00021		0.500	0.475		mg/L		95	75 - 125	0	20	
Nickel	0.0016		0.100	0.103		mg/L		101	75 - 125	1	20	
Selenium	<0.00099		0.100	0.100		mg/L		100	75 - 125	1	20	
Silver	<0.00039		0.0500	0.0512		mg/L		102	75 - 125	2	20	
Thallium	<0.00026		0.0500	0.0482		mg/L		96	75 - 125	1	20	
Vanadium	0.0054		0.100	0.100		mg/L		95	75 - 125	1	20	
Zinc	0.0028	J	0.100	0.103		mg/L		100	75 - 125	3	20	

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 680-851318/1-A
Matrix: Water
Analysis Batch: 851469

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 851318

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	<0.000080		0.00020	0.000080	mg/L		08/14/24 09:55	08/14/24 15:55	1

Lab Sample ID: LCS 680-851318/2-A
Matrix: Water
Analysis Batch: 851469

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 851318

Analyte	Spike	LCS LCS		Unit	D	%Rec	%Rec	
		Added	Result				Qualifier	Limits
Mercury	0.00250	0.00255		mg/L		102	80 - 120	

QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer Effluent

Job ID: 680-254386-1

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: 680-254374-D-5-C MS
Matrix: Water
Analysis Batch: 851469

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 851318

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.000080		0.00100	0.000989		mg/L		99	80 - 120

Lab Sample ID: 680-254374-D-5-D MSD
Matrix: Water
Analysis Batch: 851469

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 851318

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.000080		0.00100	0.00101		mg/L		101	80 - 120	2	20



QC Association Summary

Client: Southern Company
 Project/Site: CCR - Plant Scherer Effluent

Job ID: 680-254386-1

Metals

Prep Batch: 850590

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254386-1	SCH-FGD-Effluent	Total Recoverable	Water	3005A	
MB 680-850590/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-850590/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
680-254379-B-2-B MS	Matrix Spike	Total Recoverable	Water	3005A	
680-254379-B-2-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Analysis Batch: 850907

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254386-1	SCH-FGD-Effluent	Total Recoverable	Water	6020B	850590
MB 680-850590/1-A	Method Blank	Total Recoverable	Water	6020B	850590
LCS 680-850590/2-A	Lab Control Sample	Total Recoverable	Water	6020B	850590
680-254379-B-2-B MS	Matrix Spike	Total Recoverable	Water	6020B	850590
680-254379-B-2-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	850590

Prep Batch: 851318

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254386-1	SCH-FGD-Effluent	Total/NA	Water	7470A	
MB 680-851318/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-851318/2-A	Lab Control Sample	Total/NA	Water	7470A	
680-254374-D-5-C MS	Matrix Spike	Total/NA	Water	7470A	
680-254374-D-5-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 851469

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254386-1	SCH-FGD-Effluent	Total/NA	Water	7470A	851318
MB 680-851318/1-A	Method Blank	Total/NA	Water	7470A	851318
LCS 680-851318/2-A	Lab Control Sample	Total/NA	Water	7470A	851318
680-254374-D-5-C MS	Matrix Spike	Total/NA	Water	7470A	851318
680-254374-D-5-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	851318

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Effluent

Job ID: 680-254386-1

Client Sample ID: SCH-FGD-Effluent

Lab Sample ID: 680-254386-1

Date Collected: 08/07/24 14:01

Matrix: Water

Date Received: 08/08/24 13:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			25 mL	125 mL	850590	08/09/24 04:51	RR	EET SAV
Total Recoverable	Analysis	6020B		1			850907	08/09/24 21:53	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	851318	08/14/24 09:55	MG	EET SAV
Total/NA	Analysis	7470A		1			851469	08/14/24 16:54	BJB	EET SAV
Instrument ID: QuickTrace3										

Laboratory References:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858



Accreditation/Certification Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Effluent

Job ID: 680-254386-1

Laboratory: Eurofins Savannah

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87052	06-30-25
Georgia	State	E87052	06-30-25

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12

Method Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Effluent

Job ID: 680-254386-1

Method	Method Description	Protocol	Laboratory
6020B	Metals (ICP/MS)	SW846	EET SAV
7470A	Mercury (CVAA)	SW846	EET SAV
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET SAV
7470A	Preparation, Mercury	SW846	EET SAV

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858



Eurofins Savannah

5102 LaRoche Avenue
 Savannah, GA 31404
 Phone (912) 354-7858 Phone (912) 352-0165

Chain of Custody Record



Environment Testing

Client Information		Sampler(s): Mark Mann	Lab PM / Phone: David Fuller / 770-344-8986	Carrier Tracking No(s):	COC No:																																																																																																																																																																																																																																																																																																		
Client Contact: Joju Abraham		Site-Project Manager / Phone: Dawn Prell / 248-536-5445	E-Mail: David.Fuller@et.eurofins.us.com	State of Origin: GA	Page: Page 1 of 1																																																																																																																																																																																																																																																																																																		
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Address: 241 Ralph McGill Blvd SE B10185		Due Date Requested:		<table border="0" style="width:100%;"> <tr> <td colspan="2">Preservation Codes:</td> </tr> <tr> <td style="font-size: small;">A - HCL</td> <td>M - Hexane</td> </tr> <tr> <td style="font-size: small;">B - NaOH</td> <td>N - None</td> </tr> <tr> <td style="font-size: small;">C - Zn Acetate</td> <td>O - AsNaO2</td> </tr> <tr> <td style="font-size: small;">D - Nitric Acid</td> <td>P - Na2O4S</td> </tr> <tr> <td style="font-size: small;">E - NaHSO4</td> <td>Q - Na2SO3</td> </tr> <tr> <td style="font-size: small;">F - MeOH</td> <td>R - Na2S2O3</td> </tr> <tr> <td style="font-size: small;">G - Amchlor</td> <td>S - H2SO4</td> </tr> <tr> <td style="font-size: small;">H - Ascorbic Acid</td> <td>T - TSP Dodecahydrate</td> </tr> <tr> <td style="font-size: small;">I - Ice</td> <td>U - Acetone</td> </tr> <tr> <td style="font-size: small;">J - DI Water</td> <td>V - MCAA</td> </tr> <tr> <td style="font-size: small;">K - EDTA</td> <td>W - pH 4-5</td> </tr> <tr> <td style="font-size: small;">L - EDA</td> <td>Y - Trizma</td> </tr> <tr> <td colspan="2">Z - other (specify)</td> </tr> <tr> <td colspan="2">Other:</td> </tr> </table>		Preservation Codes:		A - HCL	M - Hexane	B - NaOH	N - None	C - Zn Acetate	O - AsNaO2	D - Nitric Acid	P - Na2O4S	E - NaHSO4	Q - Na2SO3	F - MeOH	R - Na2S2O3	G - Amchlor	S - H2SO4	H - Ascorbic Acid	T - TSP Dodecahydrate	I - Ice	U - Acetone	J - DI Water	V - MCAA	K - EDTA	W - pH 4-5	L - EDA	Y - Trizma	Z - other (specify)		Other:																																																																																																																																																																																																																																																																					
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<p>Possible Hazard Identification</p> <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological	<p>Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)</p> <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify)	Special Instructions/QC Requirements:

Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:	
Relinquished by: MARK MANN / [Signature]	Date/Time: 08/08/24 0835	Company: WSP	Received by: [Signature]	Date/Time: 08/08/24 0835	Company: COURIER NOW	Cooler Temperature(s) °C and Other Remarks: 2.3/2.3	
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:		
Relinquished by:	Date/Time:	Company:	Received by: [Signature]	Date/Time: 8/8/24 1315	Company: EMERSON		
Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:						

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-254386-1

Login Number: 254386

List Number: 1

Creator: Munro, Caroline

List Source: Eurofins Savannah

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	





ANALYTICAL REPORT

PREPARED FOR

Attn: Joju Abraham
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Generated 8/19/2024 4:06:49 PM

JOB DESCRIPTION

CCR - Plant Scherer Cell 3

JOB NUMBER

680-254374-1

Eurofins Savannah

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization



Authorized for release by
David Fuller, Project Manager
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(770)344-8986

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Definitions/Glossary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254374-1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
▫	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Sample Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254374-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-254374-1	SCH-GWC-30	Water	08/07/24 09:10	08/08/24 13:15
680-254374-2	SCH-GWC-31	Water	08/07/24 11:35	08/08/24 13:15
680-254374-3	SCH-GWA-41	Water	08/07/24 12:45	08/08/24 13:15
680-254374-4	SCH-GWA-42	Water	08/07/24 10:39	08/08/24 13:15
680-254374-5	SCH-GWA-43	Water	08/07/24 15:33	08/08/24 13:15
680-254374-6	SCH-CELL3-FD-9	Water	08/07/24 00:00	08/08/24 13:15
680-254374-7	SCH-CELL3-FD-10	Water	08/07/24 00:00	08/08/24 13:15
680-254374-8	SCH-CELL3-FB-9	Water	08/07/24 12:37	08/08/24 13:15
680-254374-9	SCH-CELL3-FB-10	Water	08/07/24 10:39	08/08/24 13:15
680-254374-10	SCH-GWA-44A	Water	08/07/24 14:22	08/08/24 13:15
680-254374-11	SCH-GWC-32	Water	08/07/24 15:45	08/08/24 13:15



Case Narrative

Client: Southern Company
Project: CCR - Plant Scherer Cell 3

Job ID: 680-254374-1

Job ID: 680-254374-1

Eurofins Savannah

Job Narrative 680-254374-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Receipt

The samples were received on 8/8/2024 1:15 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 4 coolers at receipt time were 1.6°C, 1.9°C, 3.1°C and 3.5°C.

HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry

Method 2540C: A lesser volume of sample was used for the following samples due to the nature of the sample matrix resulting in elevated reporting limits: SCH-GWC-30 (680-254374-1), SCH-GWA-42 (680-254374-4) and SCH-GWA-43 (680-254374-5).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254374-1

Client Sample ID: SCH-GWC-30

Lab Sample ID: 680-254374-1

Date Collected: 08/07/24 09:10

Matrix: Water

Date Received: 08/08/24 13:15

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	4.4		1.0	0.40	mg/L			08/16/24 15:42	1
Fluoride	0.056	J	0.10	0.040	mg/L			08/16/24 15:42	1
Chloride	7.7		1.0	0.20	mg/L			08/16/24 15:42	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		08/09/24 04:51	08/09/24 18:57	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		08/09/24 04:51	08/09/24 18:57	1
Barium	0.029		0.010	0.00089	mg/L		08/09/24 04:51	08/09/24 18:57	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		08/09/24 04:51	08/09/24 18:57	1
Boron	<0.022		0.080	0.022	mg/L		08/09/24 04:51	08/09/24 18:57	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		08/09/24 04:51	08/09/24 18:57	1
Calcium	21		0.50	0.14	mg/L		08/09/24 04:51	08/09/24 18:57	1
Chromium	0.0027		0.0020	0.0012	mg/L		08/09/24 04:51	08/09/24 18:57	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		08/09/24 04:51	08/09/24 18:57	1
Copper	0.0013	J	0.0020	0.0011	mg/L		08/09/24 04:51	08/09/24 18:57	1
Lead	<0.00021		0.0010	0.00021	mg/L		08/09/24 04:51	08/09/24 18:57	1
Lithium	0.0020	J	0.0050	0.0020	mg/L		08/09/24 04:51	08/09/24 18:57	1
Magnesium	10		0.50	0.023	mg/L		08/09/24 04:51	08/09/24 18:57	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		08/09/24 04:51	08/09/24 18:57	1
Nickel	0.0011		0.0010	0.00042	mg/L		08/09/24 04:51	08/09/24 18:57	1
Potassium	1.2		0.50	0.044	mg/L		08/09/24 04:51	08/09/24 18:57	1
Selenium	<0.00099		0.0050	0.00099	mg/L		08/09/24 04:51	08/09/24 18:57	1
Silver	<0.00039		0.0010	0.00039	mg/L		08/09/24 04:51	08/09/24 18:57	1
Sodium	10		0.50	0.20	mg/L		08/09/24 04:51	08/09/24 18:57	1
Thallium	<0.00026		0.0010	0.00026	mg/L		08/09/24 04:51	08/09/24 18:57	1
Vanadium	0.0097		0.0020	0.00063	mg/L		08/09/24 04:51	08/09/24 18:57	1
Zinc	<0.0028		0.0050	0.0028	mg/L		08/09/24 04:51	08/09/24 18:57	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		08/14/24 09:52	08/14/24 15:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	110		5.0	2.2	mg/L			08/15/24 15:41	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	110		5.0	5.0	mg/L			08/15/24 15:41	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			08/15/24 15:41	1
Total Dissolved Solids (SM 2540C-2011)	160		40	40	mg/L			08/13/24 08:45	1

Client Sample ID: SCH-GWC-31

Lab Sample ID: 680-254374-2

Date Collected: 08/07/24 11:35

Matrix: Water

Date Received: 08/08/24 13:15

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	2.0		1.0	0.40	mg/L			08/16/24 15:52	1
Fluoride	0.11		0.10	0.040	mg/L			08/16/24 15:52	1

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Client Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254374-1

Client Sample ID: SCH-GWC-31

Lab Sample ID: 680-254374-2

Date Collected: 08/07/24 11:35

Matrix: Water

Date Received: 08/08/24 13:15

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.0		1.0	0.20	mg/L			08/16/24 15:52	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		08/09/24 04:51	08/09/24 22:23	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		08/09/24 04:51	08/09/24 22:23	1
Barium	0.013		0.010	0.00089	mg/L		08/09/24 04:51	08/09/24 22:23	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		08/09/24 04:51	08/09/24 22:23	1
Boron	0.033	J	0.080	0.022	mg/L		08/09/24 04:51	08/09/24 22:23	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		08/09/24 04:51	08/09/24 22:23	1
Calcium	16		0.50	0.14	mg/L		08/09/24 04:51	08/09/24 22:23	1
Chromium	0.0029		0.0020	0.0012	mg/L		08/09/24 04:51	08/09/24 22:23	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		08/09/24 04:51	08/09/24 22:23	1
Copper	<0.0011		0.0020	0.0011	mg/L		08/09/24 04:51	08/09/24 22:23	1
Lead	<0.00021		0.0010	0.00021	mg/L		08/09/24 04:51	08/09/24 22:23	1
Lithium	<0.0020		0.0050	0.0020	mg/L		08/09/24 04:51	08/09/24 22:23	1
Magnesium	7.9		0.50	0.023	mg/L		08/09/24 04:51	08/09/24 22:23	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		08/09/24 04:51	08/09/24 22:23	1
Nickel	<0.00042		0.0010	0.00042	mg/L		08/09/24 04:51	08/09/24 22:23	1
Potassium	1.0		0.50	0.044	mg/L		08/09/24 04:51	08/09/24 22:23	1
Selenium	<0.00099		0.0050	0.00099	mg/L		08/09/24 04:51	08/09/24 22:23	1
Silver	<0.00039		0.0010	0.00039	mg/L		08/09/24 04:51	08/09/24 22:23	1
Sodium	15		0.50	0.20	mg/L		08/09/24 04:51	08/09/24 22:23	1
Thallium	<0.00026		0.0010	0.00026	mg/L		08/09/24 04:51	08/09/24 22:23	1
Vanadium	0.014		0.0020	0.00063	mg/L		08/09/24 04:51	08/09/24 22:23	1
Zinc	<0.0028		0.0050	0.0028	mg/L		08/09/24 04:51	08/09/24 22:23	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		08/14/24 09:52	08/14/24 15:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	100		5.0	2.2	mg/L			08/15/24 14:07	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	100		5.0	5.0	mg/L			08/15/24 14:07	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			08/15/24 14:07	1
Total Dissolved Solids (SM 2540C-2011)	150		10	10	mg/L			08/13/24 08:45	1

Client Sample ID: SCH-GWA-41

Lab Sample ID: 680-254374-3

Date Collected: 08/07/24 12:45

Matrix: Water

Date Received: 08/08/24 13:15

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			08/16/24 16:01	1
Fluoride	0.046	J	0.10	0.040	mg/L			08/16/24 16:01	1
Chloride	3.2		1.0	0.20	mg/L			08/16/24 16:01	1

Eurofins Savannah

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254374-1

Client Sample ID: SCH-GWA-41

Lab Sample ID: 680-254374-3

Date Collected: 08/07/24 12:45

Matrix: Water

Date Received: 08/08/24 13:15

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		08/09/24 04:51	08/09/24 18:52	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		08/09/24 04:51	08/09/24 18:52	1
Barium	0.016		0.010	0.00089	mg/L		08/09/24 04:51	08/09/24 18:52	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		08/09/24 04:51	08/09/24 18:52	1
Boron	<0.022		0.080	0.022	mg/L		08/09/24 04:51	08/09/24 18:52	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		08/09/24 04:51	08/09/24 18:52	1
Calcium	16		0.50	0.14	mg/L		08/09/24 04:51	08/09/24 18:52	1
Chromium	0.0056		0.0020	0.0012	mg/L		08/09/24 04:51	08/09/24 18:52	1
Cobalt	0.00065	J	0.0025	0.00022	mg/L		08/09/24 04:51	08/09/24 18:52	1
Copper	<0.0011		0.0020	0.0011	mg/L		08/09/24 04:51	08/09/24 18:52	1
Lead	<0.00021		0.0010	0.00021	mg/L		08/09/24 04:51	08/09/24 18:52	1
Lithium	<0.0020		0.0050	0.0020	mg/L		08/09/24 04:51	08/09/24 18:52	1
Magnesium	7.1		0.50	0.023	mg/L		08/09/24 04:51	08/09/24 18:52	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		08/09/24 04:51	08/09/24 18:52	1
Nickel	0.0013		0.0010	0.00042	mg/L		08/09/24 04:51	08/09/24 18:52	1
Potassium	0.72		0.50	0.044	mg/L		08/09/24 04:51	08/09/24 18:52	1
Selenium	<0.00099		0.0050	0.00099	mg/L		08/09/24 04:51	08/09/24 18:52	1
Silver	<0.00039		0.0010	0.00039	mg/L		08/09/24 04:51	08/09/24 18:52	1
Sodium	12		0.50	0.20	mg/L		08/09/24 04:51	08/09/24 18:52	1
Thallium	<0.00026		0.0010	0.00026	mg/L		08/09/24 04:51	08/09/24 18:52	1
Vanadium	0.0071		0.0020	0.00063	mg/L		08/09/24 04:51	08/09/24 18:52	1
Zinc	<0.0028		0.0050	0.0028	mg/L		08/09/24 04:51	08/09/24 18:52	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		08/14/24 09:55	08/14/24 16:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	90		5.0	2.2	mg/L			08/15/24 14:30	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	90		5.0	5.0	mg/L			08/15/24 14:30	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			08/15/24 14:30	1
Total Dissolved Solids (SM 2540C-2011)	140		10	10	mg/L			08/13/24 08:45	1

Client Sample ID: SCH-GWA-42

Lab Sample ID: 680-254374-4

Date Collected: 08/07/24 10:39

Matrix: Water

Date Received: 08/08/24 13:15

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	0.71	J	1.0	0.40	mg/L			08/16/24 16:11	1
Fluoride	0.058	J	0.10	0.040	mg/L			08/16/24 16:11	1
Chloride	3.5		1.0	0.20	mg/L			08/16/24 16:11	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		08/09/24 04:51	08/09/24 18:54	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		08/09/24 04:51	08/09/24 18:54	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254374-1

Client Sample ID: SCH-GWA-42

Lab Sample ID: 680-254374-4

Date Collected: 08/07/24 10:39

Matrix: Water

Date Received: 08/08/24 13:15

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	0.083		0.010	0.00089	mg/L		08/09/24 04:51	08/09/24 18:54	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		08/09/24 04:51	08/09/24 18:54	1
Boron	<0.022		0.080	0.022	mg/L		08/09/24 04:51	08/09/24 18:54	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		08/09/24 04:51	08/09/24 18:54	1
Calcium	23		0.50	0.14	mg/L		08/09/24 04:51	08/09/24 18:54	1
Chromium	0.0023		0.0020	0.0012	mg/L		08/09/24 04:51	08/09/24 18:54	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		08/09/24 04:51	08/09/24 18:54	1
Copper	<0.0011		0.0020	0.0011	mg/L		08/09/24 04:51	08/09/24 18:54	1
Lead	<0.00021		0.0010	0.00021	mg/L		08/09/24 04:51	08/09/24 18:54	1
Lithium	0.0028	J	0.0050	0.0020	mg/L		08/09/24 04:51	08/09/24 18:54	1
Magnesium	12		0.50	0.023	mg/L		08/09/24 04:51	08/09/24 18:54	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		08/09/24 04:51	08/09/24 18:54	1
Nickel	0.0019		0.0010	0.00042	mg/L		08/09/24 04:51	08/09/24 18:54	1
Potassium	1.5		0.50	0.044	mg/L		08/09/24 04:51	08/09/24 18:54	1
Selenium	<0.00099		0.0050	0.00099	mg/L		08/09/24 04:51	08/09/24 18:54	1
Silver	<0.00039		0.0010	0.00039	mg/L		08/09/24 04:51	08/09/24 18:54	1
Sodium	12		0.50	0.20	mg/L		08/09/24 04:51	08/09/24 18:54	1
Thallium	<0.00026		0.0010	0.00026	mg/L		08/09/24 04:51	08/09/24 18:54	1
Vanadium	0.0076		0.0020	0.00063	mg/L		08/09/24 04:51	08/09/24 18:54	1
Zinc	<0.0028		0.0050	0.0028	mg/L		08/09/24 04:51	08/09/24 18:54	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		08/14/24 09:55	08/14/24 16:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	130		5.0	2.2	mg/L			08/15/24 15:10	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	130		5.0	5.0	mg/L			08/15/24 15:10	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			08/15/24 15:10	1
Total Dissolved Solids (SM 2540C-2011)	170		40	40	mg/L			08/13/24 08:45	1

Client Sample ID: SCH-GWA-43

Lab Sample ID: 680-254374-5

Date Collected: 08/07/24 15:33

Matrix: Water

Date Received: 08/08/24 13:15

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	2.4		1.0	0.40	mg/L			08/16/24 16:21	1
Fluoride	0.056	J	0.10	0.040	mg/L			08/16/24 16:21	1
Chloride	4.4		1.0	0.20	mg/L			08/16/24 16:21	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		08/09/24 04:51	08/09/24 22:32	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		08/09/24 04:51	08/09/24 22:32	1
Barium	0.039		0.010	0.00089	mg/L		08/09/24 04:51	08/09/24 22:32	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		08/09/24 04:51	08/09/24 22:32	1

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Client Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254374-1

Client Sample ID: SCH-GWA-43

Lab Sample ID: 680-254374-5

Date Collected: 08/07/24 15:33

Matrix: Water

Date Received: 08/08/24 13:15

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.026	J	0.080	0.022	mg/L		08/09/24 04:51	08/09/24 22:32	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		08/09/24 04:51	08/09/24 22:32	1
Calcium	21		0.50	0.14	mg/L		08/09/24 04:51	08/09/24 22:32	1
Chromium	<0.0012		0.0020	0.0012	mg/L		08/09/24 04:51	08/09/24 22:32	1
Cobalt	0.0076		0.0025	0.00022	mg/L		08/09/24 04:51	08/09/24 22:32	1
Copper	<0.0011		0.0020	0.0011	mg/L		08/09/24 04:51	08/09/24 22:32	1
Lead	<0.00021		0.0010	0.00021	mg/L		08/09/24 04:51	08/09/24 22:32	1
Lithium	<0.0020		0.0050	0.0020	mg/L		08/09/24 04:51	08/09/24 22:32	1
Magnesium	12		0.50	0.023	mg/L		08/09/24 04:51	08/09/24 22:32	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		08/09/24 04:51	08/09/24 22:32	1
Nickel	0.0044		0.0010	0.00042	mg/L		08/09/24 04:51	08/09/24 22:32	1
Potassium	1.2		0.50	0.044	mg/L		08/09/24 04:51	08/09/24 22:32	1
Selenium	<0.00099		0.0050	0.00099	mg/L		08/09/24 04:51	08/09/24 22:32	1
Silver	<0.00039		0.0010	0.00039	mg/L		08/09/24 04:51	08/09/24 22:32	1
Sodium	12		0.50	0.20	mg/L		08/09/24 04:51	08/09/24 22:32	1
Thallium	<0.00026		0.0010	0.00026	mg/L		08/09/24 04:51	08/09/24 22:32	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		08/09/24 04:51	08/09/24 22:32	1
Zinc	<0.0028		0.0050	0.0028	mg/L		08/09/24 04:51	08/09/24 22:32	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		08/14/24 09:55	08/14/24 15:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	140		5.0	2.2	mg/L			08/15/24 16:07	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	140		5.0	5.0	mg/L			08/15/24 16:07	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			08/15/24 16:07	1
Total Dissolved Solids (SM 2540C-2011)	170		40	40	mg/L			08/13/24 08:45	1

Client Sample ID: SCH-CELL3-FD-9

Lab Sample ID: 680-254374-6

Date Collected: 08/07/24 00:00

Matrix: Water

Date Received: 08/08/24 13:15

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	2.2		1.0	0.40	mg/L			08/16/24 16:31	1
Fluoride	0.12		0.10	0.040	mg/L			08/16/24 16:31	1
Chloride	4.0		1.0	0.20	mg/L			08/16/24 16:31	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		08/09/24 04:51	08/09/24 22:29	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		08/09/24 04:51	08/09/24 22:29	1
Barium	0.015		0.010	0.00089	mg/L		08/09/24 04:51	08/09/24 22:29	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		08/09/24 04:51	08/09/24 22:29	1
Boron	0.029	J	0.080	0.022	mg/L		08/09/24 04:51	08/09/24 22:29	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		08/09/24 04:51	08/09/24 22:29	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254374-1

Client Sample ID: SCH-CELL3-FD-9

Lab Sample ID: 680-254374-6

Date Collected: 08/07/24 00:00

Matrix: Water

Date Received: 08/08/24 13:15

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	18		0.50	0.14	mg/L		08/09/24 04:51	08/09/24 22:29	1
Chromium	0.0035		0.0020	0.0012	mg/L		08/09/24 04:51	08/09/24 22:29	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		08/09/24 04:51	08/09/24 22:29	1
Copper	<0.0011		0.0020	0.0011	mg/L		08/09/24 04:51	08/09/24 22:29	1
Lead	<0.00021		0.0010	0.00021	mg/L		08/09/24 04:51	08/09/24 22:29	1
Lithium	0.0024	J	0.0050	0.0020	mg/L		08/09/24 04:51	08/09/24 22:29	1
Magnesium	8.8		0.50	0.023	mg/L		08/09/24 04:51	08/09/24 22:29	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		08/09/24 04:51	08/09/24 22:29	1
Nickel	<0.00042		0.0010	0.00042	mg/L		08/09/24 04:51	08/09/24 22:29	1
Potassium	1.1		0.50	0.044	mg/L		08/09/24 04:51	08/09/24 22:29	1
Selenium	<0.00099		0.0050	0.00099	mg/L		08/09/24 04:51	08/09/24 22:29	1
Silver	<0.00039		0.0010	0.00039	mg/L		08/09/24 04:51	08/09/24 22:29	1
Sodium	16		0.50	0.20	mg/L		08/09/24 04:51	08/09/24 22:29	1
Thallium	<0.00026		0.0010	0.00026	mg/L		08/09/24 04:51	08/09/24 22:29	1
Vanadium	0.016		0.0020	0.00063	mg/L		08/09/24 04:51	08/09/24 22:29	1
Zinc	<0.0028		0.0050	0.0028	mg/L		08/09/24 04:51	08/09/24 22:29	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		08/14/24 09:55	08/14/24 16:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	100		5.0	2.2	mg/L			08/15/24 14:39	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	100		5.0	5.0	mg/L			08/15/24 14:39	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			08/15/24 14:39	1
Total Dissolved Solids (SM 2540C-2011)	150		10	10	mg/L			08/13/24 08:45	1

Client Sample ID: SCH-CELL3-FD-10

Lab Sample ID: 680-254374-7

Date Collected: 08/07/24 00:00

Matrix: Water

Date Received: 08/08/24 13:15

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			08/16/24 16:40	1
Fluoride	0.047	J	0.10	0.040	mg/L			08/16/24 16:40	1
Chloride	3.2		1.0	0.20	mg/L			08/16/24 16:40	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		08/09/24 04:51	08/09/24 22:26	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		08/09/24 04:51	08/09/24 22:26	1
Barium	0.015		0.010	0.00089	mg/L		08/09/24 04:51	08/09/24 22:26	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		08/09/24 04:51	08/09/24 22:26	1
Boron	0.030	J	0.080	0.022	mg/L		08/09/24 04:51	08/09/24 22:26	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		08/09/24 04:51	08/09/24 22:26	1
Calcium	16		0.50	0.14	mg/L		08/09/24 04:51	08/09/24 22:26	1
Chromium	0.0051		0.0020	0.0012	mg/L		08/09/24 04:51	08/09/24 22:26	1

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Client Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254374-1

Client Sample ID: SCH-CELL3-FD-10

Lab Sample ID: 680-254374-7

Date Collected: 08/07/24 00:00

Matrix: Water

Date Received: 08/08/24 13:15

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	0.00065	J	0.0025	0.00022	mg/L		08/09/24 04:51	08/09/24 22:26	1
Copper	<0.0011		0.0020	0.0011	mg/L		08/09/24 04:51	08/09/24 22:26	1
Lead	<0.00021		0.0010	0.00021	mg/L		08/09/24 04:51	08/09/24 22:26	1
Lithium	<0.0020		0.0050	0.0020	mg/L		08/09/24 04:51	08/09/24 22:26	1
Magnesium	6.5		0.50	0.023	mg/L		08/09/24 04:51	08/09/24 22:26	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		08/09/24 04:51	08/09/24 22:26	1
Nickel	0.0012		0.0010	0.00042	mg/L		08/09/24 04:51	08/09/24 22:26	1
Potassium	0.65		0.50	0.044	mg/L		08/09/24 04:51	08/09/24 22:26	1
Selenium	<0.00099		0.0050	0.00099	mg/L		08/09/24 04:51	08/09/24 22:26	1
Silver	<0.00039		0.0010	0.00039	mg/L		08/09/24 04:51	08/09/24 22:26	1
Sodium	11		0.50	0.20	mg/L		08/09/24 04:51	08/09/24 22:26	1
Thallium	<0.00026		0.0010	0.00026	mg/L		08/09/24 04:51	08/09/24 22:26	1
Vanadium	0.0068		0.0020	0.00063	mg/L		08/09/24 04:51	08/09/24 22:26	1
Zinc	<0.0028		0.0050	0.0028	mg/L		08/09/24 04:51	08/09/24 22:26	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		08/14/24 09:55	08/14/24 16:17	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	93		5.0	2.2	mg/L			08/15/24 15:58	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	93		5.0	5.0	mg/L			08/15/24 15:58	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			08/15/24 15:58	1
Total Dissolved Solids (SM 2540C-2011)	140		10	10	mg/L			08/13/24 08:45	1

Client Sample ID: SCH-CELL3-FB-9

Lab Sample ID: 680-254374-8

Date Collected: 08/07/24 12:37

Matrix: Water

Date Received: 08/08/24 13:15

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40	F2 F1	1.0	0.40	mg/L			08/16/24 17:24	1
Fluoride	<0.040	F2 F1	0.10	0.040	mg/L			08/16/24 17:24	1
Chloride	<0.20	F2 F1	1.0	0.20	mg/L			08/16/24 17:24	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		08/09/24 04:51	08/09/24 18:43	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		08/09/24 04:51	08/09/24 18:43	1
Barium	<0.00089		0.010	0.00089	mg/L		08/09/24 04:51	08/09/24 18:43	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		08/09/24 04:51	08/09/24 18:43	1
Boron	<0.022		0.080	0.022	mg/L		08/09/24 04:51	08/09/24 18:43	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		08/09/24 04:51	08/09/24 18:43	1
Calcium	<0.14		0.50	0.14	mg/L		08/09/24 04:51	08/09/24 18:43	1
Chromium	<0.0012		0.0020	0.0012	mg/L		08/09/24 04:51	08/09/24 18:43	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		08/09/24 04:51	08/09/24 18:43	1
Copper	<0.0011		0.0020	0.0011	mg/L		08/09/24 04:51	08/09/24 18:43	1

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Client Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254374-1

Client Sample ID: SCH-CELL3-FB-9

Lab Sample ID: 680-254374-8

Date Collected: 08/07/24 12:37

Matrix: Water

Date Received: 08/08/24 13:15

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<0.00021		0.0010	0.00021	mg/L		08/09/24 04:51	08/09/24 18:43	1
Lithium	<0.0020		0.0050	0.0020	mg/L		08/09/24 04:51	08/09/24 18:43	1
Magnesium	0.063	J	0.50	0.023	mg/L		08/09/24 04:51	08/09/24 18:43	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		08/09/24 04:51	08/09/24 18:43	1
Nickel	<0.00042		0.0010	0.00042	mg/L		08/09/24 04:51	08/09/24 18:43	1
Potassium	<0.044		0.50	0.044	mg/L		08/09/24 04:51	08/09/24 18:43	1
Selenium	<0.00099		0.0050	0.00099	mg/L		08/09/24 04:51	08/09/24 18:43	1
Silver	<0.00039		0.0010	0.00039	mg/L		08/09/24 04:51	08/09/24 18:43	1
Sodium	<0.20		0.50	0.20	mg/L		08/09/24 04:51	08/09/24 18:43	1
Thallium	<0.00026		0.0010	0.00026	mg/L		08/09/24 04:51	08/09/24 18:43	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		08/09/24 04:51	08/09/24 18:43	1
Zinc	<0.0028		0.0050	0.0028	mg/L		08/09/24 04:51	08/09/24 18:43	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		08/14/24 09:55	08/14/24 16:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			08/15/24 14:21	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			08/15/24 14:21	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			08/15/24 14:21	1
Total Dissolved Solids (SM 2540C-2011)	<10		10	10	mg/L			08/13/24 08:45	1

Client Sample ID: SCH-CELL3-FB-10

Lab Sample ID: 680-254374-9

Date Collected: 08/07/24 10:39

Matrix: Water

Date Received: 08/08/24 13:15

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			08/16/24 17:53	1
Fluoride	<0.040		0.10	0.040	mg/L			08/16/24 17:53	1
Chloride	<0.20		1.0	0.20	mg/L			08/16/24 17:53	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		08/09/24 04:51	08/09/24 22:10	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		08/09/24 04:51	08/09/24 22:10	1
Barium	<0.00089		0.010	0.00089	mg/L		08/09/24 04:51	08/09/24 22:10	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		08/09/24 04:51	08/09/24 22:10	1
Boron	0.063	J	0.080	0.022	mg/L		08/09/24 04:51	08/09/24 22:10	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		08/09/24 04:51	08/09/24 22:10	1
Calcium	<0.14		0.50	0.14	mg/L		08/09/24 04:51	08/09/24 22:10	1
Chromium	<0.0012		0.0020	0.0012	mg/L		08/09/24 04:51	08/09/24 22:10	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		08/09/24 04:51	08/09/24 22:10	1
Copper	<0.0011		0.0020	0.0011	mg/L		08/09/24 04:51	08/09/24 22:10	1
Lead	<0.00021		0.0010	0.00021	mg/L		08/09/24 04:51	08/09/24 22:10	1
Lithium	<0.0020		0.0050	0.0020	mg/L		08/09/24 04:51	08/09/24 22:10	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254374-1

Client Sample ID: SCH-CELL3-FB-10

Lab Sample ID: 680-254374-9

Date Collected: 08/07/24 10:39

Matrix: Water

Date Received: 08/08/24 13:15

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Magnesium	<0.023		0.50	0.023	mg/L		08/09/24 04:51	08/09/24 22:10	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		08/09/24 04:51	08/09/24 22:10	1
Nickel	<0.00042		0.0010	0.00042	mg/L		08/09/24 04:51	08/09/24 22:10	1
Potassium	<0.044		0.50	0.044	mg/L		08/09/24 04:51	08/09/24 22:10	1
Selenium	<0.00099		0.0050	0.00099	mg/L		08/09/24 04:51	08/09/24 22:10	1
Silver	<0.00039		0.0010	0.00039	mg/L		08/09/24 04:51	08/09/24 22:10	1
Sodium	<0.20		0.50	0.20	mg/L		08/09/24 04:51	08/09/24 22:10	1
Thallium	<0.00026		0.0010	0.00026	mg/L		08/09/24 04:51	08/09/24 22:10	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		08/09/24 04:51	08/09/24 22:10	1
Zinc	<0.0028		0.0050	0.0028	mg/L		08/09/24 04:51	08/09/24 22:10	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		08/14/24 09:55	08/14/24 16:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			08/15/24 15:01	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			08/15/24 15:01	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			08/15/24 15:01	1
Total Dissolved Solids (SM 2540C-2011)	<10		10	10	mg/L			08/13/24 08:45	1

Client Sample ID: SCH-GWA-44A

Lab Sample ID: 680-254374-10

Date Collected: 08/07/24 14:22

Matrix: Water

Date Received: 08/08/24 13:15

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	1.7		1.0	0.40	mg/L			08/16/24 18:13	1
Fluoride	<0.040		0.10	0.040	mg/L			08/16/24 18:13	1
Chloride	6.4		1.0	0.20	mg/L			08/16/24 18:13	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		08/09/24 04:51	08/09/24 22:15	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		08/09/24 04:51	08/09/24 22:15	1
Barium	0.042		0.010	0.00089	mg/L		08/09/24 04:51	08/09/24 22:15	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		08/09/24 04:51	08/09/24 22:15	1
Boron	0.055	J	0.080	0.022	mg/L		08/09/24 04:51	08/09/24 22:15	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		08/09/24 04:51	08/09/24 22:15	1
Calcium	20		0.50	0.14	mg/L		08/09/24 04:51	08/09/24 22:15	1
Chromium	0.0054		0.0020	0.0012	mg/L		08/09/24 04:51	08/09/24 22:15	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		08/09/24 04:51	08/09/24 22:15	1
Copper	<0.0011		0.0020	0.0011	mg/L		08/09/24 04:51	08/09/24 22:15	1
Lead	<0.00021		0.0010	0.00021	mg/L		08/09/24 04:51	08/09/24 22:15	1
Lithium	0.0025	J	0.0050	0.0020	mg/L		08/09/24 04:51	08/09/24 22:15	1
Magnesium	8.7		0.50	0.023	mg/L		08/09/24 04:51	08/09/24 22:15	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		08/09/24 04:51	08/09/24 22:15	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254374-1

Client Sample ID: SCH-GWA-44A

Lab Sample ID: 680-254374-10

Date Collected: 08/07/24 14:22

Matrix: Water

Date Received: 08/08/24 13:15

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	0.00044	J	0.0010	0.00042	mg/L		08/09/24 04:51	08/09/24 22:15	1
Potassium	1.4		0.50	0.044	mg/L		08/09/24 04:51	08/09/24 22:15	1
Selenium	<0.00099		0.0050	0.00099	mg/L		08/09/24 04:51	08/09/24 22:15	1
Silver	<0.00039		0.0010	0.00039	mg/L		08/09/24 04:51	08/09/24 22:15	1
Sodium	6.8		0.50	0.20	mg/L		08/09/24 04:51	08/09/24 22:15	1
Thallium	<0.00026		0.0010	0.00026	mg/L		08/09/24 04:51	08/09/24 22:15	1
Vanadium	0.0082		0.0020	0.00063	mg/L		08/09/24 04:51	08/09/24 22:15	1
Zinc	<0.0028		0.0050	0.0028	mg/L		08/09/24 04:51	08/09/24 22:15	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		08/14/24 09:55	08/14/24 16:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	93		5.0	2.2	mg/L			08/15/24 14:48	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	93		5.0	5.0	mg/L			08/15/24 14:48	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			08/15/24 14:48	1
Total Dissolved Solids (SM 2540C-2011)	130		10	10	mg/L			08/13/24 08:45	1

Client Sample ID: SCH-GWC-32

Lab Sample ID: 680-254374-11

Date Collected: 08/07/24 15:45

Matrix: Water

Date Received: 08/08/24 13:15

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	2.8		1.0	0.40	mg/L			08/16/24 18:22	1
Fluoride	0.073	J	0.10	0.040	mg/L			08/16/24 18:22	1
Chloride	2.8		1.0	0.20	mg/L			08/16/24 18:22	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		08/09/24 04:51	08/09/24 22:12	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		08/09/24 04:51	08/09/24 22:12	1
Barium	0.020		0.010	0.00089	mg/L		08/09/24 04:51	08/09/24 22:12	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		08/09/24 04:51	08/09/24 22:12	1
Boron	0.057	J	0.080	0.022	mg/L		08/09/24 04:51	08/09/24 22:12	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		08/09/24 04:51	08/09/24 22:12	1
Calcium	15		0.50	0.14	mg/L		08/09/24 04:51	08/09/24 22:12	1
Chromium	0.0035		0.0020	0.0012	mg/L		08/09/24 04:51	08/09/24 22:12	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		08/09/24 04:51	08/09/24 22:12	1
Copper	<0.0011		0.0020	0.0011	mg/L		08/09/24 04:51	08/09/24 22:12	1
Lead	<0.00021		0.0010	0.00021	mg/L		08/09/24 04:51	08/09/24 22:12	1
Lithium	0.0030	J	0.0050	0.0020	mg/L		08/09/24 04:51	08/09/24 22:12	1
Magnesium	5.5		0.50	0.023	mg/L		08/09/24 04:51	08/09/24 22:12	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		08/09/24 04:51	08/09/24 22:12	1
Nickel	0.0015		0.0010	0.00042	mg/L		08/09/24 04:51	08/09/24 22:12	1
Potassium	0.53		0.50	0.044	mg/L		08/09/24 04:51	08/09/24 22:12	1

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Client Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254374-1

Client Sample ID: SCH-GWC-32

Lab Sample ID: 680-254374-11

Date Collected: 08/07/24 15:45

Matrix: Water

Date Received: 08/08/24 13:15

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	<0.00099		0.0050	0.00099	mg/L		08/09/24 04:51	08/09/24 22:12	1
Silver	<0.00039		0.0010	0.00039	mg/L		08/09/24 04:51	08/09/24 22:12	1
Sodium	10		0.50	0.20	mg/L		08/09/24 04:51	08/09/24 22:12	1
Thallium	<0.00026		0.0010	0.00026	mg/L		08/09/24 04:51	08/09/24 22:12	1
Vanadium	0.0064		0.0020	0.00063	mg/L		08/09/24 04:51	08/09/24 22:12	1
Zinc	<0.0028		0.0050	0.0028	mg/L		08/09/24 04:51	08/09/24 22:12	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		08/14/24 09:55	08/14/24 16:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	82		5.0	2.2	mg/L			08/15/24 14:16	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	82		5.0	5.0	mg/L			08/15/24 14:16	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			08/15/24 14:16	1
Total Dissolved Solids (SM 2540C-2011)	130		10	10	mg/L			08/13/24 10:43	1

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254374-1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography

Lab Sample ID: MB 680-851868/2
Matrix: Water
Analysis Batch: 851868

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Sulfate	<0.40		1.0	0.40	mg/L			08/16/24 13:34	1
Fluoride	<0.040		0.10	0.040	mg/L			08/16/24 13:34	1
Chloride	<0.20		1.0	0.20	mg/L			08/16/24 13:34	1

Lab Sample ID: LCS 680-851868/3
Matrix: Water
Analysis Batch: 851868

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	2.00	1.85		mg/L		92	90 - 110
Chloride	10.0	9.60		mg/L		96	90 - 110

Lab Sample ID: LCSD 680-851868/4
Matrix: Water
Analysis Batch: 851868

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Fluoride	2.00	1.92		mg/L		96	90 - 110	4	15
Chloride	10.0	9.88		mg/L		99	90 - 110	3	15

Lab Sample ID: 680-254374-8 MS
Matrix: Water
Analysis Batch: 851868

Client Sample ID: SCH-CELL3-FB-9
Prep Type: Total/NA

Analyte	Sample Sample		Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
	Result	Qualifier							
Sulfate	<0.40	F2 F1	10.0	4.20	F1	mg/L		42	80 - 120
Fluoride	<0.040	F2 F1	2.00	0.958	F1	mg/L		48	80 - 120
Chloride	<0.20	F2 F1	10.0	4.84	F1	mg/L		48	80 - 120

Lab Sample ID: 680-254374-8 MSD
Matrix: Water
Analysis Batch: 851868

Client Sample ID: SCH-CELL3-FB-9
Prep Type: Total/NA

Analyte	Sample Sample		Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
	Result	Qualifier									
Sulfate	<0.40	F2 F1	10.0	7.81	F2 F1	mg/L		78	80 - 120	60	15
Fluoride	<0.040	F2 F1	2.00	1.59	F2 F1	mg/L		79	80 - 120	49	15
Chloride	<0.20	F2 F1	10.0	8.53	F2	mg/L		85	80 - 120	55	15

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 680-850590/1-A
Matrix: Water
Analysis Batch: 850907

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 850590

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Antimony	<0.00034		0.0020	0.00034	mg/L		08/09/24 04:51	08/09/24 21:17	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		08/09/24 04:51	08/09/24 21:17	1
Barium	<0.00089		0.010	0.00089	mg/L		08/09/24 04:51	08/09/24 21:17	1

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QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254374-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 680-850590/1-A
Matrix: Water
Analysis Batch: 850907

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 850590

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Beryllium	<0.00020		0.0025	0.00020	mg/L		08/09/24 04:51	08/09/24 21:17	1
Boron	<0.022		0.080	0.022	mg/L		08/09/24 04:51	08/09/24 21:17	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		08/09/24 04:51	08/09/24 21:17	1
Calcium	<0.14		0.50	0.14	mg/L		08/09/24 04:51	08/09/24 21:17	1
Chromium	<0.0012		0.0020	0.0012	mg/L		08/09/24 04:51	08/09/24 21:17	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		08/09/24 04:51	08/09/24 21:17	1
Copper	<0.0011		0.0020	0.0011	mg/L		08/09/24 04:51	08/09/24 21:17	1
Lead	<0.00021		0.0010	0.00021	mg/L		08/09/24 04:51	08/09/24 21:17	1
Lithium	<0.0020		0.0050	0.0020	mg/L		08/09/24 04:51	08/09/24 21:17	1
Magnesium	<0.023		0.50	0.023	mg/L		08/09/24 04:51	08/09/24 21:17	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		08/09/24 04:51	08/09/24 21:17	1
Nickel	<0.00042		0.0010	0.00042	mg/L		08/09/24 04:51	08/09/24 21:17	1
Potassium	<0.044		0.50	0.044	mg/L		08/09/24 04:51	08/09/24 21:17	1
Selenium	<0.00099		0.0050	0.00099	mg/L		08/09/24 04:51	08/09/24 21:17	1
Silver	<0.00039		0.0010	0.00039	mg/L		08/09/24 04:51	08/09/24 21:17	1
Sodium	<0.20		0.50	0.20	mg/L		08/09/24 04:51	08/09/24 21:17	1
Thallium	<0.00026		0.0010	0.00026	mg/L		08/09/24 04:51	08/09/24 21:17	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		08/09/24 04:51	08/09/24 21:17	1
Zinc	<0.0028		0.0050	0.0028	mg/L		08/09/24 04:51	08/09/24 21:17	1

Lab Sample ID: LCS 680-850590/2-A
Matrix: Water
Analysis Batch: 850907

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 850590

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Antimony	0.0500	0.0503		mg/L		101	80 - 120
Arsenic	0.100	0.103		mg/L		103	80 - 120
Barium	0.100	0.100		mg/L		100	80 - 120
Beryllium	0.0500	0.0518		mg/L		104	80 - 120
Boron	0.400	0.407		mg/L		102	80 - 120
Cadmium	0.0500	0.0520		mg/L		104	80 - 120
Calcium	5.00	5.02		mg/L		100	80 - 120
Chromium	0.100	0.101		mg/L		101	80 - 120
Cobalt	0.0500	0.0526		mg/L		105	80 - 120
Copper	0.101	0.106		mg/L		105	80 - 120
Lead	0.500	0.482		mg/L		96	80 - 120
Lithium	0.500	0.514		mg/L		103	80 - 120
Magnesium	5.00	5.03		mg/L		101	80 - 120
Molybdenum	0.100	0.106		mg/L		106	80 - 120
Nickel	0.100	0.104		mg/L		104	80 - 120
Potassium	7.00	7.25		mg/L		104	80 - 120
Selenium	0.100	0.102		mg/L		102	80 - 120
Silver	0.0500	0.0518		mg/L		104	80 - 120
Sodium	5.00	5.04		mg/L		101	80 - 120
Thallium	0.0500	0.0488		mg/L		98	80 - 120
Vanadium	0.100	0.0970		mg/L		97	80 - 120
Zinc	0.100	0.104		mg/L		104	80 - 120

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254374-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-254379-B-2-B MS
Matrix: Water
Analysis Batch: 850907

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 850590

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec	
	Result	Qualifier	Added	Result	Qualifier				Limits	
Antimony	<0.00034		0.0500	0.0495		mg/L		99	75 - 125	
Arsenic	<0.00086		0.100	0.101		mg/L		101	75 - 125	
Barium	0.020		0.100	0.118		mg/L		99	75 - 125	
Beryllium	<0.00020		0.0500	0.0517		mg/L		103	75 - 125	
Boron	<0.022		0.400	0.416		mg/L		104	75 - 125	
Cadmium	<0.000078		0.0500	0.0520		mg/L		104	75 - 125	
Calcium	10		5.00	14.8		mg/L		87	75 - 125	
Chromium	0.018		0.100	0.116		mg/L		98	75 - 125	
Cobalt	0.00023	J	0.0500	0.0522		mg/L		104	75 - 125	
Copper	<0.0011		0.101	0.106		mg/L		104	75 - 125	
Lead	<0.00021		0.500	0.477		mg/L		95	75 - 125	
Lithium	0.0031	J	0.500	0.511		mg/L		102	75 - 125	
Magnesium	5.8		5.00	10.4		mg/L		92	75 - 125	
Molybdenum	<0.00086		0.100	0.106		mg/L		106	75 - 125	
Nickel	0.0016		0.100	0.103		mg/L		102	75 - 125	
Potassium	0.74		7.00	7.92		mg/L		103	75 - 125	
Selenium	<0.00099		0.100	0.101		mg/L		101	75 - 125	
Silver	<0.00039		0.0500	0.0520		mg/L		104	75 - 125	
Sodium	6.6		5.00	11.2		mg/L		91	75 - 125	
Thallium	<0.00026		0.0500	0.0487		mg/L		97	75 - 125	
Vanadium	0.0054		0.100	0.102		mg/L		96	75 - 125	
Zinc	0.0028	J	0.100	0.106		mg/L		103	75 - 125	

Lab Sample ID: 680-254379-B-2-C MSD
Matrix: Water
Analysis Batch: 850907

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 850590

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Antimony	<0.00034		0.0500	0.0501		mg/L		100	75 - 125	1	20
Arsenic	<0.00086		0.100	0.101		mg/L		101	75 - 125	1	20
Barium	0.020		0.100	0.117		mg/L		98	75 - 125	1	20
Beryllium	<0.00020		0.0500	0.0517		mg/L		103	75 - 125	0	20
Boron	<0.022		0.400	0.406		mg/L		101	75 - 125	2	20
Cadmium	<0.000078		0.0500	0.0517		mg/L		103	75 - 125	1	20
Calcium	10		5.00	14.5		mg/L		80	75 - 125	2	20
Chromium	0.018		0.100	0.115		mg/L		97	75 - 125	1	20
Cobalt	0.00023	J	0.0500	0.0519		mg/L		103	75 - 125	1	20
Copper	<0.0011		0.101	0.105		mg/L		103	75 - 125	1	20
Lead	<0.00021		0.500	0.475		mg/L		95	75 - 125	0	20
Lithium	0.0031	J	0.500	0.506		mg/L		101	75 - 125	1	20
Magnesium	5.8		5.00	10.2		mg/L		89	75 - 125	1	20
Molybdenum	<0.00086		0.100	0.105		mg/L		105	75 - 125	1	20
Nickel	0.0016		0.100	0.103		mg/L		101	75 - 125	1	20
Potassium	0.74		7.00	7.88		mg/L		102	75 - 125	1	20
Selenium	<0.00099		0.100	0.100		mg/L		100	75 - 125	1	20
Silver	<0.00039		0.0500	0.0512		mg/L		102	75 - 125	2	20
Sodium	6.6		5.00	11.1		mg/L		88	75 - 125	1	20
Thallium	<0.00026		0.0500	0.0482		mg/L		96	75 - 125	1	20
Vanadium	0.0054		0.100	0.100		mg/L		95	75 - 125	1	20

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QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254374-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-254379-B-2-C MSD
Matrix: Water
Analysis Batch: 850907

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 850590

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Zinc	0.0028	J	0.100	0.103		mg/L		100	75 - 125	3	20

Lab Sample ID: MB 680-850591/1-A
Matrix: Water
Analysis Batch: 850907

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 850591

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		08/09/24 04:51	08/09/24 18:38	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		08/09/24 04:51	08/09/24 18:38	1
Barium	<0.00089		0.010	0.00089	mg/L		08/09/24 04:51	08/09/24 18:38	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		08/09/24 04:51	08/09/24 18:38	1
Boron	<0.022		0.080	0.022	mg/L		08/09/24 04:51	08/09/24 18:38	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		08/09/24 04:51	08/09/24 18:38	1
Calcium	<0.14		0.50	0.14	mg/L		08/09/24 04:51	08/09/24 18:38	1
Chromium	<0.0012		0.0020	0.0012	mg/L		08/09/24 04:51	08/09/24 18:38	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		08/09/24 04:51	08/09/24 18:38	1
Copper	<0.0011		0.0020	0.0011	mg/L		08/09/24 04:51	08/09/24 18:38	1
Lead	<0.00021		0.0010	0.00021	mg/L		08/09/24 04:51	08/09/24 18:38	1
Lithium	<0.0020		0.0050	0.0020	mg/L		08/09/24 04:51	08/09/24 18:38	1
Magnesium	<0.023		0.50	0.023	mg/L		08/09/24 04:51	08/09/24 18:38	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		08/09/24 04:51	08/09/24 18:38	1
Nickel	<0.00042		0.0010	0.00042	mg/L		08/09/24 04:51	08/09/24 18:38	1
Potassium	<0.044		0.50	0.044	mg/L		08/09/24 04:51	08/09/24 18:38	1
Selenium	<0.00099		0.0050	0.00099	mg/L		08/09/24 04:51	08/09/24 18:38	1
Silver	<0.00039		0.0010	0.00039	mg/L		08/09/24 04:51	08/09/24 18:38	1
Sodium	<0.20		0.50	0.20	mg/L		08/09/24 04:51	08/09/24 18:38	1
Thallium	<0.00026		0.0010	0.00026	mg/L		08/09/24 04:51	08/09/24 18:38	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		08/09/24 04:51	08/09/24 18:38	1
Zinc	<0.0028		0.0050	0.0028	mg/L		08/09/24 04:51	08/09/24 18:38	1

Lab Sample ID: LCS 680-850591/2-A
Matrix: Water
Analysis Batch: 850907

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 850591

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0491		mg/L		98	80 - 120
Arsenic	0.100	0.100		mg/L		100	80 - 120
Barium	0.100	0.0987		mg/L		99	80 - 120
Beryllium	0.0500	0.0508		mg/L		102	80 - 120
Boron	0.400	0.407		mg/L		102	80 - 120
Cadmium	0.0500	0.0519		mg/L		104	80 - 120
Calcium	5.00	5.01		mg/L		100	80 - 120
Chromium	0.100	0.0995		mg/L		99	80 - 120
Cobalt	0.0500	0.0519		mg/L		104	80 - 120
Copper	0.101	0.104		mg/L		103	80 - 120
Lead	0.500	0.474		mg/L		95	80 - 120
Lithium	0.500	0.503		mg/L		101	80 - 120
Magnesium	5.00	4.97		mg/L		99	80 - 120
Molybdenum	0.100	0.102		mg/L		102	80 - 120

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QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254374-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 680-850591/2-A
Matrix: Water
Analysis Batch: 850907

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 850591

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec	
							Limits	
Nickel	0.100	0.102		mg/L		102	80 - 120	
Potassium	7.00	7.17		mg/L		102	80 - 120	
Selenium	0.100	0.0976		mg/L		98	80 - 120	
Silver	0.0500	0.0507		mg/L		101	80 - 120	
Sodium	5.00	4.95		mg/L		99	80 - 120	
Thallium	0.0500	0.0486		mg/L		97	80 - 120	
Vanadium	0.100	0.0965		mg/L		97	80 - 120	
Zinc	0.100	0.101		mg/L		101	80 - 120	

Lab Sample ID: 680-254374-8 MS
Matrix: Water
Analysis Batch: 850907

Client Sample ID: SCH-CELL3-FB-9
Prep Type: Total Recoverable
Prep Batch: 850591

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec	
									Limits	
Antimony	<0.00034		0.0500	0.0543		mg/L		109	75 - 125	
Arsenic	<0.00086		0.100	0.111		mg/L		111	75 - 125	
Barium	<0.00089		0.100	0.108		mg/L		108	75 - 125	
Beryllium	<0.00020		0.0500	0.0567		mg/L		113	75 - 125	
Boron	<0.022		0.400	0.445		mg/L		111	75 - 125	
Cadmium	<0.000078		0.0500	0.0562		mg/L		112	75 - 125	
Calcium	<0.14		5.00	5.41		mg/L		108	75 - 125	
Chromium	<0.0012		0.100	0.109		mg/L		109	75 - 125	
Cobalt	<0.00022		0.0500	0.0569		mg/L		114	75 - 125	
Copper	<0.0011		0.101	0.115		mg/L		114	75 - 125	
Lead	<0.00021		0.500	0.518		mg/L		104	75 - 125	
Lithium	<0.0020		0.500	0.542		mg/L		108	75 - 125	
Magnesium	0.063	J	5.00	5.45		mg/L		108	75 - 125	
Molybdenum	<0.00086		0.100	0.112		mg/L		112	75 - 125	
Nickel	<0.00042		0.100	0.112		mg/L		112	75 - 125	
Potassium	<0.044		7.00	7.77		mg/L		111	75 - 125	
Selenium	<0.00099		0.100	0.108		mg/L		108	75 - 125	
Silver	<0.00039		0.0500	0.0556		mg/L		111	75 - 125	
Sodium	<0.20		5.00	5.42		mg/L		108	75 - 125	
Thallium	<0.00026		0.0500	0.0533		mg/L		107	75 - 125	
Vanadium	<0.00063		0.100	0.105		mg/L		105	75 - 125	
Zinc	<0.0028		0.100	0.111		mg/L		111	75 - 125	

Lab Sample ID: 680-254374-8 MSD
Matrix: Water
Analysis Batch: 850907

Client Sample ID: SCH-CELL3-FB-9
Prep Type: Total Recoverable
Prep Batch: 850591

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
									Limits			
Antimony	<0.00034		0.0500	0.0510		mg/L		102	75 - 125	6	20	
Arsenic	<0.00086		0.100	0.103		mg/L		103	75 - 125	7	20	
Barium	<0.00089		0.100	0.0999		mg/L		100	75 - 125	8	20	
Beryllium	<0.00020		0.0500	0.0518		mg/L		104	75 - 125	9	20	
Boron	<0.022		0.400	0.412		mg/L		103	75 - 125	8	20	
Cadmium	<0.000078		0.0500	0.0531		mg/L		106	75 - 125	6	20	
Calcium	<0.14		5.00	4.98		mg/L		100	75 - 125	8	20	

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QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254374-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-254374-8 MSD
Matrix: Water
Analysis Batch: 850907

Client Sample ID: SCH-CELL3-FB-9
Prep Type: Total Recoverable
Prep Batch: 850591

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Chromium	<0.0012		0.100	0.102		mg/L		102	75 - 125	6	20
Cobalt	<0.00022		0.0500	0.0532		mg/L		106	75 - 125	7	20
Copper	<0.0011		0.101	0.107		mg/L		106	75 - 125	7	20
Lead	<0.00021		0.500	0.481		mg/L		96	75 - 125	7	20
Lithium	<0.0020		0.500	0.504		mg/L		101	75 - 125	7	20
Magnesium	0.063	J	5.00	5.07		mg/L		100	75 - 125	7	20
Molybdenum	<0.00086		0.100	0.104		mg/L		104	75 - 125	8	20
Nickel	<0.00042		0.100	0.105		mg/L		105	75 - 125	6	20
Potassium	<0.044		7.00	7.26		mg/L		104	75 - 125	7	20
Selenium	<0.00099		0.100	0.102		mg/L		102	75 - 125	5	20
Silver	<0.00039		0.0500	0.0523		mg/L		105	75 - 125	6	20
Sodium	<0.20		5.00	5.03		mg/L		101	75 - 125	8	20
Thallium	<0.00026		0.0500	0.0493		mg/L		99	75 - 125	8	20
Vanadium	<0.00063		0.100	0.0981		mg/L		98	75 - 125	7	20
Zinc	<0.0028		0.100	0.104		mg/L		104	75 - 125	6	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 680-851317/1-A
Matrix: Water
Analysis Batch: 851469

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 851317

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	<0.000080		0.00020	0.000080	mg/L		08/14/24 09:52	08/14/24 14:54	1

Lab Sample ID: LCS 680-851317/2-A
Matrix: Water
Analysis Batch: 851469

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 851317

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec
							Limits
Mercury	0.00250	0.00252		mg/L		101	80 - 120

Lab Sample ID: 400-260482-E-1-G MS
Matrix: Water
Analysis Batch: 851469

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 851317

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec
	Result	Qualifier	Added	Result	Qualifier				Limits
Mercury	<0.000080		0.00100	0.000973		mg/L		97	80 - 120

Lab Sample ID: 400-260482-E-1-H MSD
Matrix: Water
Analysis Batch: 851469

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 851317

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Mercury	<0.000080		0.00100	0.000942		mg/L		94	80 - 120	3	20

QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254374-1

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: MB 680-851318/1-A
Matrix: Water
Analysis Batch: 851469

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 851318

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		08/14/24 09:55	08/14/24 15:55	1

Lab Sample ID: LCS 680-851318/2-A
Matrix: Water
Analysis Batch: 851469

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 851318

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00250	0.00255		mg/L		102	80 - 120

Lab Sample ID: 680-254374-5 MS
Matrix: Water
Analysis Batch: 851469

Client Sample ID: SCH-GWA-43
Prep Type: Total/NA
Prep Batch: 851318

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.000080		0.00100	0.000989		mg/L		99	80 - 120

Lab Sample ID: 680-254374-5 MSD
Matrix: Water
Analysis Batch: 851469

Client Sample ID: SCH-GWA-43
Prep Type: Total/NA
Prep Batch: 851318

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.000080		0.00100	0.00101		mg/L		101	80 - 120	2	20

Method: 2320B-2011 - Alkalinity, Total

Lab Sample ID: MB 680-851806/4
Matrix: Water
Analysis Batch: 851806

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<2.2		5.0	2.2	mg/L			08/15/24 13:26	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			08/15/24 13:26	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			08/15/24 13:26	1

Lab Sample ID: LCS 680-851806/6
Matrix: Water
Analysis Batch: 851806

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3 to pH 4.5	250	241		mg/L		97	90 - 112

Lab Sample ID: LCSD 680-851806/31
Matrix: Water
Analysis Batch: 851806

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	250	246		mg/L		98	90 - 112	2	30

QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254374-1

Method: 2320B-2011 - Alkalinity, Total (Continued)

Lab Sample ID: 680-254374-1 DU
 Matrix: Water
 Analysis Batch: 851806

Client Sample ID: SCH-GWC-30
 Prep Type: Total/NA

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Total Alkalinity as CaCO3 to pH 4.5	110		105		mg/L		0.06	30
Bicarbonate Alkalinity as CaCO3	110		105		mg/L		0.06	30
Carbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	30

Method: 2540C-2011 - Total Dissolved Solids (Dried at 180 °C)

Lab Sample ID: MB 680-851076/1
 Matrix: Water
 Analysis Batch: 851076

Client Sample ID: Method Blank
 Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Total Dissolved Solids	<10		10	10	mg/L			08/13/24 08:45	1

Lab Sample ID: LCS 680-851076/2
 Matrix: Water
 Analysis Batch: 851076

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Total Dissolved Solids	2440	2430		mg/L		100	80 - 120

Lab Sample ID: LCSD 680-851076/3
 Matrix: Water
 Analysis Batch: 851076

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec Limits	RPD	Limit
		Result	Qualifier						
Total Dissolved Solids	2440	2460		mg/L		101	80 - 120	1	25

Lab Sample ID: 680-254374-1 DU
 Matrix: Water
 Analysis Batch: 851076

Client Sample ID: SCH-GWC-30
 Prep Type: Total/NA

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Total Dissolved Solids	160		150		mg/L		4	5

Lab Sample ID: MB 680-851112/1
 Matrix: Water
 Analysis Batch: 851112

Client Sample ID: Method Blank
 Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Total Dissolved Solids	<10		10	10	mg/L			08/13/24 10:43	1

Lab Sample ID: LCS 680-851112/2
 Matrix: Water
 Analysis Batch: 851112

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Total Dissolved Solids	2440	2490		mg/L		102	80 - 120

QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254374-1

Method: 2540C-2011 - Total Dissolved Solids (Dried at 180 °C) (Continued)

Lab Sample ID: LCSD 680-851112/3
Matrix: Water
Analysis Batch: 851112

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	
								RPD	Limit
Total Dissolved Solids	2440	2410		mg/L		99	80 - 120	3	25

Lab Sample ID: 680-254379-A-4 DU
Matrix: Water
Analysis Batch: 851112

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD	
								RPD	Limit
Total Dissolved Solids	250		248		mg/L		2	5	



QC Association Summary

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254374-1

HPLC/IC

Analysis Batch: 851868

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254374-1	SCH-GWC-30	Total/NA	Water	300.0-1993 R2.1	
680-254374-2	SCH-GWC-31	Total/NA	Water	300.0-1993 R2.1	
680-254374-3	SCH-GWA-41	Total/NA	Water	300.0-1993 R2.1	
680-254374-4	SCH-GWA-42	Total/NA	Water	300.0-1993 R2.1	
680-254374-5	SCH-GWA-43	Total/NA	Water	300.0-1993 R2.1	
680-254374-6	SCH-CELL3-FD-9	Total/NA	Water	300.0-1993 R2.1	
680-254374-7	SCH-CELL3-FD-10	Total/NA	Water	300.0-1993 R2.1	
680-254374-8	SCH-CELL3-FB-9	Total/NA	Water	300.0-1993 R2.1	
680-254374-9	SCH-CELL3-FB-10	Total/NA	Water	300.0-1993 R2.1	
680-254374-10	SCH-GWA-44A	Total/NA	Water	300.0-1993 R2.1	
680-254374-11	SCH-GWC-32	Total/NA	Water	300.0-1993 R2.1	
MB 680-851868/2	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-851868/3	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-851868/4	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
680-254374-8 MS	SCH-CELL3-FB-9	Total/NA	Water	300.0-1993 R2.1	
680-254374-8 MSD	SCH-CELL3-FB-9	Total/NA	Water	300.0-1993 R2.1	

Metals

Prep Batch: 850590

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254374-2	SCH-GWC-31	Total Recoverable	Water	3005A	
680-254374-5	SCH-GWA-43	Total Recoverable	Water	3005A	
680-254374-6	SCH-CELL3-FD-9	Total Recoverable	Water	3005A	
680-254374-7	SCH-CELL3-FD-10	Total Recoverable	Water	3005A	
680-254374-9	SCH-CELL3-FB-10	Total Recoverable	Water	3005A	
680-254374-10	SCH-GWA-44A	Total Recoverable	Water	3005A	
680-254374-11	SCH-GWC-32	Total Recoverable	Water	3005A	
MB 680-850590/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-850590/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
680-254379-B-2-B MS	Matrix Spike	Total Recoverable	Water	3005A	
680-254379-B-2-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Prep Batch: 850591

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254374-1	SCH-GWC-30	Total Recoverable	Water	3005A	
680-254374-3	SCH-GWA-41	Total Recoverable	Water	3005A	
680-254374-4	SCH-GWA-42	Total Recoverable	Water	3005A	
680-254374-8	SCH-CELL3-FB-9	Total Recoverable	Water	3005A	
MB 680-850591/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-850591/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
680-254374-8 MS	SCH-CELL3-FB-9	Total Recoverable	Water	3005A	
680-254374-8 MSD	SCH-CELL3-FB-9	Total Recoverable	Water	3005A	

Analysis Batch: 850907

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254374-1	SCH-GWC-30	Total Recoverable	Water	6020B	850591
680-254374-2	SCH-GWC-31	Total Recoverable	Water	6020B	850590
680-254374-3	SCH-GWA-41	Total Recoverable	Water	6020B	850591
680-254374-4	SCH-GWA-42	Total Recoverable	Water	6020B	850591
680-254374-5	SCH-GWA-43	Total Recoverable	Water	6020B	850590

Eurofins Savannah

QC Association Summary

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254374-1

Metals (Continued)

Analysis Batch: 850907 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254374-6	SCH-CELL3-FD-9	Total Recoverable	Water	6020B	850590
680-254374-7	SCH-CELL3-FD-10	Total Recoverable	Water	6020B	850590
680-254374-8	SCH-CELL3-FB-9	Total Recoverable	Water	6020B	850591
680-254374-9	SCH-CELL3-FB-10	Total Recoverable	Water	6020B	850590
680-254374-10	SCH-GWA-44A	Total Recoverable	Water	6020B	850590
680-254374-11	SCH-GWC-32	Total Recoverable	Water	6020B	850590
MB 680-850590/1-A	Method Blank	Total Recoverable	Water	6020B	850590
MB 680-850591/1-A	Method Blank	Total Recoverable	Water	6020B	850591
LCS 680-850590/2-A	Lab Control Sample	Total Recoverable	Water	6020B	850590
LCS 680-850591/2-A	Lab Control Sample	Total Recoverable	Water	6020B	850591
680-254374-8 MS	SCH-CELL3-FB-9	Total Recoverable	Water	6020B	850591
680-254374-8 MSD	SCH-CELL3-FB-9	Total Recoverable	Water	6020B	850591
680-254379-B-2-B MS	Matrix Spike	Total Recoverable	Water	6020B	850590
680-254379-B-2-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	850590

Prep Batch: 851317

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254374-1	SCH-GWC-30	Total/NA	Water	7470A	
680-254374-2	SCH-GWC-31	Total/NA	Water	7470A	
MB 680-851317/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-851317/2-A	Lab Control Sample	Total/NA	Water	7470A	
400-260482-E-1-G MS	Matrix Spike	Total/NA	Water	7470A	
400-260482-E-1-H MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Prep Batch: 851318

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254374-3	SCH-GWA-41	Total/NA	Water	7470A	
680-254374-4	SCH-GWA-42	Total/NA	Water	7470A	
680-254374-5	SCH-GWA-43	Total/NA	Water	7470A	
680-254374-6	SCH-CELL3-FD-9	Total/NA	Water	7470A	
680-254374-7	SCH-CELL3-FD-10	Total/NA	Water	7470A	
680-254374-8	SCH-CELL3-FB-9	Total/NA	Water	7470A	
680-254374-9	SCH-CELL3-FB-10	Total/NA	Water	7470A	
680-254374-10	SCH-GWA-44A	Total/NA	Water	7470A	
680-254374-11	SCH-GWC-32	Total/NA	Water	7470A	
MB 680-851318/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-851318/2-A	Lab Control Sample	Total/NA	Water	7470A	
680-254374-5 MS	SCH-GWA-43	Total/NA	Water	7470A	
680-254374-5 MSD	SCH-GWA-43	Total/NA	Water	7470A	

Analysis Batch: 851469

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254374-1	SCH-GWC-30	Total/NA	Water	7470A	851317
680-254374-2	SCH-GWC-31	Total/NA	Water	7470A	851317
680-254374-3	SCH-GWA-41	Total/NA	Water	7470A	851318
680-254374-4	SCH-GWA-42	Total/NA	Water	7470A	851318
680-254374-5	SCH-GWA-43	Total/NA	Water	7470A	851318
680-254374-6	SCH-CELL3-FD-9	Total/NA	Water	7470A	851318
680-254374-7	SCH-CELL3-FD-10	Total/NA	Water	7470A	851318
680-254374-8	SCH-CELL3-FB-9	Total/NA	Water	7470A	851318
680-254374-9	SCH-CELL3-FB-10	Total/NA	Water	7470A	851318

QC Association Summary

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254374-1

Metals (Continued)

Analysis Batch: 851469 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254374-10	SCH-GWA-44A	Total/NA	Water	7470A	851318
680-254374-11	SCH-GWC-32	Total/NA	Water	7470A	851318
MB 680-851317/1-A	Method Blank	Total/NA	Water	7470A	851317
MB 680-851318/1-A	Method Blank	Total/NA	Water	7470A	851318
LCS 680-851317/2-A	Lab Control Sample	Total/NA	Water	7470A	851317
LCS 680-851318/2-A	Lab Control Sample	Total/NA	Water	7470A	851318
400-260482-E-1-G MS	Matrix Spike	Total/NA	Water	7470A	851317
400-260482-E-1-H MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	851317
680-254374-5 MS	SCH-GWA-43	Total/NA	Water	7470A	851318
680-254374-5 MSD	SCH-GWA-43	Total/NA	Water	7470A	851318

General Chemistry

Analysis Batch: 851076

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254374-1	SCH-GWC-30	Total/NA	Water	2540C-2011	
680-254374-2	SCH-GWC-31	Total/NA	Water	2540C-2011	
680-254374-3	SCH-GWA-41	Total/NA	Water	2540C-2011	
680-254374-4	SCH-GWA-42	Total/NA	Water	2540C-2011	
680-254374-5	SCH-GWA-43	Total/NA	Water	2540C-2011	
680-254374-6	SCH-CELL3-FD-9	Total/NA	Water	2540C-2011	
680-254374-7	SCH-CELL3-FD-10	Total/NA	Water	2540C-2011	
680-254374-8	SCH-CELL3-FB-9	Total/NA	Water	2540C-2011	
680-254374-9	SCH-CELL3-FB-10	Total/NA	Water	2540C-2011	
680-254374-10	SCH-GWA-44A	Total/NA	Water	2540C-2011	
MB 680-851076/1	Method Blank	Total/NA	Water	2540C-2011	
LCS 680-851076/2	Lab Control Sample	Total/NA	Water	2540C-2011	
LCSD 680-851076/3	Lab Control Sample Dup	Total/NA	Water	2540C-2011	
680-254374-1 DU	SCH-GWC-30	Total/NA	Water	2540C-2011	

Analysis Batch: 851112

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254374-11	SCH-GWC-32	Total/NA	Water	2540C-2011	
MB 680-851112/1	Method Blank	Total/NA	Water	2540C-2011	
LCS 680-851112/2	Lab Control Sample	Total/NA	Water	2540C-2011	
LCSD 680-851112/3	Lab Control Sample Dup	Total/NA	Water	2540C-2011	
680-254379-A-4 DU	Duplicate	Total/NA	Water	2540C-2011	

Analysis Batch: 851806

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254374-1	SCH-GWC-30	Total/NA	Water	2320B-2011	
680-254374-2	SCH-GWC-31	Total/NA	Water	2320B-2011	
680-254374-3	SCH-GWA-41	Total/NA	Water	2320B-2011	
680-254374-4	SCH-GWA-42	Total/NA	Water	2320B-2011	
680-254374-5	SCH-GWA-43	Total/NA	Water	2320B-2011	
680-254374-6	SCH-CELL3-FD-9	Total/NA	Water	2320B-2011	
680-254374-7	SCH-CELL3-FD-10	Total/NA	Water	2320B-2011	
680-254374-8	SCH-CELL3-FB-9	Total/NA	Water	2320B-2011	
680-254374-9	SCH-CELL3-FB-10	Total/NA	Water	2320B-2011	
680-254374-10	SCH-GWA-44A	Total/NA	Water	2320B-2011	
680-254374-11	SCH-GWC-32	Total/NA	Water	2320B-2011	

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254374-1

General Chemistry (Continued)

Analysis Batch: 851806 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 680-851806/4	Method Blank	Total/NA	Water	2320B-2011	
LCS 680-851806/6	Lab Control Sample	Total/NA	Water	2320B-2011	
LCSD 680-851806/31	Lab Control Sample Dup	Total/NA	Water	2320B-2011	
680-254374-1 DU	SCH-GWC-30	Total/NA	Water	2320B-2011	

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254374-1

Client Sample ID: SCH-GWC-30

Lab Sample ID: 680-254374-1

Date Collected: 08/07/24 09:10

Matrix: Water

Date Received: 08/08/24 13:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	851868	08/16/24 15:42	KMB	EET SAV
Instrument ID: CICP										
Total Recoverable	Prep	3005A			25 mL	125 mL	850591	08/09/24 04:51	RR	EET SAV
Total Recoverable	Analysis	6020B		1			850907	08/09/24 18:57	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	851317	08/14/24 09:52	MG	EET SAV
Total/NA	Analysis	7470A		1			851469	08/14/24 15:29	BJB	EET SAV
Instrument ID: QuickTrace3										
Total/NA	Analysis	2320B-2011		1			851806	08/15/24 15:41	PG	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	851076	08/13/24 08:45	AS	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWC-31

Lab Sample ID: 680-254374-2

Date Collected: 08/07/24 11:35

Matrix: Water

Date Received: 08/08/24 13:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	851868	08/16/24 15:52	KMB	EET SAV
Instrument ID: CICP										
Total Recoverable	Prep	3005A			25 mL	125 mL	850590	08/09/24 04:51	RR	EET SAV
Total Recoverable	Analysis	6020B		1			850907	08/09/24 22:23	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	851317	08/14/24 09:52	MG	EET SAV
Total/NA	Analysis	7470A		1			851469	08/14/24 15:31	BJB	EET SAV
Instrument ID: QuickTrace3										
Total/NA	Analysis	2320B-2011		1			851806	08/15/24 14:07	PG	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	851076	08/13/24 08:45	AS	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWA-41

Lab Sample ID: 680-254374-3

Date Collected: 08/07/24 12:45

Matrix: Water

Date Received: 08/08/24 13:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	851868	08/16/24 16:01	KMB	EET SAV
Instrument ID: CICP										
Total Recoverable	Prep	3005A			25 mL	125 mL	850591	08/09/24 04:51	RR	EET SAV
Total Recoverable	Analysis	6020B		1			850907	08/09/24 18:52	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	851318	08/14/24 09:55	MG	EET SAV
Total/NA	Analysis	7470A		1			851469	08/14/24 16:06	BJB	EET SAV
Instrument ID: QuickTrace3										

Lab Chronicle

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254374-1

Client Sample ID: SCH-GWA-41

Lab Sample ID: 680-254374-3

Date Collected: 08/07/24 12:45

Matrix: Water

Date Received: 08/08/24 13:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2320B-2011		1			851806	08/15/24 14:30	PG	EET SAV
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	851076	08/13/24 08:45	AS	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWA-42

Lab Sample ID: 680-254374-4

Date Collected: 08/07/24 10:39

Matrix: Water

Date Received: 08/08/24 13:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	851868	08/16/24 16:11	KMB	EET SAV
Instrument ID: CICP										
Total Recoverable	Prep	3005A			25 mL	125 mL	850591	08/09/24 04:51	RR	EET SAV
Total Recoverable	Analysis	6020B		1			850907	08/09/24 18:54	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	851318	08/14/24 09:55	MG	EET SAV
Total/NA	Analysis	7470A		1			851469	08/14/24 16:12	BJB	EET SAV
Instrument ID: QuickTrace3										
Total/NA	Analysis	2320B-2011		1			851806	08/15/24 15:10	PG	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	851076	08/13/24 08:45	AS	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWA-43

Lab Sample ID: 680-254374-5

Date Collected: 08/07/24 15:33

Matrix: Water

Date Received: 08/08/24 13:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	851868	08/16/24 16:21	KMB	EET SAV
Instrument ID: CICP										
Total Recoverable	Prep	3005A			25 mL	125 mL	850590	08/09/24 04:51	RR	EET SAV
Total Recoverable	Analysis	6020B		1			850907	08/09/24 22:32	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	851318	08/14/24 09:55	MG	EET SAV
Total/NA	Analysis	7470A		1			851469	08/14/24 15:59	BJB	EET SAV
Instrument ID: QuickTrace3										
Total/NA	Analysis	2320B-2011		1			851806	08/15/24 16:07	PG	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	851076	08/13/24 08:45	AS	EET SAV
Instrument ID: NOEQUIP										

Lab Chronicle

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254374-1

Client Sample ID: SCH-CELL3-FD-9

Lab Sample ID: 680-254374-6

Date Collected: 08/07/24 00:00

Matrix: Water

Date Received: 08/08/24 13:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	851868	08/16/24 16:31	KMB	EET SAV
Instrument ID: CICP										
Total Recoverable	Prep	3005A			25 mL	125 mL	850590	08/09/24 04:51	RR	EET SAV
Total Recoverable	Analysis	6020B		1			850907	08/09/24 22:29	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	851318	08/14/24 09:55	MG	EET SAV
Total/NA	Analysis	7470A		1			851469	08/14/24 16:14	BJB	EET SAV
Instrument ID: QuickTrace3										
Total/NA	Analysis	2320B-2011		1			851806	08/15/24 14:39	PG	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	851076	08/13/24 08:45	AS	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-CELL3-FD-10

Lab Sample ID: 680-254374-7

Date Collected: 08/07/24 00:00

Matrix: Water

Date Received: 08/08/24 13:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	851868	08/16/24 16:40	KMB	EET SAV
Instrument ID: CICP										
Total Recoverable	Prep	3005A			25 mL	125 mL	850590	08/09/24 04:51	RR	EET SAV
Total Recoverable	Analysis	6020B		1			850907	08/09/24 22:26	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	851318	08/14/24 09:55	MG	EET SAV
Total/NA	Analysis	7470A		1			851469	08/14/24 16:17	BJB	EET SAV
Instrument ID: QuickTrace3										
Total/NA	Analysis	2320B-2011		1			851806	08/15/24 15:58	PG	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	851076	08/13/24 08:45	AS	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-CELL3-FB-9

Lab Sample ID: 680-254374-8

Date Collected: 08/07/24 12:37

Matrix: Water

Date Received: 08/08/24 13:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	851868	08/16/24 17:24	KMB	EET SAV
Instrument ID: CICP										
Total Recoverable	Prep	3005A			25 mL	125 mL	850591	08/09/24 04:51	RR	EET SAV
Total Recoverable	Analysis	6020B		1			850907	08/09/24 18:43	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	851318	08/14/24 09:55	MG	EET SAV
Total/NA	Analysis	7470A		1			851469	08/14/24 16:47	BJB	EET SAV
Instrument ID: QuickTrace3										

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254374-1

Client Sample ID: SCH-CELL3-FB-9

Lab Sample ID: 680-254374-8

Date Collected: 08/07/24 12:37

Matrix: Water

Date Received: 08/08/24 13:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2320B-2011		1			851806	08/15/24 14:21	PG	EET SAV
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	851076	08/13/24 08:45	AS	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-CELL3-FB-10

Lab Sample ID: 680-254374-9

Date Collected: 08/07/24 10:39

Matrix: Water

Date Received: 08/08/24 13:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	851868	08/16/24 17:53	KMB	EET SAV
Instrument ID: CICP										
Total Recoverable	Prep	3005A			25 mL	125 mL	850590	08/09/24 04:51	RR	EET SAV
Total Recoverable	Analysis	6020B		1			850907	08/09/24 22:10	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	851318	08/14/24 09:55	MG	EET SAV
Total/NA	Analysis	7470A		1			851469	08/14/24 16:49	BJB	EET SAV
Instrument ID: QuickTrace3										
Total/NA	Analysis	2320B-2011		1			851806	08/15/24 15:01	PG	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	851076	08/13/24 08:45	AS	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWA-44A

Lab Sample ID: 680-254374-10

Date Collected: 08/07/24 14:22

Matrix: Water

Date Received: 08/08/24 13:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	851868	08/16/24 18:13	KMB	EET SAV
Instrument ID: CICP										
Total Recoverable	Prep	3005A			25 mL	125 mL	850590	08/09/24 04:51	RR	EET SAV
Total Recoverable	Analysis	6020B		1			850907	08/09/24 22:15	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	851318	08/14/24 09:55	MG	EET SAV
Total/NA	Analysis	7470A		1			851469	08/14/24 16:51	BJB	EET SAV
Instrument ID: QuickTrace3										
Total/NA	Analysis	2320B-2011		1			851806	08/15/24 14:48	PG	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	851076	08/13/24 08:45	AS	EET SAV
Instrument ID: NOEQUIP										

Lab Chronicle

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254374-1

Client Sample ID: SCH-GWC-32

Lab Sample ID: 680-254374-11

Date Collected: 08/07/24 15:45

Matrix: Water

Date Received: 08/08/24 13:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	851868	08/16/24 18:22	KMB	EET SAV
Instrument ID: CICP										
Total Recoverable	Prep	3005A			25 mL	125 mL	850590	08/09/24 04:51	RR	EET SAV
Total Recoverable	Analysis	6020B		1			850907	08/09/24 22:12	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	851318	08/14/24 09:55	MG	EET SAV
Total/NA	Analysis	7470A		1			851469	08/14/24 16:19	BJB	EET SAV
Instrument ID: QuickTrace3										
Total/NA	Analysis	2320B-2011		1			851806	08/15/24 14:16	PG	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	851112	08/13/24 10:43	AS	EET SAV
Instrument ID: NOEQUIP										

Laboratory References:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858



Accreditation/Certification Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254374-1

Laboratory: Eurofins Savannah

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87052	06-30-25
Georgia	State	E87052	06-30-25

- 1
- 2
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- 11
- 12

Method Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254374-1

Method	Method Description	Protocol	Laboratory
300.0-1993 R2.1	Anions, Ion Chromatography	MCAWW	EET SAV
6020B	Metals (ICP/MS)	SW846	EET SAV
7470A	Mercury (CVAA)	SW846	EET SAV
2320B-2011	Alkalinity, Total	SM	EET SAV
2540C-2011	Total Dissolved Solids (Dried at 180 °C)	SM	EET SAV
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET SAV
7470A	Preparation, Mercury	SW846	EET SAV

Protocol References:

- MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.
- SM = "Standard Methods For The Examination Of Water And Wastewater"
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

- EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858



Eurofins Savannah

5102 LaRoche Avenue
Savannah, GA 31404
Phone (912) 354-7858 Phone (912) 352-0165

Chain of Custody Record



Environment Testing

Client Information		Sampler(s):		Lab PM / Phone: David Fuller / 770-344-8986		Carrier Tracking No(s):		COC No:									
Client Contact: Joju Abraham		Site-Project Manager / Phone: Dawn Prell / 248-536-5445		E-Mail: David.Fuller@et.eurofinsus.com		State of Origin: GA		Page: Page 1 of 2									
Company: Southern Company				Analysis Requested				Job #:									
Address: 241 Ralph McGill Blvd SE B10185		Due Date Requested:		Field Filtered Sample (Yes or No) Perform MS/MSD (Yes or No) 300_ORGFIM_28D - Chloride, Fluoride, Sulfate 2540C - Solids, Total Dissolved (TDS) 6020B - App III/IV, State (15) Metals + Cations (Mg, K, Na) 7470A - App IV Mercury 9315_Ra226 - Radium 226 9320_Ra228 - Radium 228 Ra226Ra228_GFCP - Combined Radium 226 and 228		Total Number of containers		Preservation Codes:									
City: Atlanta		TAT Requested (days): 2 weeks						A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA		M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Y - Trizma Z - other (specify)							
State, Zip: GA, 30308		Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No						Other:		Task Code: SCH-CCR-OTH-20240807							
Phone:		Lab Project #: (DO NOT REMOVE) 68027798						Special Instructions/Notes:									
Email: JAbraham@southernco.com		Lab PO #: GPC82130-0006 / PO Line #5															
Project Name: CCR - Plant Scherer Cell 3		Project #:															
Site:																	
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFIM_28D - Chloride, Fluoride, Sulfate	2540C - Solids, Total Dissolved (TDS)	6020B - App III/IV, State (15) Metals + Cations (Mg, K, Na)	7470A - App IV Mercury	9315_Ra226 - Radium 226	9320_Ra228 - Radium 228	Ra226Ra228_GFCP - Combined Radium 226 and 228	Total Number of containers		
				Preservation Code:		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N	N	D	D	D	D	D	6		
SCH-GWC-30		8/7/24	09:10	G	WG	N	N	X	X	X	X	X	X	X	6		
SCH-GWC-31		8/7/24	11:35	G	WG	N	N	X	X	X	X	X	X	X	6		
SCH-GWA-41		8/7/24	12:45	G	WG	N	N	X	X	X	X	X	X	X	6		
SCH-GWA-42		8/7/24	10:39	G	WG	N	N	X	X	X	X	X	X	X	6		
SCH-GWA-43		8/7/24	15:33	G	WG	N	N	X	X	X	X	X	X	X	6		
SCH-CELL3-FD-9		8/7/24	-	G	WG	N	N	X	X	X	X	X	X	X	6		
SCH-CELL3-FD-10		8/7/24	-	G	WG	N	N	X	X	X	X	X	X	X	6		
SCH-CELL3-FB-9		8/7/24	12:37	G	WQ	N	N	X	X	X	X	X	X	X	6		
SCH-CELL3-FB-10		8/7/24	10:39	G	WQ	N	N	X	X	X	X	X	X	X	6		
SCH-GWA-44A		8/7/24	14:22	G	WG	N	N	X	X	X	X	X	X	X	6		
SCH-GWC-32		8/7/24	15:45	G	WG	N	N	X	X	X	X	X	X	X	6		
Possible Hazard Identification						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)											
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Volatile <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological						<input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months											
Deliverable Requested: I, II, III, IV, Other (specify)						Special Instructions/QC Requirements:											
Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:											
Relinquished by: MARK MANN / <i>[Signature]</i>		Date/Time: 08/08/24 0835		Company: WSP		Received by: Mariana Acosta 927		Date/Time: 08/08/24 0835		Company: COURTENEW							
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:		Company:							
Relinquished by:		Date/Time:		Company:		Received by: <i>[Signature]</i>		Date/Time: 8/8/24 1315		Company: EUROFINS							
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: 5.1/3.1 1.9/1.9 3.5/3.5 1.4/1.4													



Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-254374-1

Login Number: 254374

List Number: 1

Creator: Munro, Caroline

List Source: Eurofins Savannah

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



ANALYTICAL REPORT

PREPARED FOR

Attn: Joju Abraham
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Generated 8/21/2024 4:29:52 PM

JOB DESCRIPTION

CCR - Plant Scherer Cell 3

JOB NUMBER

680-254479-1

Eurofins Savannah

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization



Authorized for release by
David Fuller, Project Manager
David.Fuller@et.eurofinsus.com
(770)344-8986

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Definitions/Glossary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254479-1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
F3	Duplicate RPD exceeds the control limit

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Sample Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254479-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-254479-1	SCH-GWC-33A	Water	08/08/24 08:52	08/09/24 14:55
680-254479-2	SCH-GWC-34	Water	08/08/24 11:10	08/09/24 14:55
680-254479-3	SCH-GWC-37	Water	08/08/24 11:43	08/09/24 14:55
680-254479-4	SCH-GWA-39	Water	08/08/24 09:49	08/09/24 14:55
680-254479-5	SCH-CELL3-EB-9	Water	08/08/24 09:50	08/09/24 14:55
680-254479-6	SCH-GWC-38	Water	08/08/24 13:00	08/09/24 14:55
680-254479-7	SCH-GWC-35	Water	08/08/24 12:45	08/09/24 14:55
680-254479-8	SCH-GWA-54	Water	08/08/24 15:11	08/09/24 14:55
680-254479-9	SCH-GWC-36	Water	08/08/24 15:35	08/09/24 14:55
680-254479-10	SCH-GWA-40	Water	08/08/24 15:33	08/09/24 14:55
680-254479-11	SCH-CELL3-EB-10	Water	08/08/24 15:55	08/09/24 14:55

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Case Narrative

Client: Southern Company
Project: CCR - Plant Scherer Cell 3

Job ID: 680-254479-1

Job ID: 680-254479-1

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Job Narrative 680-254479-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Receipt

The samples were received on 8/9/2024 2:55 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 0.3°C, 0.7°C and 1.9°C.

HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry

Method 2540C: A lesser volume of sample was used for the following sample due to the nature of the sample matrix resulting in elevated reporting limits: SCH-GWC-35 (680-254479-7).

Method 2540C: The sample duplicate precision for the following sample associated with analytical batch 680-851677 was outside control limits: (680-254471-A-15 DU). The associated Laboratory Control Sample / Laboratory Control Sample Duplicate (LCS/LCSD) precision met acceptance criteria.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254479-1

Client Sample ID: SCH-GWC-33A

Lab Sample ID: 680-254479-1

Date Collected: 08/08/24 08:52

Matrix: Water

Date Received: 08/09/24 14:55

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			08/20/24 15:43	1
Fluoride	0.053	J	0.10	0.040	mg/L			08/20/24 15:43	1
Chloride	2.3		1.0	0.20	mg/L			08/20/24 15:43	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		08/12/24 12:35	08/13/24 19:15	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		08/12/24 12:35	08/13/24 19:15	1
Barium	0.026		0.010	0.00089	mg/L		08/12/24 12:35	08/13/24 19:15	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		08/12/24 12:35	08/13/24 19:15	1
Boron	<0.022		0.080	0.022	mg/L		08/12/24 12:35	08/13/24 19:15	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		08/12/24 12:35	08/13/24 19:15	1
Calcium	16		0.50	0.14	mg/L		08/12/24 12:35	08/13/24 19:15	1
Chromium	0.0069		0.0020	0.0012	mg/L		08/12/24 12:35	08/13/24 19:15	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		08/12/24 12:35	08/13/24 19:15	1
Copper	<0.0011		0.0020	0.0011	mg/L		08/12/24 12:35	08/13/24 19:15	1
Lead	<0.00021		0.0010	0.00021	mg/L		08/12/24 12:35	08/13/24 19:15	1
Lithium	<0.0020		0.0050	0.0020	mg/L		08/12/24 12:35	08/14/24 16:06	1
Magnesium	5.5		0.50	0.023	mg/L		08/12/24 12:35	08/13/24 19:15	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		08/12/24 12:35	08/13/24 19:15	1
Nickel	0.00051	J	0.0010	0.00042	mg/L		08/12/24 12:35	08/13/24 19:15	1
Potassium	0.77		0.50	0.044	mg/L		08/12/24 12:35	08/13/24 19:15	1
Selenium	<0.00099		0.0050	0.00099	mg/L		08/12/24 12:35	08/13/24 19:15	1
Silver	<0.00039		0.0010	0.00039	mg/L		08/12/24 12:35	08/13/24 19:15	1
Sodium	10		0.50	0.20	mg/L		08/12/24 12:35	08/13/24 19:15	1
Thallium	<0.00026		0.0010	0.00026	mg/L		08/12/24 12:35	08/13/24 19:15	1
Vanadium	0.013		0.0020	0.00063	mg/L		08/12/24 12:35	08/13/24 19:15	1
Zinc	<0.0028		0.0050	0.0028	mg/L		08/12/24 12:35	08/13/24 19:15	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		08/14/24 14:35	08/14/24 20:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	78		5.0	2.2	mg/L			08/16/24 19:29	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	78		5.0	5.0	mg/L			08/16/24 19:29	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			08/16/24 19:29	1
Total Dissolved Solids (SM 2540C-2011)	120		10	10	mg/L			08/15/24 15:03	1

Client Sample ID: SCH-GWC-34

Lab Sample ID: 680-254479-2

Date Collected: 08/08/24 11:10

Matrix: Water

Date Received: 08/09/24 14:55

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			08/20/24 16:12	1
Fluoride	<0.040		0.10	0.040	mg/L			08/20/24 16:12	1

Eurofins Savannah

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254479-1

Client Sample ID: SCH-GWC-34

Lab Sample ID: 680-254479-2

Date Collected: 08/08/24 11:10

Matrix: Water

Date Received: 08/09/24 14:55

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.9		1.0	0.20	mg/L			08/20/24 16:12	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		08/12/24 12:35	08/13/24 19:12	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		08/12/24 12:35	08/13/24 19:12	1
Barium	0.031		0.010	0.00089	mg/L		08/12/24 12:35	08/13/24 19:12	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		08/12/24 12:35	08/13/24 19:12	1
Boron	<0.022		0.080	0.022	mg/L		08/12/24 12:35	08/13/24 19:12	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		08/12/24 12:35	08/13/24 19:12	1
Calcium	11		0.50	0.14	mg/L		08/12/24 12:35	08/13/24 19:12	1
Chromium	0.014		0.0020	0.0012	mg/L		08/12/24 12:35	08/13/24 19:12	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		08/12/24 12:35	08/13/24 19:12	1
Copper	<0.0011		0.0020	0.0011	mg/L		08/12/24 12:35	08/13/24 19:12	1
Lead	<0.00021		0.0010	0.00021	mg/L		08/12/24 12:35	08/13/24 19:12	1
Lithium	<0.0020		0.0050	0.0020	mg/L		08/12/24 12:35	08/14/24 16:02	1
Magnesium	7.5		0.50	0.023	mg/L		08/12/24 12:35	08/13/24 19:12	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		08/12/24 12:35	08/13/24 19:12	1
Nickel	<0.00042		0.0010	0.00042	mg/L		08/12/24 12:35	08/13/24 19:12	1
Potassium	0.65		0.50	0.044	mg/L		08/12/24 12:35	08/13/24 19:12	1
Selenium	<0.00099		0.0050	0.00099	mg/L		08/12/24 12:35	08/13/24 19:12	1
Silver	<0.00039		0.0010	0.00039	mg/L		08/12/24 12:35	08/13/24 19:12	1
Sodium	6.0		0.50	0.20	mg/L		08/12/24 12:35	08/13/24 19:12	1
Thallium	<0.00026		0.0010	0.00026	mg/L		08/12/24 12:35	08/13/24 19:12	1
Vanadium	0.0093		0.0020	0.00063	mg/L		08/12/24 12:35	08/13/24 19:12	1
Zinc	<0.0028		0.0050	0.0028	mg/L		08/12/24 12:35	08/13/24 19:12	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		08/14/24 12:11	08/14/24 17:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	74		5.0	2.2	mg/L			08/16/24 19:04	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	74		5.0	5.0	mg/L			08/16/24 19:04	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			08/16/24 19:04	1
Total Dissolved Solids (SM 2540C-2011)	94		10	10	mg/L			08/15/24 15:03	1

Client Sample ID: SCH-GWC-37

Lab Sample ID: 680-254479-3

Date Collected: 08/08/24 11:43

Matrix: Water

Date Received: 08/09/24 14:55

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			08/20/24 16:22	1
Fluoride	0.041	J	0.10	0.040	mg/L			08/20/24 16:22	1
Chloride	1.7		1.0	0.20	mg/L			08/20/24 16:22	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254479-1

Client Sample ID: SCH-GWC-37

Lab Sample ID: 680-254479-3

Date Collected: 08/08/24 11:43

Matrix: Water

Date Received: 08/09/24 14:55

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		08/12/24 12:35	08/13/24 19:18	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		08/12/24 12:35	08/13/24 19:18	1
Barium	0.048		0.010	0.00089	mg/L		08/12/24 12:35	08/13/24 19:18	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		08/12/24 12:35	08/13/24 19:18	1
Boron	<0.022		0.080	0.022	mg/L		08/12/24 12:35	08/13/24 19:18	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		08/12/24 12:35	08/13/24 19:18	1
Calcium	18		0.50	0.14	mg/L		08/12/24 12:35	08/13/24 19:18	1
Chromium	0.026		0.0020	0.0012	mg/L		08/12/24 12:35	08/13/24 19:18	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		08/12/24 12:35	08/13/24 19:18	1
Copper	<0.0011		0.0020	0.0011	mg/L		08/12/24 12:35	08/13/24 19:18	1
Lead	<0.00021		0.0010	0.00021	mg/L		08/12/24 12:35	08/13/24 19:18	1
Lithium	<0.0020		0.0050	0.0020	mg/L		08/12/24 12:35	08/14/24 16:10	1
Magnesium	11		0.50	0.023	mg/L		08/12/24 12:35	08/13/24 19:18	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		08/12/24 12:35	08/13/24 19:18	1
Nickel	0.0012		0.0010	0.00042	mg/L		08/12/24 12:35	08/13/24 19:18	1
Potassium	0.94		0.50	0.044	mg/L		08/12/24 12:35	08/13/24 19:18	1
Selenium	<0.00099		0.0050	0.00099	mg/L		08/12/24 12:35	08/13/24 19:18	1
Silver	<0.00039		0.0010	0.00039	mg/L		08/12/24 12:35	08/13/24 19:18	1
Sodium	7.4		0.50	0.20	mg/L		08/12/24 12:35	08/13/24 19:18	1
Thallium	<0.00026		0.0010	0.00026	mg/L		08/12/24 12:35	08/13/24 19:18	1
Vanadium	0.0074		0.0020	0.00063	mg/L		08/12/24 12:35	08/13/24 19:18	1
Zinc	<0.0028		0.0050	0.0028	mg/L		08/12/24 12:35	08/13/24 19:18	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		08/14/24 12:11	08/14/24 17:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	93		5.0	2.2	mg/L			08/16/24 19:20	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	93		5.0	5.0	mg/L			08/16/24 19:20	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			08/16/24 19:20	1
Total Dissolved Solids (SM 2540C-2011)	110		10	10	mg/L			08/15/24 15:03	1

Client Sample ID: SCH-GWA-39

Lab Sample ID: 680-254479-4

Date Collected: 08/08/24 09:49

Matrix: Water

Date Received: 08/09/24 14:55

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	1.3		1.0	0.40	mg/L			08/20/24 16:32	1
Fluoride	<0.040		0.10	0.040	mg/L			08/20/24 16:32	1
Chloride	1.5		1.0	0.20	mg/L			08/20/24 16:32	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		08/12/24 12:35	08/13/24 19:21	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		08/12/24 12:35	08/13/24 19:21	1

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Client Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254479-1

Client Sample ID: SCH-GWA-39

Lab Sample ID: 680-254479-4

Date Collected: 08/08/24 09:49

Matrix: Water

Date Received: 08/09/24 14:55

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	0.033		0.010	0.00089	mg/L		08/12/24 12:35	08/13/24 19:21	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		08/12/24 12:35	08/13/24 19:21	1
Boron	<0.022		0.080	0.022	mg/L		08/12/24 12:35	08/13/24 19:21	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		08/12/24 12:35	08/13/24 19:21	1
Calcium	24		0.50	0.14	mg/L		08/12/24 12:35	08/13/24 19:21	1
Chromium	0.013		0.0020	0.0012	mg/L		08/12/24 12:35	08/13/24 19:21	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		08/12/24 12:35	08/13/24 19:21	1
Copper	<0.0011		0.0020	0.0011	mg/L		08/12/24 12:35	08/13/24 19:21	1
Lead	<0.00021		0.0010	0.00021	mg/L		08/12/24 12:35	08/13/24 19:21	1
Lithium	<0.0020		0.0050	0.0020	mg/L		08/12/24 12:35	08/14/24 16:14	1
Magnesium	12		0.50	0.023	mg/L		08/12/24 12:35	08/13/24 19:21	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		08/12/24 12:35	08/13/24 19:21	1
Nickel	0.0040		0.0010	0.00042	mg/L		08/12/24 12:35	08/13/24 19:21	1
Potassium	1.3		0.50	0.044	mg/L		08/12/24 12:35	08/13/24 19:21	1
Selenium	<0.00099		0.0050	0.00099	mg/L		08/12/24 12:35	08/13/24 19:21	1
Silver	<0.00039		0.0010	0.00039	mg/L		08/12/24 12:35	08/13/24 19:21	1
Sodium	7.2		0.50	0.20	mg/L		08/12/24 12:35	08/13/24 19:21	1
Thallium	<0.00026		0.0010	0.00026	mg/L		08/12/24 12:35	08/13/24 19:21	1
Vanadium	0.023		0.0020	0.00063	mg/L		08/12/24 12:35	08/13/24 19:21	1
Zinc	<0.0028		0.0050	0.0028	mg/L		08/12/24 12:35	08/13/24 19:21	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		08/14/24 12:11	08/14/24 17:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	110		5.0	2.2	mg/L			08/16/24 21:10	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	110		5.0	5.0	mg/L			08/16/24 21:10	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			08/16/24 21:10	1
Total Dissolved Solids (SM 2540C-2011)	150		10	10	mg/L			08/15/24 15:03	1

Client Sample ID: SCH-CELL3-EB-9

Lab Sample ID: 680-254479-5

Date Collected: 08/08/24 09:50

Matrix: Water

Date Received: 08/09/24 14:55

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			08/20/24 16:41	1
Fluoride	<0.040		0.10	0.040	mg/L			08/20/24 16:41	1
Chloride	<0.20		1.0	0.20	mg/L			08/20/24 16:41	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		08/12/24 12:35	08/13/24 19:23	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		08/12/24 12:35	08/13/24 19:23	1
Barium	<0.00089		0.010	0.00089	mg/L		08/12/24 12:35	08/13/24 19:23	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		08/12/24 12:35	08/13/24 19:23	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254479-1

Client Sample ID: SCH-CELL3-EB-9

Lab Sample ID: 680-254479-5

Date Collected: 08/08/24 09:50

Matrix: Water

Date Received: 08/09/24 14:55

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.022		0.080	0.022	mg/L		08/12/24 12:35	08/13/24 19:23	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		08/12/24 12:35	08/13/24 19:23	1
Calcium	<0.14		0.50	0.14	mg/L		08/12/24 12:35	08/13/24 19:23	1
Chromium	<0.0012		0.0020	0.0012	mg/L		08/12/24 12:35	08/13/24 19:23	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		08/12/24 12:35	08/13/24 19:23	1
Copper	<0.0011		0.0020	0.0011	mg/L		08/12/24 12:35	08/13/24 19:23	1
Lead	<0.00021		0.0010	0.00021	mg/L		08/12/24 12:35	08/13/24 19:23	1
Lithium	<0.0020		0.0050	0.0020	mg/L		08/12/24 12:35	08/14/24 16:18	1
Magnesium	<0.023		0.50	0.023	mg/L		08/12/24 12:35	08/13/24 19:23	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		08/12/24 12:35	08/13/24 19:23	1
Nickel	<0.00042		0.0010	0.00042	mg/L		08/12/24 12:35	08/13/24 19:23	1
Potassium	<0.044		0.50	0.044	mg/L		08/12/24 12:35	08/13/24 19:23	1
Selenium	<0.00099		0.0050	0.00099	mg/L		08/12/24 12:35	08/13/24 19:23	1
Silver	<0.00039		0.0010	0.00039	mg/L		08/12/24 12:35	08/13/24 19:23	1
Sodium	<0.20		0.50	0.20	mg/L		08/12/24 12:35	08/13/24 19:23	1
Thallium	<0.00026		0.0010	0.00026	mg/L		08/12/24 12:35	08/13/24 19:23	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		08/12/24 12:35	08/13/24 19:23	1
Zinc	<0.0028		0.0050	0.0028	mg/L		08/12/24 12:35	08/13/24 19:23	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		08/14/24 12:11	08/14/24 17:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			08/16/24 15:50	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			08/16/24 15:50	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			08/16/24 15:50	1
Total Dissolved Solids (SM 2540C-2011)	<10		10	10	mg/L			08/15/24 15:55	1

Client Sample ID: SCH-GWC-38

Lab Sample ID: 680-254479-6

Date Collected: 08/08/24 13:00

Matrix: Water

Date Received: 08/09/24 14:55

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	2.9		1.0	0.40	mg/L			08/20/24 16:51	1
Fluoride	0.051	J	0.10	0.040	mg/L			08/20/24 16:51	1
Chloride	2.0		1.0	0.20	mg/L			08/20/24 16:51	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		08/13/24 05:12	08/13/24 15:22	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		08/13/24 05:12	08/13/24 15:22	1
Barium	0.038		0.010	0.00089	mg/L		08/13/24 05:12	08/13/24 15:22	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		08/13/24 05:12	08/13/24 15:22	1
Boron	<0.022		0.080	0.022	mg/L		08/13/24 05:12	08/13/24 15:22	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		08/13/24 05:12	08/13/24 15:22	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254479-1

Client Sample ID: SCH-GWC-38

Lab Sample ID: 680-254479-6

Date Collected: 08/08/24 13:00

Matrix: Water

Date Received: 08/09/24 14:55

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	18		0.50	0.14	mg/L		08/13/24 05:12	08/13/24 15:22	1
Chromium	0.0095		0.0020	0.0012	mg/L		08/13/24 05:12	08/13/24 15:22	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		08/13/24 05:12	08/13/24 15:22	1
Copper	<0.0011		0.0020	0.0011	mg/L		08/13/24 05:12	08/13/24 15:22	1
Lead	<0.00021		0.0010	0.00021	mg/L		08/13/24 05:12	08/13/24 15:22	1
Lithium	<0.0020		0.0050	0.0020	mg/L		08/13/24 05:12	08/14/24 17:03	1
Magnesium	9.5		0.50	0.023	mg/L		08/13/24 05:12	08/13/24 15:22	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		08/13/24 05:12	08/13/24 15:22	1
Nickel	0.00056	J	0.0010	0.00042	mg/L		08/13/24 05:12	08/13/24 15:22	1
Potassium	1.0		0.50	0.044	mg/L		08/13/24 05:12	08/13/24 15:22	1
Selenium	<0.00099		0.0050	0.00099	mg/L		08/13/24 05:12	08/13/24 15:22	1
Silver	<0.00039		0.0010	0.00039	mg/L		08/13/24 05:12	08/13/24 15:22	1
Sodium	7.5		0.50	0.20	mg/L		08/13/24 05:12	08/13/24 15:22	1
Thallium	<0.00026		0.0010	0.00026	mg/L		08/13/24 05:12	08/13/24 15:22	1
Vanadium	0.014		0.0020	0.00063	mg/L		08/13/24 05:12	08/13/24 15:22	1
Zinc	<0.0028		0.0050	0.0028	mg/L		08/13/24 05:12	08/13/24 15:22	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		08/14/24 12:11	08/14/24 17:22	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	89		5.0	2.2	mg/L			08/16/24 21:00	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	89		5.0	5.0	mg/L			08/16/24 21:00	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			08/16/24 21:00	1
Total Dissolved Solids (SM 2540C-2011)	120		10	10	mg/L			08/15/24 15:55	1

Client Sample ID: SCH-GWC-35

Lab Sample ID: 680-254479-7

Date Collected: 08/08/24 12:45

Matrix: Water

Date Received: 08/09/24 14:55

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	93		10	4.0	mg/L			08/20/24 17:41	10
Fluoride	0.19		0.10	0.040	mg/L			08/20/24 17:01	1
Chloride	17		1.0	0.20	mg/L			08/20/24 17:01	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		08/13/24 05:12	08/13/24 15:25	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		08/13/24 05:12	08/13/24 15:25	1
Barium	0.032		0.010	0.00089	mg/L		08/13/24 05:12	08/13/24 15:25	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		08/13/24 05:12	08/13/24 15:25	1
Boron	0.49		0.080	0.022	mg/L		08/13/24 05:12	08/13/24 15:25	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		08/13/24 05:12	08/13/24 15:25	1
Calcium	28		0.50	0.14	mg/L		08/13/24 05:12	08/13/24 15:25	1
Chromium	0.0012	J	0.0020	0.0012	mg/L		08/13/24 05:12	08/13/24 15:25	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254479-1

Client Sample ID: SCH-GWC-35

Lab Sample ID: 680-254479-7

Date Collected: 08/08/24 12:45

Matrix: Water

Date Received: 08/09/24 14:55

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	<0.00022		0.0025	0.00022	mg/L		08/13/24 05:12	08/13/24 15:25	1
Copper	<0.0011		0.0020	0.0011	mg/L		08/13/24 05:12	08/13/24 15:25	1
Lead	<0.00021		0.0010	0.00021	mg/L		08/13/24 05:12	08/13/24 15:25	1
Lithium	<0.0020		0.0050	0.0020	mg/L		08/13/24 05:12	08/14/24 17:07	1
Magnesium	18		0.50	0.023	mg/L		08/13/24 05:12	08/13/24 15:25	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		08/13/24 05:12	08/13/24 15:25	1
Nickel	0.00082	J	0.0010	0.00042	mg/L		08/13/24 05:12	08/13/24 15:25	1
Potassium	1.3		0.50	0.044	mg/L		08/13/24 05:12	08/13/24 15:25	1
Selenium	<0.00099		0.0050	0.00099	mg/L		08/13/24 05:12	08/13/24 15:25	1
Silver	<0.00039		0.0010	0.00039	mg/L		08/13/24 05:12	08/13/24 15:25	1
Sodium	32		0.50	0.20	mg/L		08/13/24 05:12	08/13/24 15:25	1
Thallium	<0.00026		0.0010	0.00026	mg/L		08/13/24 05:12	08/13/24 15:25	1
Vanadium	0.0080		0.0020	0.00063	mg/L		08/13/24 05:12	08/13/24 15:25	1
Zinc	<0.0028		0.0050	0.0028	mg/L		08/13/24 05:12	08/13/24 15:25	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		08/14/24 12:11	08/14/24 17:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	76		5.0	2.2	mg/L			08/16/24 18:18	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	76		5.0	5.0	mg/L			08/16/24 18:18	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			08/16/24 18:18	1
Total Dissolved Solids (SM 2540C-2011)	250		40	40	mg/L			08/15/24 15:55	1

Client Sample ID: SCH-GWA-54

Lab Sample ID: 680-254479-8

Date Collected: 08/08/24 15:11

Matrix: Water

Date Received: 08/09/24 14:55

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	1.6		1.0	0.40	mg/L			08/20/24 17:11	1
Fluoride	0.055	J	0.10	0.040	mg/L			08/20/24 17:11	1
Chloride	3.2		1.0	0.20	mg/L			08/20/24 17:11	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		08/13/24 05:12	08/13/24 15:33	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		08/13/24 05:12	08/13/24 15:33	1
Barium	0.11		0.010	0.00089	mg/L		08/13/24 05:12	08/13/24 15:33	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		08/13/24 05:12	08/13/24 15:33	1
Boron	<0.022		0.080	0.022	mg/L		08/13/24 05:12	08/13/24 15:33	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		08/13/24 05:12	08/13/24 15:33	1
Calcium	11		0.50	0.14	mg/L		08/13/24 05:12	08/13/24 15:33	1
Chromium	<0.0012		0.0020	0.0012	mg/L		08/13/24 05:12	08/13/24 15:33	1
Cobalt	0.0020	J	0.0025	0.00022	mg/L		08/13/24 05:12	08/13/24 15:33	1
Copper	<0.0011		0.0020	0.0011	mg/L		08/13/24 05:12	08/13/24 15:33	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254479-1

Client Sample ID: SCH-GWA-54

Lab Sample ID: 680-254479-8

Date Collected: 08/08/24 15:11

Matrix: Water

Date Received: 08/09/24 14:55

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<0.00021		0.0010	0.00021	mg/L		08/13/24 05:12	08/13/24 15:33	1
Lithium	<0.0020		0.0050	0.0020	mg/L		08/13/24 05:12	08/14/24 17:11	1
Magnesium	4.2		0.50	0.023	mg/L		08/13/24 05:12	08/13/24 15:33	1
Molybdenum	0.0020	J	0.015	0.00086	mg/L		08/13/24 05:12	08/13/24 15:33	1
Nickel	0.00070	J	0.0010	0.00042	mg/L		08/13/24 05:12	08/13/24 15:33	1
Potassium	3.7		0.50	0.044	mg/L		08/13/24 05:12	08/13/24 15:33	1
Selenium	<0.00099		0.0050	0.00099	mg/L		08/13/24 05:12	08/13/24 15:33	1
Silver	<0.00039		0.0010	0.00039	mg/L		08/13/24 05:12	08/13/24 15:33	1
Sodium	13		0.50	0.20	mg/L		08/13/24 05:12	08/13/24 15:33	1
Thallium	<0.00026		0.0010	0.00026	mg/L		08/13/24 05:12	08/13/24 15:33	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		08/13/24 05:12	08/13/24 15:33	1
Zinc	<0.0028		0.0050	0.0028	mg/L		08/13/24 05:12	08/13/24 15:33	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		08/14/24 12:11	08/14/24 17:17	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	73		5.0	2.2	mg/L			08/16/24 18:40	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	73		5.0	5.0	mg/L			08/16/24 18:40	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			08/16/24 18:40	1
Total Dissolved Solids (SM 2540C-2011)	110		10	10	mg/L			08/15/24 15:55	1

Client Sample ID: SCH-GWC-36

Lab Sample ID: 680-254479-9

Date Collected: 08/08/24 15:35

Matrix: Water

Date Received: 08/09/24 14:55

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			08/20/24 17:20	1
Fluoride	<0.040		0.10	0.040	mg/L			08/20/24 17:20	1
Chloride	5.9		1.0	0.20	mg/L			08/20/24 17:20	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.00043	J	0.0020	0.00034	mg/L		08/13/24 05:12	08/13/24 15:36	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		08/13/24 05:12	08/13/24 15:36	1
Barium	0.056		0.010	0.00089	mg/L		08/13/24 05:12	08/13/24 15:36	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		08/13/24 05:12	08/13/24 15:36	1
Boron	<0.022		0.080	0.022	mg/L		08/13/24 05:12	08/13/24 15:36	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		08/13/24 05:12	08/13/24 15:36	1
Calcium	14		0.50	0.14	mg/L		08/13/24 05:12	08/13/24 15:36	1
Chromium	0.016		0.0020	0.0012	mg/L		08/13/24 05:12	08/13/24 15:36	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		08/13/24 05:12	08/13/24 15:36	1
Copper	<0.0011		0.0020	0.0011	mg/L		08/13/24 05:12	08/13/24 15:36	1
Lead	<0.00021		0.0010	0.00021	mg/L		08/13/24 05:12	08/13/24 15:36	1
Lithium	<0.0020		0.0050	0.0020	mg/L		08/13/24 05:12	08/14/24 17:15	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254479-1

Client Sample ID: SCH-GWC-36

Lab Sample ID: 680-254479-9

Date Collected: 08/08/24 15:35

Matrix: Water

Date Received: 08/09/24 14:55

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Magnesium	11		0.50	0.023	mg/L		08/13/24 05:12	08/13/24 15:36	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		08/13/24 05:12	08/13/24 15:36	1
Nickel	0.0017		0.0010	0.00042	mg/L		08/13/24 05:12	08/13/24 15:36	1
Potassium	1.2		0.50	0.044	mg/L		08/13/24 05:12	08/13/24 15:36	1
Selenium	<0.00099		0.0050	0.00099	mg/L		08/13/24 05:12	08/13/24 15:36	1
Silver	<0.00039		0.0010	0.00039	mg/L		08/13/24 05:12	08/13/24 15:36	1
Sodium	4.6		0.50	0.20	mg/L		08/13/24 05:12	08/13/24 15:36	1
Thallium	<0.00026		0.0010	0.00026	mg/L		08/13/24 05:12	08/13/24 15:36	1
Vanadium	0.0019	J	0.0020	0.00063	mg/L		08/13/24 05:12	08/13/24 15:36	1
Zinc	0.0041	J	0.0050	0.0028	mg/L		08/13/24 05:12	08/13/24 15:36	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		08/14/24 12:11	08/14/24 17:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	77		5.0	2.2	mg/L			08/16/24 15:44	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	77		5.0	5.0	mg/L			08/16/24 15:44	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			08/16/24 15:44	1
Total Dissolved Solids (SM 2540C-2011)	110		10	10	mg/L			08/15/24 15:55	1

Client Sample ID: SCH-GWA-40

Lab Sample ID: 680-254479-10

Date Collected: 08/08/24 15:33

Matrix: Water

Date Received: 08/09/24 14:55

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	0.46	J	1.0	0.40	mg/L			08/20/24 17:30	1
Fluoride	<0.040		0.10	0.040	mg/L			08/20/24 17:30	1
Chloride	1.2		1.0	0.20	mg/L			08/20/24 17:30	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		08/13/24 05:12	08/13/24 15:09	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		08/13/24 05:12	08/13/24 15:09	1
Barium	0.071		0.010	0.00089	mg/L		08/13/24 05:12	08/13/24 15:09	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		08/13/24 05:12	08/13/24 15:09	1
Boron	<0.022		0.080	0.022	mg/L		08/13/24 05:12	08/13/24 15:09	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		08/13/24 05:12	08/13/24 15:09	1
Calcium	9.1		0.50	0.14	mg/L		08/13/24 05:12	08/13/24 15:09	1
Chromium	<0.0012		0.0020	0.0012	mg/L		08/13/24 05:12	08/13/24 15:09	1
Cobalt	0.011		0.0025	0.00022	mg/L		08/13/24 05:12	08/13/24 15:09	1
Copper	<0.0011		0.0020	0.0011	mg/L		08/13/24 05:12	08/13/24 15:09	1
Lead	<0.00021		0.0010	0.00021	mg/L		08/13/24 05:12	08/13/24 15:09	1
Lithium	<0.0020		0.0050	0.0020	mg/L		08/13/24 05:12	08/14/24 16:47	1
Magnesium	6.2		0.50	0.023	mg/L		08/13/24 05:12	08/13/24 15:09	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		08/13/24 05:12	08/13/24 15:09	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254479-1

Client Sample ID: SCH-GWA-40

Lab Sample ID: 680-254479-10

Date Collected: 08/08/24 15:33

Matrix: Water

Date Received: 08/09/24 14:55

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	0.015		0.0010	0.00042	mg/L		08/13/24 05:12	08/13/24 15:09	1
Potassium	0.80		0.50	0.044	mg/L		08/13/24 05:12	08/13/24 15:09	1
Selenium	<0.00099		0.0050	0.00099	mg/L		08/13/24 05:12	08/13/24 15:09	1
Silver	<0.00039		0.0010	0.00039	mg/L		08/13/24 05:12	08/13/24 15:09	1
Sodium	2.5		0.50	0.20	mg/L		08/13/24 05:12	08/13/24 15:09	1
Thallium	<0.00026		0.0010	0.00026	mg/L		08/13/24 05:12	08/13/24 15:09	1
Vanadium	0.0012	J	0.0020	0.00063	mg/L		08/13/24 05:12	08/13/24 15:09	1
Zinc	0.015		0.0050	0.0028	mg/L		08/13/24 05:12	08/13/24 15:09	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		08/14/24 12:11	08/14/24 17:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	54		5.0	2.2	mg/L			08/16/24 18:26	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	54		5.0	5.0	mg/L			08/16/24 18:26	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			08/16/24 18:26	1
Total Dissolved Solids (SM 2540C-2011)	64		10	10	mg/L			08/15/24 15:55	1

Client Sample ID: SCH-CELL3-EB-10

Lab Sample ID: 680-254479-11

Date Collected: 08/08/24 15:55

Matrix: Water

Date Received: 08/09/24 14:55

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			08/20/24 18:43	1
Fluoride	<0.040		0.10	0.040	mg/L			08/20/24 18:43	1
Chloride	<0.20		1.0	0.20	mg/L			08/20/24 18:43	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		08/13/24 05:12	08/13/24 15:17	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		08/13/24 05:12	08/13/24 15:17	1
Barium	<0.00089		0.010	0.00089	mg/L		08/13/24 05:12	08/13/24 15:17	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		08/13/24 05:12	08/13/24 15:17	1
Boron	<0.022		0.080	0.022	mg/L		08/13/24 05:12	08/13/24 15:17	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		08/13/24 05:12	08/13/24 15:17	1
Calcium	<0.14		0.50	0.14	mg/L		08/13/24 05:12	08/13/24 15:17	1
Chromium	<0.0012		0.0020	0.0012	mg/L		08/13/24 05:12	08/13/24 15:17	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		08/13/24 05:12	08/13/24 15:17	1
Copper	<0.0011		0.0020	0.0011	mg/L		08/13/24 05:12	08/13/24 15:17	1
Lead	<0.00021		0.0010	0.00021	mg/L		08/13/24 05:12	08/13/24 15:17	1
Lithium	<0.0020		0.0050	0.0020	mg/L		08/13/24 05:12	08/14/24 16:59	1
Magnesium	<0.023		0.50	0.023	mg/L		08/13/24 05:12	08/13/24 15:17	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		08/13/24 05:12	08/13/24 15:17	1
Nickel	<0.00042		0.0010	0.00042	mg/L		08/13/24 05:12	08/13/24 15:17	1
Potassium	<0.044		0.50	0.044	mg/L		08/13/24 05:12	08/13/24 15:17	1

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Client Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254479-1

Client Sample ID: SCH-CELL3-EB-10

Lab Sample ID: 680-254479-11

Date Collected: 08/08/24 15:55

Matrix: Water

Date Received: 08/09/24 14:55

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	<0.00099		0.0050	0.00099	mg/L		08/13/24 05:12	08/13/24 15:17	1
Silver	<0.00039		0.0010	0.00039	mg/L		08/13/24 05:12	08/13/24 15:17	1
Sodium	<0.20		0.50	0.20	mg/L		08/13/24 05:12	08/13/24 15:17	1
Thallium	<0.00026		0.0010	0.00026	mg/L		08/13/24 05:12	08/13/24 15:17	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		08/13/24 05:12	08/13/24 15:17	1
Zinc	<0.0028		0.0050	0.0028	mg/L		08/13/24 05:12	08/13/24 15:17	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		08/14/24 12:11	08/14/24 17:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			08/16/24 18:32	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			08/16/24 18:32	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			08/16/24 18:32	1
Total Dissolved Solids (SM 2540C-2011)	<10		10	10	mg/L			08/15/24 15:55	1

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254479-1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography

Lab Sample ID: MB 680-852151/2
Matrix: Water
Analysis Batch: 852151

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			08/20/24 14:37	1
Fluoride	<0.040		0.10	0.040	mg/L			08/20/24 14:37	1
Chloride	<0.20		1.0	0.20	mg/L			08/20/24 14:37	1

Lab Sample ID: LCS 680-852151/3
Matrix: Water
Analysis Batch: 852151

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	10.0	9.68		mg/L		97	90 - 110
Fluoride	2.00	1.83		mg/L		91	90 - 110
Chloride	10.0	9.65		mg/L		96	90 - 110

Lab Sample ID: LCSD 680-852151/4
Matrix: Water
Analysis Batch: 852151

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	10.0	9.84		mg/L		98	90 - 110	2	15
Fluoride	2.00	1.86		mg/L		93	90 - 110	2	15
Chloride	10.0	9.90		mg/L		99	90 - 110	3	15

Lab Sample ID: 680-254479-1 MS
Matrix: Water
Analysis Batch: 852151

Client Sample ID: SCH-GWC-33A
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	<0.40		10.0	9.10		mg/L		91	80 - 120
Fluoride	0.053	J	2.00	1.71		mg/L		83	80 - 120
Chloride	2.3		10.0	11.6		mg/L		94	80 - 120

Lab Sample ID: 680-254479-1 MSD
Matrix: Water
Analysis Batch: 852151

Client Sample ID: SCH-GWC-33A
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	<0.40		10.0	9.51		mg/L		95	80 - 120	4	15
Fluoride	0.053	J	2.00	1.82		mg/L		88	80 - 120	6	15
Chloride	2.3		10.0	12.5		mg/L		102	80 - 120	7	15

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 680-850956/1-A
Matrix: Water
Analysis Batch: 851266

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 850956

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		08/12/24 12:35	08/13/24 18:09	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		08/12/24 12:35	08/13/24 18:09	1
Barium	<0.00089		0.010	0.00089	mg/L		08/12/24 12:35	08/13/24 18:09	1

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QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254479-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 680-850956/1-A
Matrix: Water
Analysis Batch: 851266

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 850956

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	<0.00020		0.0025	0.00020	mg/L		08/12/24 12:35	08/13/24 18:09	1
Boron	<0.022		0.080	0.022	mg/L		08/12/24 12:35	08/13/24 18:09	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		08/12/24 12:35	08/13/24 18:09	1
Calcium	<0.14		0.50	0.14	mg/L		08/12/24 12:35	08/13/24 18:09	1
Chromium	<0.0012		0.0020	0.0012	mg/L		08/12/24 12:35	08/13/24 18:09	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		08/12/24 12:35	08/13/24 18:09	1
Copper	<0.0011		0.0020	0.0011	mg/L		08/12/24 12:35	08/13/24 18:09	1
Lead	<0.00021		0.0010	0.00021	mg/L		08/12/24 12:35	08/13/24 18:09	1
Magnesium	<0.023		0.50	0.023	mg/L		08/12/24 12:35	08/13/24 18:09	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		08/12/24 12:35	08/13/24 18:09	1
Nickel	<0.00042		0.0010	0.00042	mg/L		08/12/24 12:35	08/13/24 18:09	1
Potassium	<0.044		0.50	0.044	mg/L		08/12/24 12:35	08/13/24 18:09	1
Selenium	<0.00099		0.0050	0.00099	mg/L		08/12/24 12:35	08/13/24 18:09	1
Silver	<0.00039		0.0010	0.00039	mg/L		08/12/24 12:35	08/13/24 18:09	1
Sodium	<0.20		0.50	0.20	mg/L		08/12/24 12:35	08/13/24 18:09	1
Thallium	<0.00026		0.0010	0.00026	mg/L		08/12/24 12:35	08/13/24 18:09	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		08/12/24 12:35	08/13/24 18:09	1
Zinc	<0.0028		0.0050	0.0028	mg/L		08/12/24 12:35	08/13/24 18:09	1

Lab Sample ID: MB 680-850956/1-A
Matrix: Water
Analysis Batch: 851534

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 850956

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.0020		0.0050	0.0020	mg/L		08/12/24 12:35	08/14/24 15:42	1

Lab Sample ID: LCS 680-850956/2-A
Matrix: Water
Analysis Batch: 851266

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 850956

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0518		mg/L		104	80 - 120
Arsenic	0.100	0.106		mg/L		106	80 - 120
Barium	0.100	0.102		mg/L		102	80 - 120
Beryllium	0.0500	0.0540		mg/L		108	80 - 120
Boron	0.400	0.412		mg/L		103	80 - 120
Cadmium	0.0500	0.0532		mg/L		106	80 - 120
Calcium	5.00	5.23		mg/L		105	80 - 120
Chromium	0.100	0.105		mg/L		105	80 - 120
Cobalt	0.0500	0.0545		mg/L		109	80 - 120
Copper	0.101	0.107		mg/L		106	80 - 120
Lead	0.500	0.495		mg/L		99	80 - 120
Magnesium	5.00	5.36		mg/L		107	80 - 120
Molybdenum	0.100	0.106		mg/L		106	80 - 120
Nickel	0.100	0.108		mg/L		108	80 - 120
Potassium	7.00	7.59		mg/L		108	80 - 120
Selenium	0.100	0.103		mg/L		103	80 - 120
Silver	0.0500	0.0526		mg/L		105	80 - 120
Sodium	5.00	5.26		mg/L		105	80 - 120

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QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254479-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 680-850956/2-A
Matrix: Water
Analysis Batch: 851266

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 850956

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Thallium	0.0500	0.0501		mg/L		100	80 - 120
Vanadium	0.100	0.103		mg/L		103	80 - 120
Zinc	0.100	0.105		mg/L		105	80 - 120

Lab Sample ID: LCS 680-850956/2-A
Matrix: Water
Analysis Batch: 851534

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 850956

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	0.500	0.527		mg/L		105	80 - 120

Lab Sample ID: 400-260438-A-10-B MS
Matrix: Water
Analysis Batch: 851266

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 850956

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.00034	F2	0.0500	0.0486		mg/L		97	75 - 125
Arsenic	0.0015	F2	0.100	0.101		mg/L		100	75 - 125
Barium	0.032	F2 F1	0.100	0.126		mg/L		94	75 - 125
Beryllium	<0.00020	F2 F1	0.0500	0.0518		mg/L		104	75 - 125
Boron	0.023	J F2 F1	0.400	0.406		mg/L		96	75 - 125
Cadmium	<0.000078	F2 F1	0.0500	0.0511		mg/L		102	75 - 125
Calcium	4.4	F2 F1	5.00	8.57		mg/L		84	75 - 125
Chromium	<0.0012	F2	0.100	0.101		mg/L		101	75 - 125
Cobalt	0.0022	J F2 F1	0.0500	0.0543		mg/L		104	75 - 125
Copper	<0.0011	F2 F1	0.101	0.102		mg/L		101	75 - 125
Lead	<0.00021	F2	0.500	0.473		mg/L		95	75 - 125
Magnesium	1.0	F2 F1	5.00	5.98		mg/L		99	75 - 125
Molybdenum	<0.00086	F2	0.100	0.101		mg/L		101	75 - 125
Nickel	0.0026	F2 F1	0.100	0.104		mg/L		102	75 - 125
Potassium	1.8	F2 F1	7.00	8.80		mg/L		100	75 - 125
Selenium	<0.00099	F2	0.100	0.0990		mg/L		99	75 - 125
Silver	<0.00039	F2 F1	0.0500	0.0504		mg/L		101	75 - 125
Sodium	3.9	F2 F1	5.00	8.33		mg/L		89	75 - 125
Thallium	<0.00026	F2	0.0500	0.0482		mg/L		96	75 - 125
Vanadium	<0.00063	F2	0.100	0.0991		mg/L		99	75 - 125
Zinc	0.025	F2 F1	0.100	0.121		mg/L		96	75 - 125

Lab Sample ID: 400-260438-A-10-B MS
Matrix: Water
Analysis Batch: 851534

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 850956

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	0.034		0.500	0.526		mg/L		98	75 - 125

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254479-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 400-260438-A-10-C MSD
Matrix: Water
Analysis Batch: 851266

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 850956

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Antimony	<0.00034	F2	0.0500	0.0626	F2	mg/L		125	75 - 125	25	20
Arsenic	0.0015	F2	0.100	0.125	F2	mg/L		124	75 - 125	21	20
Barium	0.032	F2 F1	0.100	0.160	F1 F2	mg/L		128	75 - 125	23	20
Beryllium	<0.00020	F2 F1	0.0500	0.0656	F1 F2	mg/L		131	75 - 125	24	20
Boron	0.023	J F2 F1	0.400	0.528	F1 F2	mg/L		126	75 - 125	26	20
Cadmium	<0.000078	F2 F1	0.0500	0.0644	F1 F2	mg/L		129	75 - 125	23	20
Calcium	4.4	F2 F1	5.00	11.0	F1 F2	mg/L		132	75 - 125	25	20
Chromium	<0.0012	F2	0.100	0.125	F2	mg/L		125	75 - 125	22	20
Cobalt	0.0022	J F2 F1	0.0500	0.0669	F1 F2	mg/L		129	75 - 125	21	20
Copper	<0.0011	F2 F1	0.101	0.129	F1 F2	mg/L		127	75 - 125	23	20
Lead	<0.00021	F2	0.500	0.596	F2	mg/L		119	75 - 125	23	20
Magnesium	1.0	F2 F1	5.00	7.58	F1 F2	mg/L		131	75 - 125	24	20
Molybdenum	<0.00086	F2	0.100	0.125	F2	mg/L		125	75 - 125	22	20
Nickel	0.0026	F2 F1	0.100	0.130	F1 F2	mg/L		128	75 - 125	22	20
Potassium	1.8	F2 F1	7.00	11.0	F1 F2	mg/L		132	75 - 125	23	20
Selenium	<0.00099	F2	0.100	0.124	F2	mg/L		124	75 - 125	23	20
Silver	<0.00039	F2 F1	0.0500	0.0630	F1 F2	mg/L		126	75 - 125	22	20
Sodium	3.9	F2 F1	5.00	10.3	F1 F2	mg/L		129	75 - 125	21	20
Thallium	<0.00026	F2	0.0500	0.0606	F2	mg/L		121	75 - 125	23	20
Vanadium	<0.00063	F2	0.100	0.122	F2	mg/L		122	75 - 125	21	20
Zinc	0.025	F2 F1	0.100	0.152	F1 F2	mg/L		128	75 - 125	23	20

Lab Sample ID: 400-260438-A-10-C MSD
Matrix: Water
Analysis Batch: 851534

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 850956

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Lithium	0.034		0.500	0.534		mg/L		100	75 - 125	1	20

Lab Sample ID: MB 680-851020/1-A
Matrix: Water
Analysis Batch: 851266

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 851020

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Antimony	<0.00034		0.0020	0.00034	mg/L		08/13/24 05:12	08/13/24 15:03	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		08/13/24 05:12	08/13/24 15:03	1
Barium	<0.00089		0.010	0.00089	mg/L		08/13/24 05:12	08/13/24 15:03	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		08/13/24 05:12	08/13/24 15:03	1
Boron	<0.022		0.080	0.022	mg/L		08/13/24 05:12	08/13/24 15:03	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		08/13/24 05:12	08/13/24 15:03	1
Calcium	<0.14		0.50	0.14	mg/L		08/13/24 05:12	08/13/24 15:03	1
Chromium	<0.0012		0.0020	0.0012	mg/L		08/13/24 05:12	08/13/24 15:03	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		08/13/24 05:12	08/13/24 15:03	1
Copper	<0.0011		0.0020	0.0011	mg/L		08/13/24 05:12	08/13/24 15:03	1
Lead	<0.00021		0.0010	0.00021	mg/L		08/13/24 05:12	08/13/24 15:03	1
Magnesium	<0.023		0.50	0.023	mg/L		08/13/24 05:12	08/13/24 15:03	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		08/13/24 05:12	08/13/24 15:03	1
Nickel	<0.00042		0.0010	0.00042	mg/L		08/13/24 05:12	08/13/24 15:03	1
Potassium	<0.044		0.50	0.044	mg/L		08/13/24 05:12	08/13/24 15:03	1

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QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254479-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 680-851020/1-A
Matrix: Water
Analysis Batch: 851266

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 851020

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	<0.00099		0.0050	0.00099	mg/L		08/13/24 05:12	08/13/24 15:03	1
Silver	<0.00039		0.0010	0.00039	mg/L		08/13/24 05:12	08/13/24 15:03	1
Sodium	<0.20		0.50	0.20	mg/L		08/13/24 05:12	08/13/24 15:03	1
Thallium	<0.00026		0.0010	0.00026	mg/L		08/13/24 05:12	08/13/24 15:03	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		08/13/24 05:12	08/13/24 15:03	1
Zinc	<0.0028		0.0050	0.0028	mg/L		08/13/24 05:12	08/13/24 15:03	1

Lab Sample ID: MB 680-851020/1-A
Matrix: Water
Analysis Batch: 851534

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 851020

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.0020		0.0050	0.0020	mg/L		08/13/24 05:12	08/14/24 16:39	1

Lab Sample ID: LCS 680-851020/2-A
Matrix: Water
Analysis Batch: 851266

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 851020

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0546		mg/L		109	80 - 120
Arsenic	0.100	0.110		mg/L		110	80 - 120
Barium	0.100	0.108		mg/L		108	80 - 120
Beryllium	0.0500	0.0563		mg/L		113	80 - 120
Boron	0.400	0.429		mg/L		107	80 - 120
Cadmium	0.0500	0.0562		mg/L		112	80 - 120
Calcium	5.00	5.53		mg/L		111	80 - 120
Chromium	0.100	0.110		mg/L		110	80 - 120
Cobalt	0.0500	0.0571		mg/L		114	80 - 120
Copper	0.101	0.113		mg/L		111	80 - 120
Lead	0.500	0.517		mg/L		103	80 - 120
Magnesium	5.00	5.55		mg/L		111	80 - 120
Molybdenum	0.100	0.110		mg/L		110	80 - 120
Nickel	0.100	0.113		mg/L		113	80 - 120
Potassium	7.00	7.93		mg/L		113	80 - 120
Selenium	0.100	0.108		mg/L		108	80 - 120
Silver	0.0500	0.0553		mg/L		111	80 - 120
Sodium	5.00	5.48		mg/L		110	80 - 120
Thallium	0.0500	0.0529		mg/L		106	80 - 120
Vanadium	0.100	0.109		mg/L		109	80 - 120
Zinc	0.100	0.115		mg/L		115	80 - 120

Lab Sample ID: LCS 680-851020/2-A
Matrix: Water
Analysis Batch: 851534

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 851020

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	0.500	0.486		mg/L		97	80 - 120

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QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254479-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-254479-10 MS

Matrix: Water

Analysis Batch: 851266

Client Sample ID: SCH-GWA-40

Prep Type: Total Recoverable

Prep Batch: 851020

Analyte	Sample	Sample Qualifier	Spike Added	MS	MS	Unit	D	%Rec	%Rec	Limits
	Result			Result	Qualifier				Limit	
Antimony	<0.00034		0.0500	0.0563		mg/L		113	75 - 125	
Arsenic	<0.00086		0.100	0.112		mg/L		112	75 - 125	
Barium	0.071		0.100	0.180		mg/L		109	75 - 125	
Beryllium	<0.00020		0.0500	0.0583		mg/L		117	75 - 125	
Boron	<0.022		0.400	0.456		mg/L		114	75 - 125	
Cadmium	<0.000078		0.0500	0.0574		mg/L		115	75 - 125	
Calcium	9.1		5.00	14.3		mg/L		104	75 - 125	
Chromium	<0.0012		0.100	0.112		mg/L		112	75 - 125	
Cobalt	0.011		0.0500	0.0684		mg/L		114	75 - 125	
Copper	<0.0011		0.101	0.114		mg/L		113	75 - 125	
Lead	<0.00021		0.500	0.532		mg/L		106	75 - 125	
Magnesium	6.2		5.00	11.6		mg/L		109	75 - 125	
Molybdenum	<0.00086		0.100	0.112		mg/L		112	75 - 125	
Nickel	0.015		0.100	0.129		mg/L		113	75 - 125	
Potassium	0.80		7.00	8.85		mg/L		115	75 - 125	
Selenium	<0.00099		0.100	0.111		mg/L		111	75 - 125	
Silver	<0.00039		0.0500	0.0565		mg/L		113	75 - 125	
Sodium	2.5		5.00	7.96		mg/L		110	75 - 125	
Thallium	<0.00026		0.0500	0.0548		mg/L		110	75 - 125	
Vanadium	0.0012	J	0.100	0.109		mg/L		108	75 - 125	
Zinc	0.015		0.100	0.127		mg/L		112	75 - 125	

Lab Sample ID: 680-254479-10 MS

Matrix: Water

Analysis Batch: 851534

Client Sample ID: SCH-GWA-40

Prep Type: Total Recoverable

Prep Batch: 851020

Analyte	Sample	Sample Qualifier	Spike Added	MS	MS	Unit	D	%Rec	%Rec	Limits
	Result			Result	Qualifier				Limit	
Lithium	<0.0020		0.500	0.477		mg/L		95	75 - 125	

Lab Sample ID: 680-254479-10 MSD

Matrix: Water

Analysis Batch: 851266

Client Sample ID: SCH-GWA-40

Prep Type: Total Recoverable

Prep Batch: 851020

Analyte	Sample	Sample Qualifier	Spike Added	MSD	MSD	Unit	D	%Rec	%Rec	RPD	Limit
	Result			Result	Qualifier				Limit		
Antimony	<0.00034		0.0500	0.0530		mg/L		106	75 - 125	6	20
Arsenic	<0.00086		0.100	0.107		mg/L		107	75 - 125	5	20
Barium	0.071		0.100	0.171		mg/L		100	75 - 125	5	20
Beryllium	<0.00020		0.0500	0.0554		mg/L		111	75 - 125	5	20
Boron	<0.022		0.400	0.431		mg/L		108	75 - 125	6	20
Cadmium	<0.000078		0.0500	0.0549		mg/L		110	75 - 125	4	20
Calcium	9.1		5.00	13.4		mg/L		85	75 - 125	7	20
Chromium	<0.0012		0.100	0.107		mg/L		107	75 - 125	4	20
Cobalt	0.011		0.0500	0.0650		mg/L		107	75 - 125	5	20
Copper	<0.0011		0.101	0.108		mg/L		107	75 - 125	5	20
Lead	<0.00021		0.500	0.506		mg/L		101	75 - 125	5	20
Magnesium	6.2		5.00	10.9		mg/L		94	75 - 125	6	20
Molybdenum	<0.00086		0.100	0.107		mg/L		107	75 - 125	5	20
Nickel	0.015		0.100	0.123		mg/L		108	75 - 125	4	20
Potassium	0.80		7.00	8.42		mg/L		109	75 - 125	5	20

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QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254479-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-254479-10 MSD
Matrix: Water
Analysis Batch: 851266

Client Sample ID: SCH-GWA-40
Prep Type: Total Recoverable
Prep Batch: 851020

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Selenium	<0.00099		0.100	0.104		mg/L		104	75 - 125	6	20
Silver	<0.00039		0.0500	0.0536		mg/L		107	75 - 125	5	20
Sodium	2.5		5.00	7.54		mg/L		101	75 - 125	5	20
Thallium	<0.00026		0.0500	0.0517		mg/L		103	75 - 125	6	20
Vanadium	0.0012	J	0.100	0.105		mg/L		104	75 - 125	4	20
Zinc	0.015		0.100	0.120		mg/L		105	75 - 125	6	20

Lab Sample ID: 680-254479-10 MSD
Matrix: Water
Analysis Batch: 851534

Client Sample ID: SCH-GWA-40
Prep Type: Total Recoverable
Prep Batch: 851020

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lithium	<0.0020		0.500	0.492		mg/L		98	75 - 125	3	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 680-851371/1-A
Matrix: Water
Analysis Batch: 851469

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 851371

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		08/14/24 12:11	08/14/24 17:02	1

Lab Sample ID: LCS 680-851371/2-A
Matrix: Water
Analysis Batch: 851469

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 851371

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00250	0.00252		mg/L		101	80 - 120

Lab Sample ID: 680-254564-H-1-E MSD
Matrix: Water
Analysis Batch: 851469

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 851371

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.000080		0.00100	0.00100		mg/L		100	80 - 120	1	20

Lab Sample ID: 680-254564-I-1-D MS
Matrix: Water
Analysis Batch: 851469

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 851371

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.000080		0.00100	0.000988		mg/L		99	80 - 120

Lab Sample ID: MB 680-851400/1-A
Matrix: Water
Analysis Batch: 851590

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 851400

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		08/14/24 14:35	08/14/24 19:41	1

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QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254479-1

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: LCS 680-851400/2-A
Matrix: Water
Analysis Batch: 851590

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 851400

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00250	0.00248		mg/L		99	80 - 120

Lab Sample ID: 680-254471-B-5-C MS
Matrix: Water
Analysis Batch: 851590

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 851400

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.000080		0.00100	0.000960		mg/L		96	80 - 120

Lab Sample ID: 680-254471-B-5-D MSD
Matrix: Water
Analysis Batch: 851590

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 851400

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Mercury	<0.000080		0.00100	0.000945		mg/L		95	80 - 120	2	20

Method: 2320B-2011 - Alkalinity, Total

Lab Sample ID: MB 680-852086/4
Matrix: Water
Analysis Batch: 852086

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<2.2		5.0	2.2	mg/L			08/16/24 11:56	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			08/16/24 11:56	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			08/16/24 11:56	1

Lab Sample ID: LCS 680-852086/6
Matrix: Water
Analysis Batch: 852086

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3 to pH 4.5	250	244		mg/L		98	90 - 112

Lab Sample ID: LCSD 680-852086/31
Matrix: Water
Analysis Batch: 852086

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Total Alkalinity as CaCO3 to pH 4.5	250	251		mg/L		100	90 - 112	3	30

Lab Sample ID: 680-254630-C-9 DU
Matrix: Water
Analysis Batch: 852086

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Total Alkalinity as CaCO3 to pH 4.5	310		310		mg/L		0.2	30
Bicarbonate Alkalinity as CaCO3	310		310		mg/L		0.2	30

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QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254479-1

Method: 2320B-2011 - Alkalinity, Total (Continued)

Lab Sample ID: 680-254630-C-9 DU
Matrix: Water
Analysis Batch: 852086

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Carbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	30

Lab Sample ID: MB 680-852088/4
Matrix: Water
Analysis Batch: 852088

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<2.2		5.0	2.2	mg/L			08/16/24 17:31	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			08/16/24 17:31	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			08/16/24 17:31	1

Lab Sample ID: LCS 680-852088/6
Matrix: Water
Analysis Batch: 852088

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3 to pH 4.5	250	242		mg/L		97	90 - 112

Lab Sample ID: LCSD 680-852088/31
Matrix: Water
Analysis Batch: 852088

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	250	247		mg/L		99	90 - 112	2	30

Lab Sample ID: 680-254602-A-2 DU
Matrix: Water
Analysis Batch: 852088

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	280		281		mg/L		0.6	30
Bicarbonate Alkalinity as CaCO3	280		281		mg/L		0.6	30
Carbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	30

Lab Sample ID: 680-254631-B-2 DU
Matrix: Water
Analysis Batch: 852088

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	77		75.9		mg/L		0.8	30
Bicarbonate Alkalinity as CaCO3	77		75.9		mg/L		0.8	30
Carbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	30

QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254479-1

Method: 2540C-2011 - Total Dissolved Solids (Dried at 180 °C)

Lab Sample ID: MB 680-851677/1
Matrix: Water
Analysis Batch: 851677

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			08/15/24 15:03	1

Lab Sample ID: LCS 680-851677/2
Matrix: Water
Analysis Batch: 851677

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	2440	2390		mg/L		98	80 - 120

Lab Sample ID: LCSD 680-851677/3
Matrix: Water
Analysis Batch: 851677

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids	2440	2360		mg/L		97	80 - 120	2	25

Lab Sample ID: 680-254471-A-15 DU
Matrix: Water
Analysis Batch: 851677

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	290		264	F3	mg/L		10	5

Lab Sample ID: MB 680-851686/1
Matrix: Water
Analysis Batch: 851686

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			08/15/24 15:55	1

Lab Sample ID: LCS 680-851686/2
Matrix: Water
Analysis Batch: 851686

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	2440	2400		mg/L		98	80 - 120

Lab Sample ID: LCSD 680-851686/3
Matrix: Water
Analysis Batch: 851686

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids	2440	2390		mg/L		98	80 - 120	0	25

Lab Sample ID: 680-254479-7 DU
Matrix: Water
Analysis Batch: 851686

Client Sample ID: SCH-GWC-35
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	250		248		mg/L		0.8	5

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QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254479-1

HPLC/IC

Analysis Batch: 852151

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254479-1	SCH-GWC-33A	Total/NA	Water	300.0-1993 R2.1	
680-254479-2	SCH-GWC-34	Total/NA	Water	300.0-1993 R2.1	
680-254479-3	SCH-GWC-37	Total/NA	Water	300.0-1993 R2.1	
680-254479-4	SCH-GWA-39	Total/NA	Water	300.0-1993 R2.1	
680-254479-5	SCH-CELL3-EB-9	Total/NA	Water	300.0-1993 R2.1	
680-254479-6	SCH-GWC-38	Total/NA	Water	300.0-1993 R2.1	
680-254479-7	SCH-GWC-35	Total/NA	Water	300.0-1993 R2.1	
680-254479-7	SCH-GWC-35	Total/NA	Water	300.0-1993 R2.1	
680-254479-8	SCH-GWA-54	Total/NA	Water	300.0-1993 R2.1	
680-254479-9	SCH-GWC-36	Total/NA	Water	300.0-1993 R2.1	
680-254479-10	SCH-GWA-40	Total/NA	Water	300.0-1993 R2.1	
680-254479-11	SCH-CELL3-EB-10	Total/NA	Water	300.0-1993 R2.1	
MB 680-852151/2	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-852151/3	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCS 680-852151/4	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
680-254479-1 MS	SCH-GWC-33A	Total/NA	Water	300.0-1993 R2.1	
680-254479-1 MSD	SCH-GWC-33A	Total/NA	Water	300.0-1993 R2.1	

Metals

Prep Batch: 850956

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254479-1	SCH-GWC-33A	Total Recoverable	Water	3005A	
680-254479-2	SCH-GWC-34	Total Recoverable	Water	3005A	
680-254479-3	SCH-GWC-37	Total Recoverable	Water	3005A	
680-254479-4	SCH-GWA-39	Total Recoverable	Water	3005A	
680-254479-5	SCH-CELL3-EB-9	Total Recoverable	Water	3005A	
MB 680-850956/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-850956/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
400-260438-A-10-B MS	Matrix Spike	Total Recoverable	Water	3005A	
400-260438-A-10-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Prep Batch: 851020

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254479-6	SCH-GWC-38	Total Recoverable	Water	3005A	
680-254479-7	SCH-GWC-35	Total Recoverable	Water	3005A	
680-254479-8	SCH-GWA-54	Total Recoverable	Water	3005A	
680-254479-9	SCH-GWC-36	Total Recoverable	Water	3005A	
680-254479-10	SCH-GWA-40	Total Recoverable	Water	3005A	
680-254479-11	SCH-CELL3-EB-10	Total Recoverable	Water	3005A	
MB 680-851020/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-851020/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
680-254479-10 MS	SCH-GWA-40	Total Recoverable	Water	3005A	
680-254479-10 MSD	SCH-GWA-40	Total Recoverable	Water	3005A	

Analysis Batch: 851266

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254479-1	SCH-GWC-33A	Total Recoverable	Water	6020B	850956
680-254479-2	SCH-GWC-34	Total Recoverable	Water	6020B	850956
680-254479-3	SCH-GWC-37	Total Recoverable	Water	6020B	850956
680-254479-4	SCH-GWA-39	Total Recoverable	Water	6020B	850956

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QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254479-1

Metals (Continued)

Analysis Batch: 851266 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254479-5	SCH-CELL3-EB-9	Total Recoverable	Water	6020B	850956
680-254479-6	SCH-GWC-38	Total Recoverable	Water	6020B	851020
680-254479-7	SCH-GWC-35	Total Recoverable	Water	6020B	851020
680-254479-8	SCH-GWA-54	Total Recoverable	Water	6020B	851020
680-254479-9	SCH-GWC-36	Total Recoverable	Water	6020B	851020
680-254479-10	SCH-GWA-40	Total Recoverable	Water	6020B	851020
680-254479-11	SCH-CELL3-EB-10	Total Recoverable	Water	6020B	851020
MB 680-850956/1-A	Method Blank	Total Recoverable	Water	6020B	850956
MB 680-851020/1-A	Method Blank	Total Recoverable	Water	6020B	851020
LCS 680-850956/2-A	Lab Control Sample	Total Recoverable	Water	6020B	850956
LCS 680-851020/2-A	Lab Control Sample	Total Recoverable	Water	6020B	851020
400-260438-A-10-B MS	Matrix Spike	Total Recoverable	Water	6020B	850956
400-260438-A-10-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	850956
680-254479-10 MS	SCH-GWA-40	Total Recoverable	Water	6020B	851020
680-254479-10 MSD	SCH-GWA-40	Total Recoverable	Water	6020B	851020

Prep Batch: 851371

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254479-2	SCH-GWC-34	Total/NA	Water	7470A	
680-254479-3	SCH-GWC-37	Total/NA	Water	7470A	
680-254479-4	SCH-GWA-39	Total/NA	Water	7470A	
680-254479-5	SCH-CELL3-EB-9	Total/NA	Water	7470A	
680-254479-6	SCH-GWC-38	Total/NA	Water	7470A	
680-254479-7	SCH-GWC-35	Total/NA	Water	7470A	
680-254479-8	SCH-GWA-54	Total/NA	Water	7470A	
680-254479-9	SCH-GWC-36	Total/NA	Water	7470A	
680-254479-10	SCH-GWA-40	Total/NA	Water	7470A	
680-254479-11	SCH-CELL3-EB-10	Total/NA	Water	7470A	
MB 680-851371/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-851371/2-A	Lab Control Sample	Total/NA	Water	7470A	
680-254564-H-1-E MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	
680-254564-I-1-D MS	Matrix Spike	Total/NA	Water	7470A	

Prep Batch: 851400

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254479-1	SCH-GWC-33A	Total/NA	Water	7470A	
MB 680-851400/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-851400/2-A	Lab Control Sample	Total/NA	Water	7470A	
680-254471-B-5-C MS	Matrix Spike	Total/NA	Water	7470A	
680-254471-B-5-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 851469

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254479-2	SCH-GWC-34	Total/NA	Water	7470A	851371
680-254479-3	SCH-GWC-37	Total/NA	Water	7470A	851371
680-254479-4	SCH-GWA-39	Total/NA	Water	7470A	851371
680-254479-5	SCH-CELL3-EB-9	Total/NA	Water	7470A	851371
680-254479-6	SCH-GWC-38	Total/NA	Water	7470A	851371
680-254479-7	SCH-GWC-35	Total/NA	Water	7470A	851371
680-254479-8	SCH-GWA-54	Total/NA	Water	7470A	851371
680-254479-9	SCH-GWC-36	Total/NA	Water	7470A	851371

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QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254479-1

Metals (Continued)

Analysis Batch: 851469 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254479-10	SCH-GWA-40	Total/NA	Water	7470A	851371
680-254479-11	SCH-CELL3-EB-10	Total/NA	Water	7470A	851371
MB 680-851371/1-A	Method Blank	Total/NA	Water	7470A	851371
LCS 680-851371/2-A	Lab Control Sample	Total/NA	Water	7470A	851371
680-254564-H-1-E MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	851371
680-254564-I-1-D MS	Matrix Spike	Total/NA	Water	7470A	851371

Analysis Batch: 851534

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254479-1	SCH-GWC-33A	Total Recoverable	Water	6020B	850956
680-254479-2	SCH-GWC-34	Total Recoverable	Water	6020B	850956
680-254479-3	SCH-GWC-37	Total Recoverable	Water	6020B	850956
680-254479-4	SCH-GWA-39	Total Recoverable	Water	6020B	850956
680-254479-5	SCH-CELL3-EB-9	Total Recoverable	Water	6020B	850956
680-254479-6	SCH-GWC-38	Total Recoverable	Water	6020B	851020
680-254479-7	SCH-GWC-35	Total Recoverable	Water	6020B	851020
680-254479-8	SCH-GWA-54	Total Recoverable	Water	6020B	851020
680-254479-9	SCH-GWC-36	Total Recoverable	Water	6020B	851020
680-254479-10	SCH-GWA-40	Total Recoverable	Water	6020B	851020
680-254479-11	SCH-CELL3-EB-10	Total Recoverable	Water	6020B	851020
MB 680-850956/1-A	Method Blank	Total Recoverable	Water	6020B	850956
MB 680-851020/1-A	Method Blank	Total Recoverable	Water	6020B	851020
LCS 680-850956/2-A	Lab Control Sample	Total Recoverable	Water	6020B	850956
LCS 680-851020/2-A	Lab Control Sample	Total Recoverable	Water	6020B	851020
400-260438-A-10-B MS	Matrix Spike	Total Recoverable	Water	6020B	850956
400-260438-A-10-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	850956
680-254479-10 MS	SCH-GWA-40	Total Recoverable	Water	6020B	851020
680-254479-10 MSD	SCH-GWA-40	Total Recoverable	Water	6020B	851020

Analysis Batch: 851590

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254479-1	SCH-GWC-33A	Total/NA	Water	7470A	851400
MB 680-851400/1-A	Method Blank	Total/NA	Water	7470A	851400
LCS 680-851400/2-A	Lab Control Sample	Total/NA	Water	7470A	851400
680-254471-B-5-C MS	Matrix Spike	Total/NA	Water	7470A	851400
680-254471-B-5-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	851400

General Chemistry

Analysis Batch: 851677

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254479-1	SCH-GWC-33A	Total/NA	Water	2540C-2011	
680-254479-2	SCH-GWC-34	Total/NA	Water	2540C-2011	
680-254479-3	SCH-GWC-37	Total/NA	Water	2540C-2011	
680-254479-4	SCH-GWA-39	Total/NA	Water	2540C-2011	
MB 680-851677/1	Method Blank	Total/NA	Water	2540C-2011	
LCS 680-851677/2	Lab Control Sample	Total/NA	Water	2540C-2011	
LCSD 680-851677/3	Lab Control Sample Dup	Total/NA	Water	2540C-2011	
680-254471-A-15 DU	Duplicate	Total/NA	Water	2540C-2011	

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254479-1

General Chemistry

Analysis Batch: 851686

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254479-5	SCH-CELL3-EB-9	Total/NA	Water	2540C-2011	
680-254479-6	SCH-GWC-38	Total/NA	Water	2540C-2011	
680-254479-7	SCH-GWC-35	Total/NA	Water	2540C-2011	
680-254479-8	SCH-GWA-54	Total/NA	Water	2540C-2011	
680-254479-9	SCH-GWC-36	Total/NA	Water	2540C-2011	
680-254479-10	SCH-GWA-40	Total/NA	Water	2540C-2011	
680-254479-11	SCH-CELL3-EB-10	Total/NA	Water	2540C-2011	
MB 680-851686/1	Method Blank	Total/NA	Water	2540C-2011	
LCS 680-851686/2	Lab Control Sample	Total/NA	Water	2540C-2011	
LCSD 680-851686/3	Lab Control Sample Dup	Total/NA	Water	2540C-2011	
680-254479-7 DU	SCH-GWC-35	Total/NA	Water	2540C-2011	

Analysis Batch: 852086

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254479-5	SCH-CELL3-EB-9	Total/NA	Water	2320B-2011	
680-254479-9	SCH-GWC-36	Total/NA	Water	2320B-2011	
MB 680-852086/4	Method Blank	Total/NA	Water	2320B-2011	
LCS 680-852086/6	Lab Control Sample	Total/NA	Water	2320B-2011	
LCSD 680-852086/31	Lab Control Sample Dup	Total/NA	Water	2320B-2011	
680-254630-C-9 DU	Duplicate	Total/NA	Water	2320B-2011	

Analysis Batch: 852088

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254479-1	SCH-GWC-33A	Total/NA	Water	2320B-2011	
680-254479-2	SCH-GWC-34	Total/NA	Water	2320B-2011	
680-254479-3	SCH-GWC-37	Total/NA	Water	2320B-2011	
680-254479-4	SCH-GWA-39	Total/NA	Water	2320B-2011	
680-254479-6	SCH-GWC-38	Total/NA	Water	2320B-2011	
680-254479-7	SCH-GWC-35	Total/NA	Water	2320B-2011	
680-254479-8	SCH-GWA-54	Total/NA	Water	2320B-2011	
680-254479-10	SCH-GWA-40	Total/NA	Water	2320B-2011	
680-254479-11	SCH-CELL3-EB-10	Total/NA	Water	2320B-2011	
MB 680-852088/4	Method Blank	Total/NA	Water	2320B-2011	
LCS 680-852088/6	Lab Control Sample	Total/NA	Water	2320B-2011	
LCSD 680-852088/31	Lab Control Sample Dup	Total/NA	Water	2320B-2011	
680-254602-A-2 DU	Duplicate	Total/NA	Water	2320B-2011	
680-254631-B-2 DU	Duplicate	Total/NA	Water	2320B-2011	

Lab Chronicle

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254479-1

Client Sample ID: SCH-GWC-33A

Lab Sample ID: 680-254479-1

Date Collected: 08/08/24 08:52

Matrix: Water

Date Received: 08/09/24 14:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	852151	08/20/24 15:43	KMB	EET SAV
Instrument ID: CICP										
Total Recoverable	Prep	3005A			25 mL	125 mL	850956	08/12/24 12:35	RR	EET SAV
Total Recoverable	Analysis	6020B		1			851534	08/14/24 16:06	BWR	EET SAV
Instrument ID: ICPMSC										
Total Recoverable	Prep	3005A			25 mL	125 mL	850956	08/12/24 12:35	RR	EET SAV
Total Recoverable	Analysis	6020B		1			851266	08/13/24 19:15	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	851400	08/14/24 14:35	MG	EET SAV
Total/NA	Analysis	7470A		1			851590	08/14/24 20:28	BJB	EET SAV
Instrument ID: QuickTrace2										
Total/NA	Analysis	2320B-2011		1			852088	08/16/24 19:29	PG	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	851677	08/15/24 15:03	PG	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWC-34

Lab Sample ID: 680-254479-2

Date Collected: 08/08/24 11:10

Matrix: Water

Date Received: 08/09/24 14:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	852151	08/20/24 16:12	KMB	EET SAV
Instrument ID: CICP										
Total Recoverable	Prep	3005A			25 mL	125 mL	850956	08/12/24 12:35	RR	EET SAV
Total Recoverable	Analysis	6020B		1			851534	08/14/24 16:02	BWR	EET SAV
Instrument ID: ICPMSC										
Total Recoverable	Prep	3005A			25 mL	125 mL	850956	08/12/24 12:35	RR	EET SAV
Total Recoverable	Analysis	6020B		1			851266	08/13/24 19:12	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	851371	08/14/24 12:11	MG	EET SAV
Total/NA	Analysis	7470A		1			851469	08/14/24 17:57	BJB	EET SAV
Instrument ID: QuickTrace3										
Total/NA	Analysis	2320B-2011		1			852088	08/16/24 19:04	PG	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	851677	08/15/24 15:03	PG	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWC-37

Lab Sample ID: 680-254479-3

Date Collected: 08/08/24 11:43

Matrix: Water

Date Received: 08/09/24 14:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	852151	08/20/24 16:22	KMB	EET SAV
Instrument ID: CICP										

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Lab Chronicle

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254479-1

Client Sample ID: SCH-GWC-37
Date Collected: 08/08/24 11:43
Date Received: 08/09/24 14:55

Lab Sample ID: 680-254479-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			25 mL	125 mL	850956	08/12/24 12:35	RR	EET SAV
Total Recoverable	Analysis	6020B		1			851534	08/14/24 16:10	BWR	EET SAV
Instrument ID: ICPMSC										
Total Recoverable	Prep	3005A			25 mL	125 mL	850956	08/12/24 12:35	RR	EET SAV
Total Recoverable	Analysis	6020B		1			851266	08/13/24 19:18	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	851371	08/14/24 12:11	MG	EET SAV
Total/NA	Analysis	7470A		1			851469	08/14/24 17:28	BJB	EET SAV
Instrument ID: QuickTrace3										
Total/NA	Analysis	2320B-2011		1			852088	08/16/24 19:20	PG	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	851677	08/15/24 15:03	PG	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWA-39
Date Collected: 08/08/24 09:49
Date Received: 08/09/24 14:55

Lab Sample ID: 680-254479-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	852151	08/20/24 16:32	KMB	EET SAV
Instrument ID: CICP										
Total Recoverable	Prep	3005A			25 mL	125 mL	850956	08/12/24 12:35	RR	EET SAV
Total Recoverable	Analysis	6020B		1			851534	08/14/24 16:14	BWR	EET SAV
Instrument ID: ICPMSC										
Total Recoverable	Prep	3005A			25 mL	125 mL	850956	08/12/24 12:35	RR	EET SAV
Total Recoverable	Analysis	6020B		1			851266	08/13/24 19:21	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	851371	08/14/24 12:11	MG	EET SAV
Total/NA	Analysis	7470A		1			851469	08/14/24 17:59	BJB	EET SAV
Instrument ID: QuickTrace3										
Total/NA	Analysis	2320B-2011		1			852088	08/16/24 21:10	PG	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	851677	08/15/24 15:03	PG	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-CELL3-EB-9
Date Collected: 08/08/24 09:50
Date Received: 08/09/24 14:55

Lab Sample ID: 680-254479-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	852151	08/20/24 16:41	KMB	EET SAV
Instrument ID: CICP										
Total Recoverable	Prep	3005A			25 mL	125 mL	850956	08/12/24 12:35	RR	EET SAV
Total Recoverable	Analysis	6020B		1			851534	08/14/24 16:18	BWR	EET SAV
Instrument ID: ICPMSC										

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Lab Chronicle

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254479-1

Client Sample ID: SCH-CELL3-EB-9

Lab Sample ID: 680-254479-5

Date Collected: 08/08/24 09:50

Matrix: Water

Date Received: 08/09/24 14:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			25 mL	125 mL	850956	08/12/24 12:35	RR	EET SAV
Total Recoverable	Analysis	6020B		1			851266	08/13/24 19:23	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	851371	08/14/24 12:11	MG	EET SAV
Total/NA	Analysis	7470A		1			851469	08/14/24 17:20	BJB	EET SAV
Instrument ID: QuickTrace3										
Total/NA	Analysis	2320B-2011		1			852086	08/16/24 15:50	PG	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	851686	08/15/24 15:55	PG	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWC-38

Lab Sample ID: 680-254479-6

Date Collected: 08/08/24 13:00

Matrix: Water

Date Received: 08/09/24 14:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	852151	08/20/24 16:51	KMB	EET SAV
Instrument ID: CICP										
Total Recoverable	Prep	3005A			25 mL	125 mL	851020	08/13/24 05:12	RR	EET SAV
Total Recoverable	Analysis	6020B		1			851534	08/14/24 17:03	BWR	EET SAV
Instrument ID: ICPMSC										
Total Recoverable	Prep	3005A			25 mL	125 mL	851020	08/13/24 05:12	RR	EET SAV
Total Recoverable	Analysis	6020B		1			851266	08/13/24 15:22	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	851371	08/14/24 12:11	MG	EET SAV
Total/NA	Analysis	7470A		1			851469	08/14/24 17:22	BJB	EET SAV
Instrument ID: QuickTrace3										
Total/NA	Analysis	2320B-2011		1			852088	08/16/24 21:00	PG	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	851686	08/15/24 15:55	PG	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWC-35

Lab Sample ID: 680-254479-7

Date Collected: 08/08/24 12:45

Matrix: Water

Date Received: 08/09/24 14:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	852151	08/20/24 17:01	KMB	EET SAV
Instrument ID: CICP										
Total/NA	Analysis	300.0-1993 R2.1		10	5 mL	5 mL	852151	08/20/24 17:41	KMB	EET SAV
Instrument ID: CICP										
Total Recoverable	Prep	3005A			25 mL	125 mL	851020	08/13/24 05:12	RR	EET SAV
Total Recoverable	Analysis	6020B		1			851534	08/14/24 17:07	BWR	EET SAV
Instrument ID: ICPMSC										

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254479-1

Client Sample ID: SCH-GWC-35

Lab Sample ID: 680-254479-7

Date Collected: 08/08/24 12:45

Matrix: Water

Date Received: 08/09/24 14:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			25 mL	125 mL	851020	08/13/24 05:12	RR	EET SAV
Total Recoverable	Analysis	6020B		1			851266	08/13/24 15:25	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	851371	08/14/24 12:11	MG	EET SAV
Total/NA	Analysis	7470A		1			851469	08/14/24 17:13	BJB	EET SAV
Instrument ID: QuickTrace3										
Total/NA	Analysis	2320B-2011		1			852088	08/16/24 18:18	PG	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	851686	08/15/24 15:55	PG	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWA-54

Lab Sample ID: 680-254479-8

Date Collected: 08/08/24 15:11

Matrix: Water

Date Received: 08/09/24 14:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	852151	08/20/24 17:11	KMB	EET SAV
Instrument ID: CICP										
Total Recoverable	Prep	3005A			25 mL	125 mL	851020	08/13/24 05:12	RR	EET SAV
Total Recoverable	Analysis	6020B		1			851534	08/14/24 17:11	BWR	EET SAV
Instrument ID: ICPMSC										
Total Recoverable	Prep	3005A			25 mL	125 mL	851020	08/13/24 05:12	RR	EET SAV
Total Recoverable	Analysis	6020B		1			851266	08/13/24 15:33	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	851371	08/14/24 12:11	MG	EET SAV
Total/NA	Analysis	7470A		1			851469	08/14/24 17:17	BJB	EET SAV
Instrument ID: QuickTrace3										
Total/NA	Analysis	2320B-2011		1			852088	08/16/24 18:40	PG	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	851686	08/15/24 15:55	PG	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWC-36

Lab Sample ID: 680-254479-9

Date Collected: 08/08/24 15:35

Matrix: Water

Date Received: 08/09/24 14:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	852151	08/20/24 17:20	KMB	EET SAV
Instrument ID: CICP										
Total Recoverable	Prep	3005A			25 mL	125 mL	851020	08/13/24 05:12	RR	EET SAV
Total Recoverable	Analysis	6020B		1			851534	08/14/24 17:15	BWR	EET SAV
Instrument ID: ICPMSC										
Total Recoverable	Prep	3005A			25 mL	125 mL	851020	08/13/24 05:12	RR	EET SAV
Total Recoverable	Analysis	6020B		1			851266	08/13/24 15:36	BWR	EET SAV
Instrument ID: ICPMSD										

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Lab Chronicle

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254479-1

Client Sample ID: SCH-GWC-36

Lab Sample ID: 680-254479-9

Date Collected: 08/08/24 15:35

Matrix: Water

Date Received: 08/09/24 14:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			50 mL	50 mL	851371	08/14/24 12:11	MG	EET SAV
Total/NA	Analysis	7470A		1			851469	08/14/24 17:15	BJB	EET SAV
Instrument ID: QuickTrace3										
Total/NA	Analysis	2320B-2011		1			852086	08/16/24 15:44	PG	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	851686	08/15/24 15:55	PG	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWA-40

Lab Sample ID: 680-254479-10

Date Collected: 08/08/24 15:33

Matrix: Water

Date Received: 08/09/24 14:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	852151	08/20/24 17:30	KMB	EET SAV
Instrument ID: CICP										
Total Recoverable	Prep	3005A			25 mL	125 mL	851020	08/13/24 05:12	RR	EET SAV
Total Recoverable	Analysis	6020B		1			851534	08/14/24 16:47	BWR	EET SAV
Instrument ID: ICPMSC										
Total Recoverable	Prep	3005A			25 mL	125 mL	851020	08/13/24 05:12	RR	EET SAV
Total Recoverable	Analysis	6020B		1			851266	08/13/24 15:09	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	851371	08/14/24 12:11	MG	EET SAV
Total/NA	Analysis	7470A		1			851469	08/14/24 17:31	BJB	EET SAV
Instrument ID: QuickTrace3										
Total/NA	Analysis	2320B-2011		1			852088	08/16/24 18:26	PG	EET SAV
Instrument ID: MANTECH 2										
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	851686	08/15/24 15:55	PG	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SCH-CELL3-EB-10

Lab Sample ID: 680-254479-11

Date Collected: 08/08/24 15:55

Matrix: Water

Date Received: 08/09/24 14:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	852151	08/20/24 18:43	KMB	EET SAV
Instrument ID: CICP										
Total Recoverable	Prep	3005A			25 mL	125 mL	851020	08/13/24 05:12	RR	EET SAV
Total Recoverable	Analysis	6020B		1			851534	08/14/24 16:59	BWR	EET SAV
Instrument ID: ICPMSC										
Total Recoverable	Prep	3005A			25 mL	125 mL	851020	08/13/24 05:12	RR	EET SAV
Total Recoverable	Analysis	6020B		1			851266	08/13/24 15:17	BWR	EET SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	851371	08/14/24 12:11	MG	EET SAV
Total/NA	Analysis	7470A		1			851469	08/14/24 17:33	BJB	EET SAV
Instrument ID: QuickTrace3										

Eurofins Savannah

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254479-1

Client Sample ID: SCH-CELL3-EB-10

Lab Sample ID: 680-254479-11

Date Collected: 08/08/24 15:55

Matrix: Water

Date Received: 08/09/24 14:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2320B-2011		1			852088	08/16/24 18:32	PG	EET SAV
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	851686	08/15/24 15:55	PG	EET SAV

Instrument ID: NOEQUIP

Laboratory References:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858



Accreditation/Certification Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254479-1

Laboratory: Eurofins Savannah

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87052	06-30-25
Georgia	State	E87052	06-30-25

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Method Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254479-1

Method	Method Description	Protocol	Laboratory
300.0-1993 R2.1	Anions, Ion Chromatography	MCAWW	EET SAV
6020B	Metals (ICP/MS)	SW846	EET SAV
7470A	Mercury (CVAA)	SW846	EET SAV
2320B-2011	Alkalinity, Total	SM	EET SAV
2540C-2011	Total Dissolved Solids (Dried at 180 °C)	SM	EET SAV
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET SAV
7470A	Preparation, Mercury	SW846	EET SAV

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.
SM = "Standard Methods For The Examination Of Water And Wastewater"
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Chain of Custody Record



Client Information		Lab PM / Phone: David Fuller / 770-344-8986	
Client Contact: Joju Abraham		Carrier Tracking No(s):	
Company: Southern Company		State of Origin: GA	
Address: 241 Ralph McGill Blvd SE B10185		Page: 1 of 1	
City: Atlanta		Job #:	
State, Zip: GA, 30308		Analysis Requested	
Phone: 68027798		300_ORGM_28D - Chloride, Fluoride, Sulfate 2540C - Solids, Total Dissolved (TDS) 6020B - App III/IV, State (15) Metals + Cations (Mg, K, Na) 7470A - App IV Mercury 9315_Ra226 - Radium 226 9320_Ra228 - Radium 228 Ra226Ra228_GFP - Combined Radium 226 and 228 2320B - Alkalinity, Total, Carb/Bicarb	
Due Date Requested: TAT Requested (days): 2 weeks		Total Number of containers X 8 EXTRA RAD	
Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No		Task Code: SCH-CCR-OTH-20240808 Special Instructions/Notes:	
Lab Project #: (DO NOT REMOVE) 68027798		H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other: U - Acetone V - MCAA W - pH 4-5 Y - Trizma Z - other (specify)	
Lab PO #: GPC82130-0006 / PO Line #5		Task Code: SCH-CCR-OTH-20240808 Special Instructions/Notes:	
Project #:		Task Code: SCH-CCR-OTH-20240808 Special Instructions/Notes:	
Site: CCR - Plant Scherer Cell 3		Task Code: SCH-CCR-OTH-20240808 Special Instructions/Notes:	
Sample Identification		Task Code: SCH-CCR-OTH-20240808 Special Instructions/Notes:	
Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=wastabil, BT=Tissue, AS=Air)
8/8/24	8:52	G	WG
8/8/24	11:10	G	WG
8/8/24	11:43	G	WG
8/8/24	9:49	G	WG
8/8/24	09:50	G	WQ
8/8/24	13:00	G	WG
8/8/24	12:45	G	WG
8/8/24	15:11	G	WG
8/8/24	15:35	G	WG
8/8/24	15:33	G	WG
8/8/24	15:55	G	WQ
SCH-GWC-33A SCH-GWC-34 SCH-GWC-37 SCH-GWA-39 SCH-CELL3-EB-9 SCH-GWC-38 SCH-GWC-35 SCH-GWA-54 SCH-GWC-36 SCH-GWA-40 SCH-CELL3-EB-10			
Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Ammable <input type="checkbox"/> Flammable <input type="checkbox"/> Toxic <input type="checkbox"/> Corrosive <input type="checkbox"/> Volatile <input type="checkbox"/> Radioactive			
Deliverable Requested: I, II, III, IV, Other (specify)			
Empty Kit Relinquished by:			
Relinquished by:			
Relinquished by:			
Relinquished by:			
Custody Seal Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No			
Custody Seal No.:			

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-254479-1

Login Number: 254479

List Source: Eurofins Savannah

List Number: 1

Creator: Munro, Caroline

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	





ANALYTICAL REPORT

PREPARED FOR

Attn: Joju Abraham
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Generated 9/18/2024 5:19:51 PM

JOB DESCRIPTION

CCR - Plant Scherer Cell 3

JOB NUMBER

680-254374-2

Eurofins Savannah

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization



Generated
9/18/2024 5:19:51 PM

Authorized for release by
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Nikita.Kuruganty@et.eurofinsus.com
Designee for
David Fuller, Project Manager
David.Fuller@et.eurofinsus.com
(770)344-8986

Definitions/Glossary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254374-2

Qualifiers

Rad

Qualifier	Qualifier Description
F	Duplicate RPD exceeds the control limit
U	Result is less than the sample detection limit.
X	Carrier is outside acceptance limits.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Sample Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254374-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-254374-1	SCH-GWC-30	Water	08/07/24 09:10	08/08/24 13:15
680-254374-2	SCH-GWC-31	Water	08/07/24 11:35	08/08/24 13:15
680-254374-3	SCH-GWA-41	Water	08/07/24 12:45	08/08/24 13:15
680-254374-4	SCH-GWA-42	Water	08/07/24 10:39	08/08/24 13:15
680-254374-5	SCH-GWA-43	Water	08/07/24 15:33	08/08/24 13:15
680-254374-6	SCH-CELL3-FD-9	Water	08/07/24 00:00	08/08/24 13:15
680-254374-7	SCH-CELL3-FD-10	Water	08/07/24 00:00	08/08/24 13:15
680-254374-8	SCH-CELL3-FB-9	Water	08/07/24 12:37	08/08/24 13:15
680-254374-9	SCH-CELL3-FB-10	Water	08/07/24 10:39	08/08/24 13:15
680-254374-10	SCH-GWA-44A	Water	08/07/24 14:22	08/08/24 13:15
680-254374-11	SCH-GWC-32	Water	08/07/24 15:45	08/08/24 13:15

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Case Narrative

Client: Southern Company
Project: CCR - Plant Scherer Cell 3

Job ID: 680-254374-2

Job ID: 680-254374-2

Eurofins Savannah

Job Narrative 680-254374-2

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Receipt

The samples were received on 8/8/2024 1:15 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 4 coolers at receipt time were 1.6°C, 1.9°C, 3.1°C and 3.5°C.

Gas Flow Proportional Counter

Method 9315_Ra226: Radium 226 Batch 676269

The following sample has a barium carrier recovery above the 110% QC limit. Affected samples had a barium correction applied, however, there is significant concentrations of salt-like compounds (i.e. calcium, magnesium, sodium, and strontium) that can interfere with a barium sulfate recovery. The LCS (laboratory control sample) has an acceptable spike recovery demonstrating acceptable sample preparation and instrument performance. The samples have been truncated to 100% to reduce any potential bias a high carrier recovery may have. The data have been qualified and reported.
(180-178651-C-1-A) and (180-178651-B-1-A DU)

Method 9315_Ra226: Radium 226 Batch 676269

The following samples have an RER (replicate error ratio) result outside of the acceptance criteria of 1 for Radium-226. Duplicate precision is demonstrated by acceptable relative percent difference (RPD), within the limit of 40%. The data have been reported with this narrative.
(180-178651-B-1-A DU)

Method 9320_Ra228: Radium-228 Prep Batch 160-676270:

The barium carrier recovery (284%, 245%) is outside the upper control limit (110%) for the following samples: (180-178651-C-1-B) and (180-178651-B-1-B DU). There was physical evidence of matrix interference apparent during the initial preparation of the sample (large barium sulfate precipitation), and barium native was applied to reduce the barium carrier recovery. After native was applied, the carrier recovery was still outside the upper control limit indicating other interfering compounds present in the matrix of the sample. The samples have been truncated to 100% to reduce any potential bias a high carrier recovery may have. The data have been qualified and reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Rad

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Savannah

Client Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254374-2

Client Sample ID: SCH-GWC-30

Lab Sample ID: 680-254374-1

Date Collected: 08/07/24 09:10

Matrix: Water

Date Received: 08/08/24 13:15

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.207	U	0.162	0.163	1.00	0.238	pCi/L	08/21/24 08:33	09/13/24 15:24	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	103		30 - 110					08/21/24 08:33	09/13/24 15:24	1

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.20		0.408	0.422	1.00	0.477	pCi/L	08/21/24 08:36	09/12/24 12:26	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	103		30 - 110					08/21/24 08:36	09/12/24 12:26	1
Y Carrier	77.0		30 - 110					08/21/24 08:36	09/12/24 12:26	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.41		0.439	0.452	5.00	0.477	pCi/L		09/18/24 10:26	1

Client Sample ID: SCH-GWC-31

Lab Sample ID: 680-254374-2

Date Collected: 08/07/24 11:35

Matrix: Water

Date Received: 08/08/24 13:15

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0968	U	0.145	0.146	1.00	0.249	pCi/L	08/21/24 08:33	09/13/24 15:23	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	93.9		30 - 110					08/21/24 08:33	09/13/24 15:23	1

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.631		0.393	0.397	1.00	0.574	pCi/L	08/21/24 08:36	09/12/24 12:26	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	93.9		30 - 110					08/21/24 08:36	09/12/24 12:26	1
Y Carrier	76.3		30 - 110					08/21/24 08:36	09/12/24 12:26	1

Eurofins Savannah

Client Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254374-2

Client Sample ID: SCH-GWC-31
 Date Collected: 08/07/24 11:35
 Date Received: 08/08/24 13:15

Lab Sample ID: 680-254374-2
 Matrix: Water

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.728		0.419	0.423	5.00	0.574	pCi/L		09/18/24 10:26	1

Client Sample ID: SCH-GWA-41
 Date Collected: 08/07/24 12:45
 Date Received: 08/08/24 13:15

Lab Sample ID: 680-254374-3
 Matrix: Water

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.00757	U	0.123	0.123	1.00	0.251	pCi/L	08/21/24 08:33	09/13/24 15:23	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	100		30 - 110					08/21/24 08:33	09/13/24 15:23	1

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.645		0.386	0.391	1.00	0.568	pCi/L	08/21/24 08:36	09/12/24 12:26	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	100		30 - 110					08/21/24 08:36	09/12/24 12:26	1
Y Carrier	79.3		30 - 110					08/21/24 08:36	09/12/24 12:26	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.638		0.405	0.410	5.00	0.568	pCi/L		09/18/24 10:26	1

Client Sample ID: SCH-GWA-42
 Date Collected: 08/07/24 10:39
 Date Received: 08/08/24 13:15

Lab Sample ID: 680-254374-4
 Matrix: Water

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0447	U	0.110	0.110	1.00	0.206	pCi/L	08/21/24 08:33	09/13/24 15:24	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	93.9		30 - 110					08/21/24 08:33	09/13/24 15:24	1

Client Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254374-2

Client Sample ID: SCH-GWA-42

Lab Sample ID: 680-254374-4

Date Collected: 08/07/24 10:39

Matrix: Water

Date Received: 08/08/24 13:15

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.452	U	0.370	0.372	1.00	0.576	pCi/L	08/21/24 08:36	09/12/24 12:26	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	93.9		30 - 110					08/21/24 08:36	09/12/24 12:26	1
Y Carrier	79.6		30 - 110					08/21/24 08:36	09/12/24 12:26	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.496	U	0.386	0.388	5.00	0.576	pCi/L		09/18/24 10:26	1

Client Sample ID: SCH-GWA-43

Lab Sample ID: 680-254374-5

Date Collected: 08/07/24 15:33

Matrix: Water

Date Received: 08/08/24 13:15

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.00969	U	0.101	0.101	1.00	0.210	pCi/L	08/21/24 08:33	09/13/24 15:24	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	93.9		30 - 110					08/21/24 08:33	09/13/24 15:24	1

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.336	U	0.348	0.350	1.00	0.566	pCi/L	08/21/24 08:36	09/12/24 12:26	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	93.9		30 - 110					08/21/24 08:36	09/12/24 12:26	1
Y Carrier	94.6		30 - 110					08/21/24 08:36	09/12/24 12:26	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.346	U	0.362	0.364	5.00	0.566	pCi/L		09/18/24 10:26	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254374-2

Client Sample ID: SCH-CELL3-FD-9

Lab Sample ID: 680-254374-6

Date Collected: 08/07/24 00:00

Matrix: Water

Date Received: 08/08/24 13:15

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0290	U	0.105	0.105	1.00	0.205	pCi/L	08/21/24 08:33	09/13/24 15:24	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	97.7		30 - 110					08/21/24 08:33	09/13/24 15:24	1

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.663		0.362	0.367	1.00	0.510	pCi/L	08/21/24 08:36	09/12/24 12:26	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	97.7		30 - 110					08/21/24 08:36	09/12/24 12:26	1
Y Carrier	79.6		30 - 110					08/21/24 08:36	09/12/24 12:26	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.692		0.377	0.382	5.00	0.510	pCi/L		09/18/24 10:26	1

Client Sample ID: SCH-CELL3-FD-10

Lab Sample ID: 680-254374-7

Date Collected: 08/07/24 00:00

Matrix: Water

Date Received: 08/08/24 13:15

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0287	U	0.0993	0.0993	1.00	0.194	pCi/L	08/21/24 08:33	09/13/24 15:24	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	101		30 - 110					08/21/24 08:33	09/13/24 15:24	1

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.0937	U	0.364	0.364	1.00	0.644	pCi/L	08/21/24 08:36	09/12/24 12:26	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	101		30 - 110					08/21/24 08:36	09/12/24 12:26	1
Y Carrier	81.1		30 - 110					08/21/24 08:36	09/12/24 12:26	1

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Client Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254374-2

Client Sample ID: SCH-CELL3-FD-10

Lab Sample ID: 680-254374-7

Date Collected: 08/07/24 00:00

Matrix: Water

Date Received: 08/08/24 13:15

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.122	U	0.377	0.377	5.00	0.644	pCi/L		09/18/24 10:26	1

Client Sample ID: SCH-CELL3-FB-9

Lab Sample ID: 680-254374-8

Date Collected: 08/07/24 12:37

Matrix: Water

Date Received: 08/08/24 13:15

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0694	U	0.122	0.122	1.00	0.212	pCi/L	08/22/24 08:55	09/13/24 07:55	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	95.2		30 - 110					08/22/24 08:55	09/13/24 07:55	1

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.508	U	0.375	0.377	1.00	0.570	pCi/L	08/22/24 08:59	09/10/24 12:40	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	95.2		30 - 110					08/22/24 08:59	09/10/24 12:40	1
Y Carrier	75.9		30 - 110					08/22/24 08:59	09/10/24 12:40	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.577		0.394	0.396	5.00	0.570	pCi/L		09/18/24 10:26	1

Client Sample ID: SCH-CELL3-FB-10

Lab Sample ID: 680-254374-9

Date Collected: 08/07/24 10:39

Matrix: Water

Date Received: 08/08/24 13:15

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.0714	U	0.0817	0.0820	1.00	0.196	pCi/L	08/22/24 08:55	09/13/24 07:55	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.4		30 - 110					08/22/24 08:55	09/13/24 07:55	1

Client Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254374-2

Client Sample ID: SCH-CELL3-FB-10

Lab Sample ID: 680-254374-9

Date Collected: 08/07/24 10:39

Matrix: Water

Date Received: 08/08/24 13:15

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.00474	U	0.318	0.318	1.00	0.594	pCi/L	08/22/24 08:59	09/10/24 12:40	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.4		30 - 110					08/22/24 08:59	09/10/24 12:40	1
Y Carrier	79.3		30 - 110					08/22/24 08:59	09/10/24 12:40	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	-0.0666	U	0.328	0.328	5.00	0.594	pCi/L		09/18/24 10:26	1

Client Sample ID: SCH-GWA-44A

Lab Sample ID: 680-254374-10

Date Collected: 08/07/24 14:22

Matrix: Water

Date Received: 08/08/24 13:15

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0460	U	0.0941	0.0942	1.00	0.169	pCi/L	08/22/24 08:55	09/13/24 07:55	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	94.7		30 - 110					08/22/24 08:55	09/13/24 07:55	1

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.254	U	0.337	0.338	1.00	0.563	pCi/L	08/22/24 08:59	09/10/24 12:40	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	94.7		30 - 110					08/22/24 08:59	09/10/24 12:40	1
Y Carrier	82.2		30 - 110					08/22/24 08:59	09/10/24 12:40	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.300	U	0.350	0.351	5.00	0.563	pCi/L		09/18/24 10:26	1

Client Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254374-2

Client Sample ID: SCH-GWC-32

Lab Sample ID: 680-254374-11

Date Collected: 08/07/24 15:45

Matrix: Water

Date Received: 08/08/24 13:15

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.0412	U	0.0677	0.0678	1.00	0.162	pCi/L	08/22/24 08:55	09/13/24 07:55	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	97.5		30 - 110					08/22/24 08:55	09/13/24 07:55	1

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.309	U	0.314	0.315	1.00	0.506	pCi/L	08/22/24 08:59	09/10/24 12:40	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	97.5		30 - 110					08/22/24 08:59	09/10/24 12:40	1
Y Carrier	85.6		30 - 110					08/22/24 08:59	09/10/24 12:40	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.268	U	0.321	0.322	5.00	0.506	pCi/L		09/18/24 10:26	1

Tracer/Carrier Summary

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254374-2

Method: 9315 - Radium-226 (GFPC)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Yield (Acceptance Limits)	
		Ba (30-110)	
180-178651-B-1-A DU	Duplicate	245 X	
240-209704-F-7-A DU	Duplicate	91.4	
680-254374-1	SCH-GWC-30	103	
680-254374-2	SCH-GWC-31	93.9	
680-254374-3	SCH-GWA-41	100	
680-254374-4	SCH-GWA-42	93.9	
680-254374-5	SCH-GWA-43	93.9	
680-254374-6	SCH-CELL3-FD-9	97.7	
680-254374-7	SCH-CELL3-FD-10	101	
680-254374-8	SCH-CELL3-FB-9	95.2	
680-254374-9	SCH-CELL3-FB-10	91.4	
680-254374-10	SCH-GWA-44A	94.7	
680-254374-11	SCH-GWC-32	97.5	
LCS 160-676085/2-A	Lab Control Sample	91.6	
LCS 160-676269/2-A	Lab Control Sample	98.0	
MB 160-676085/1-A	Method Blank	101	
MB 160-676269/1-A	Method Blank	92.1	

Tracer/Carrier Legend

Ba = Ba Carrier

Method: 9320 - Radium-228 (GFPC)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Yield (Acceptance Limits)	
		Ba (30-110)	Y (30-110)
180-178651-B-1-B DU	Duplicate	245 X	83.0
240-209704-F-7-B DU	Duplicate	91.4	72.5
680-254374-1	SCH-GWC-30	103	77.0
680-254374-2	SCH-GWC-31	93.9	76.3
680-254374-3	SCH-GWA-41	100	79.3
680-254374-4	SCH-GWA-42	93.9	79.6
680-254374-5	SCH-GWA-43	93.9	94.6
680-254374-6	SCH-CELL3-FD-9	97.7	79.6
680-254374-7	SCH-CELL3-FD-10	101	81.1
680-254374-8	SCH-CELL3-FB-9	95.2	75.9
680-254374-9	SCH-CELL3-FB-10	91.4	79.3
680-254374-10	SCH-GWA-44A	94.7	82.2
680-254374-11	SCH-GWC-32	97.5	85.6
LCS 160-676086/2-A	Lab Control Sample	91.6	82.2
LCS 160-676270/2-A	Lab Control Sample	98.0	80.4
MB 160-676086/1-A	Method Blank	101	80.4
MB 160-676270/1-A	Method Blank	92.1	78.1

Tracer/Carrier Legend

Ba = Ba Carrier

Y = Y Carrier

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254374-2

Method: 9315 - Radium-226 (GFPC)

Lab Sample ID: MB 160-676085/1-A
Matrix: Water
Analysis Batch: 679251

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 676085

Analyte	MB		Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
	Result	MB Qualifier	Uncert. (2σ+/-)	Uncert. (2σ+/-)						
Radium-226	0.02071	U	0.102	0.102	1.00	0.203	pCi/L	08/21/24 08:33	09/13/24 15:14	1
Carrier	MB		Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	101		30 - 110					08/21/24 08:33	09/13/24 15:14	1

Lab Sample ID: LCS 160-676085/2-A
Matrix: Water
Analysis Batch: 679251

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 676085

Analyte	Spike Added	LCS Result	LCS Qual	Total	RL	MDC	Unit	%Rec	%Rec Limits
				Uncert. (2σ+/-)					
Radium-226	9.58	8.732		1.10	1.00	0.304	pCi/L	91	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits						
Ba Carrier	91.6		30 - 110						

Lab Sample ID: 240-209704-F-7-A DU
Matrix: Water
Analysis Batch: 679251

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 676085

Analyte	Sample		DU	DU	Total	RL	MDC	Unit	RER	RER Limit
	Result	Sample Qual	Result	Qual	Uncert. (2σ+/-)					
Radium-226	0.107	U	0.06397	U	0.112	1.00	0.198	pCi/L	0.16	1
Carrier	DU %Yield	DU Qualifier	Limits							
Ba Carrier	91.4		30 - 110							

Lab Sample ID: MB 160-676269/1-A
Matrix: Water
Analysis Batch: 679251

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 676269

Analyte	MB		Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
	Result	MB Qualifier	Uncert. (2σ+/-)	Uncert. (2σ+/-)						
Radium-226	0.01946	U	0.0791	0.0791	1.00	0.155	pCi/L	08/22/24 08:55	09/13/24 07:49	1
Carrier	MB		Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.1		30 - 110					08/22/24 08:55	09/13/24 07:49	1

Lab Sample ID: LCS 160-676269/2-A
Matrix: Water
Analysis Batch: 679251

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 676269

Analyte	Spike Added	LCS Result	LCS Qual	Total	RL	MDC	Unit	%Rec	%Rec Limits
				Uncert. (2σ+/-)					
Radium-226	9.58	9.035		1.03	1.00	0.116	pCi/L	94	75 - 125

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QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254374-2

Method: 9315 - Radium-226 (GFPC) (Continued)

Lab Sample ID: LCS 160-676269/2-A
Matrix: Water
Analysis Batch: 679251

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 676269

	LCS	LCS	
Carrier	%Yield	Qualifier	Limits
Ba Carrier	98.0		30 - 110

Lab Sample ID: 180-178651-B-1-A DU
Matrix: Water
Analysis Batch: 679311

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 676269

Analyte	Sample		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	RER	RER Limit
	Result	Qual								
Radium-226	29.9		39.26	F	3.85	1.00	0.227	pCi/L	1.37	1

	DU	DU	
Carrier	%Yield	Qualifier	Limits
Ba Carrier	245	X	30 - 110

Method: 9320 - Radium-228 (GFPC)

Lab Sample ID: MB 160-676086/1-A
Matrix: Water
Analysis Batch: 679073

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 676086

Analyte	MB		Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
	Result	Qualifier								
Radium-228	0.6858		0.345	0.350	1.00	0.470	pCi/L	08/21/24 08:36	09/12/24 12:19	1

	MB	MB	Limits	Prepared	Analyzed	Dil Fac
Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	101		30 - 110	08/21/24 08:36	09/12/24 12:19	1
Y Carrier	80.4		30 - 110	08/21/24 08:36	09/12/24 12:19	1

Lab Sample ID: LCS 160-676086/2-A
Matrix: Water
Analysis Batch: 679073

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 676086

Analyte	Spike Added	LCS		Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
		Result	Qual						
Radium-228	8.52	8.487		1.20	1.00	0.479	pCi/L	100	75 - 125

	LCS	LCS	
Carrier	%Yield	Qualifier	Limits
Ba Carrier	91.6		30 - 110
Y Carrier	82.2		30 - 110

Lab Sample ID: 240-209704-F-7-B DU
Matrix: Water
Analysis Batch: 679174

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 676086

Analyte	Sample		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	RER	RER Limit
	Result	Qual								
Radium-228	0.478	U	0.7131		0.447	1.00	0.653	pCi/L	0.28	1

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QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254374-2

Method: 9320 - Radium-228 (GFPC) (Continued)

Lab Sample ID: 240-209704-F-7-B DU
Matrix: Water
Analysis Batch: 679174

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 676086

	DU	DU	
Carrier	%Yield	Qualifier	Limits
Ba Carrier	91.4		30 - 110
Y Carrier	72.5		30 - 110

Lab Sample ID: MB 160-676270/1-A
Matrix: Water
Analysis Batch: 678766

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 676270

Analyte	MB MB		Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
	Result	Qualifier								
Radium-228	-0.01427	U	0.323	0.323	1.00	0.607	pCi/L	08/22/24 08:59	09/10/24 12:35	1

Carrier	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Yield	Qualifier				
Ba Carrier	92.1		30 - 110	08/22/24 08:59	09/10/24 12:35	1
Y Carrier	78.1		30 - 110	08/22/24 08:59	09/10/24 12:35	1

Lab Sample ID: LCS 160-676270/2-A
Matrix: Water
Analysis Batch: 678766

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 676270

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits

Carrier	LCS	LCS	Limits
	%Yield	Qualifier	
Ba Carrier	98.0		30 - 110
Y Carrier	80.4		30 - 110

Lab Sample ID: 180-178651-B-1-B DU
Matrix: Water
Analysis Batch: 678766

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 676270

Analyte	Sample Sample		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	RER	RER Limit
	Result	Qual								
Radium-228	18.6		20.79		2.33	1.00	0.443	pCi/L	0.50	1

Carrier	DU	DU	Limits
	%Yield	Qualifier	
Ba Carrier	245	X	30 - 110
Y Carrier	83.0		30 - 110

QC Association Summary

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254374-2

Rad

Prep Batch: 676085

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254374-1	SCH-GWC-30	Total/NA	Water	PrecSep-21	
680-254374-2	SCH-GWC-31	Total/NA	Water	PrecSep-21	
680-254374-3	SCH-GWA-41	Total/NA	Water	PrecSep-21	
680-254374-4	SCH-GWA-42	Total/NA	Water	PrecSep-21	
680-254374-5	SCH-GWA-43	Total/NA	Water	PrecSep-21	
680-254374-6	SCH-CELL3-FD-9	Total/NA	Water	PrecSep-21	
680-254374-7	SCH-CELL3-FD-10	Total/NA	Water	PrecSep-21	
MB 160-676085/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-676085/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
240-209704-F-7-A DU	Duplicate	Total/NA	Water	PrecSep-21	

Prep Batch: 676086

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254374-1	SCH-GWC-30	Total/NA	Water	PrecSep_0	
680-254374-2	SCH-GWC-31	Total/NA	Water	PrecSep_0	
680-254374-3	SCH-GWA-41	Total/NA	Water	PrecSep_0	
680-254374-4	SCH-GWA-42	Total/NA	Water	PrecSep_0	
680-254374-5	SCH-GWA-43	Total/NA	Water	PrecSep_0	
680-254374-6	SCH-CELL3-FD-9	Total/NA	Water	PrecSep_0	
680-254374-7	SCH-CELL3-FD-10	Total/NA	Water	PrecSep_0	
MB 160-676086/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-676086/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
240-209704-F-7-B DU	Duplicate	Total/NA	Water	PrecSep_0	

Prep Batch: 676269

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254374-8	SCH-CELL3-FB-9	Total/NA	Water	PrecSep-21	
680-254374-9	SCH-CELL3-FB-10	Total/NA	Water	PrecSep-21	
680-254374-10	SCH-GWA-44A	Total/NA	Water	PrecSep-21	
680-254374-11	SCH-GWC-32	Total/NA	Water	PrecSep-21	
MB 160-676269/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-676269/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
180-178651-B-1-A DU	Duplicate	Total/NA	Water	PrecSep-21	

Prep Batch: 676270

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254374-8	SCH-CELL3-FB-9	Total/NA	Water	PrecSep_0	
680-254374-9	SCH-CELL3-FB-10	Total/NA	Water	PrecSep_0	
680-254374-10	SCH-GWA-44A	Total/NA	Water	PrecSep_0	
680-254374-11	SCH-GWC-32	Total/NA	Water	PrecSep_0	
MB 160-676270/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-676270/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
180-178651-B-1-B DU	Duplicate	Total/NA	Water	PrecSep_0	

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254374-2

Client Sample ID: SCH-GWC-30

Lab Sample ID: 680-254374-1

Date Collected: 08/07/24 09:10

Matrix: Water

Date Received: 08/08/24 13:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1000.61 mL	1.0 g	676085	08/21/24 08:33	MLT	EET SL
Total/NA	Analysis	9315		1			679311	09/13/24 15:24	SWS	EET SL
Instrument ID: GFPCBLUE										
Total/NA	Prep	PrecSep_0			1000.61 mL	1.0 g	676086	08/21/24 08:36	MLT	EET SL
Total/NA	Analysis	9320		1			679174	09/12/24 12:26	FLC	EET SL
Instrument ID: GFPCBLUE										
Total/NA	Analysis	Ra226_Ra228		1			680034	09/18/24 10:26	FLC	EET SL
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWC-31

Lab Sample ID: 680-254374-2

Date Collected: 08/07/24 11:35

Matrix: Water

Date Received: 08/08/24 13:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1003.32 mL	1.0 g	676085	08/21/24 08:33	MLT	EET SL
Total/NA	Analysis	9315		1			679311	09/13/24 15:23	SWS	EET SL
Instrument ID: GFPCBLUE										
Total/NA	Prep	PrecSep_0			1003.32 mL	1.0 g	676086	08/21/24 08:36	MLT	EET SL
Total/NA	Analysis	9320		1			679174	09/12/24 12:26	FLC	EET SL
Instrument ID: GFPCBLUE										
Total/NA	Analysis	Ra226_Ra228		1			680034	09/18/24 10:26	FLC	EET SL
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWA-41

Lab Sample ID: 680-254374-3

Date Collected: 08/07/24 12:45

Matrix: Water

Date Received: 08/08/24 13:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1000.79 mL	1.0 g	676085	08/21/24 08:33	MLT	EET SL
Total/NA	Analysis	9315		1			679311	09/13/24 15:23	SWS	EET SL
Instrument ID: GFPCBLUE										
Total/NA	Prep	PrecSep_0			1000.79 mL	1.0 g	676086	08/21/24 08:36	MLT	EET SL
Total/NA	Analysis	9320		1			679174	09/12/24 12:26	FLC	EET SL
Instrument ID: GFPCBLUE										
Total/NA	Analysis	Ra226_Ra228		1			680034	09/18/24 10:26	FLC	EET SL
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWA-42

Lab Sample ID: 680-254374-4

Date Collected: 08/07/24 10:39

Matrix: Water

Date Received: 08/08/24 13:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			996.29 mL	1.0 g	676085	08/21/24 08:33	MLT	EET SL
Total/NA	Analysis	9315		1			679311	09/13/24 15:24	SWS	EET SL
Instrument ID: GFPCBLUE										

Eurofins Savannah

Lab Chronicle

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254374-2

Client Sample ID: SCH-GWA-42

Lab Sample ID: 680-254374-4

Date Collected: 08/07/24 10:39

Matrix: Water

Date Received: 08/08/24 13:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep_0			996.29 mL	1.0 g	676086	08/21/24 08:36	MLT	EET SL
Total/NA	Analysis	9320		1			679174	09/12/24 12:26	FLC	EET SL
Instrument ID: GFPCBLUE										
Total/NA	Analysis	Ra226_Ra228		1			680034	09/18/24 10:26	FLC	EET SL
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWA-43

Lab Sample ID: 680-254374-5

Date Collected: 08/07/24 15:33

Matrix: Water

Date Received: 08/08/24 13:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			997.09 mL	1.0 g	676085	08/21/24 08:33	MLT	EET SL
Total/NA	Analysis	9315		1			679311	09/13/24 15:24	SWS	EET SL
Instrument ID: GFPCBLUE										
Total/NA	Prep	PrecSep_0			997.09 mL	1.0 g	676086	08/21/24 08:36	MLT	EET SL
Total/NA	Analysis	9320		1			679174	09/12/24 12:26	FLC	EET SL
Instrument ID: GFPCBLUE										
Total/NA	Analysis	Ra226_Ra228		1			680034	09/18/24 10:26	FLC	EET SL
Instrument ID: NOEQUIP										

Client Sample ID: SCH-CELL3-FD-9

Lab Sample ID: 680-254374-6

Date Collected: 08/07/24 00:00

Matrix: Water

Date Received: 08/08/24 13:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1001.49 mL	1.0 g	676085	08/21/24 08:33	MLT	EET SL
Total/NA	Analysis	9315		1			679311	09/13/24 15:24	SWS	EET SL
Instrument ID: GFPCBLUE										
Total/NA	Prep	PrecSep_0			1001.49 mL	1.0 g	676086	08/21/24 08:36	MLT	EET SL
Total/NA	Analysis	9320		1			679174	09/12/24 12:26	FLC	EET SL
Instrument ID: GFPCBLUE										
Total/NA	Analysis	Ra226_Ra228		1			680034	09/18/24 10:26	FLC	EET SL
Instrument ID: NOEQUIP										

Client Sample ID: SCH-CELL3-FD-10

Lab Sample ID: 680-254374-7

Date Collected: 08/07/24 00:00

Matrix: Water

Date Received: 08/08/24 13:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			999.76 mL	1.0 g	676085	08/21/24 08:33	MLT	EET SL
Total/NA	Analysis	9315		1			679311	09/13/24 15:24	SWS	EET SL
Instrument ID: GFPCBLUE										
Total/NA	Prep	PrecSep_0			999.76 mL	1.0 g	676086	08/21/24 08:36	MLT	EET SL
Total/NA	Analysis	9320		1			679174	09/12/24 12:26	FLC	EET SL
Instrument ID: GFPCBLUE										

Eurofins Savannah

Lab Chronicle

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254374-2

Client Sample ID: SCH-CELL3-FD-10
Date Collected: 08/07/24 00:00
Date Received: 08/08/24 13:15

Lab Sample ID: 680-254374-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Ra226_Ra228		1			680034	09/18/24 10:26	FLC	EET SL

Client Sample ID: SCH-CELL3-FB-9
Date Collected: 08/07/24 12:37
Date Received: 08/08/24 13:15

Lab Sample ID: 680-254374-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			997.22 mL	1.0 g	676269	08/22/24 08:55	MLT	EET SL
Total/NA	Analysis	9315		1			679311	09/13/24 07:55	SWS	EET SL
Instrument ID: GFPCBLUE										
Total/NA	Prep	PrecSep_0			997.22 mL	1.0 g	676270	08/22/24 08:59	MLT	EET SL
Total/NA	Analysis	9320		1			678846	09/10/24 12:40	CMM	EET SL
Instrument ID: GFPCBLUE										
Total/NA	Analysis	Ra226_Ra228		1			680034	09/18/24 10:26	FLC	EET SL
Instrument ID: NOEQUIP										

Client Sample ID: SCH-CELL3-FB-10
Date Collected: 08/07/24 10:39
Date Received: 08/08/24 13:15

Lab Sample ID: 680-254374-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			999.84 mL	1.0 g	676269	08/22/24 08:55	MLT	EET SL
Total/NA	Analysis	9315		1			679310	09/13/24 07:55	SWS	EET SL
Instrument ID: GFPCPURPLE										
Total/NA	Prep	PrecSep_0			999.84 mL	1.0 g	676270	08/22/24 08:59	MLT	EET SL
Total/NA	Analysis	9320		1			678846	09/10/24 12:40	CMM	EET SL
Instrument ID: GFPCBLUE										
Total/NA	Analysis	Ra226_Ra228		1			680034	09/18/24 10:26	FLC	EET SL
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWA-44A
Date Collected: 08/07/24 14:22
Date Received: 08/08/24 13:15

Lab Sample ID: 680-254374-10
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1005.11 mL	1.0 g	676269	08/22/24 08:55	MLT	EET SL
Total/NA	Analysis	9315		1			679310	09/13/24 07:55	SWS	EET SL
Instrument ID: GFPCPURPLE										
Total/NA	Prep	PrecSep_0			1005.11 mL	1.0 g	676270	08/22/24 08:59	MLT	EET SL
Total/NA	Analysis	9320		1			678846	09/10/24 12:40	CMM	EET SL
Instrument ID: GFPCBLUE										
Total/NA	Analysis	Ra226_Ra228		1			680034	09/18/24 10:26	FLC	EET SL
Instrument ID: NOEQUIP										

Lab Chronicle

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254374-2

Client Sample ID: SCH-GWC-32
Date Collected: 08/07/24 15:45
Date Received: 08/08/24 13:15

Lab Sample ID: 680-254374-11
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			997.31 mL	1.0 g	676269	08/22/24 08:55	MLT	EET SL
Total/NA	Analysis	9315		1			679310	09/13/24 07:55	SWS	EET SL
Instrument ID: GFPCPURPLE										
Total/NA	Prep	PrecSep_0			997.31 mL	1.0 g	676270	08/22/24 08:59	MLT	EET SL
Total/NA	Analysis	9320		1	1.0 mL	1.0 mL	678846	09/10/24 12:40	CMM	EET SL
Instrument ID: GFPCBLUE										
Total/NA	Analysis	Ra226_Ra228		1			680034	09/18/24 10:26	FLC	EET SL
Instrument ID: NOEQUIP										

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566



Accreditation/Certification Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254374-2

Laboratory: Eurofins St. Louis

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87689	06-30-25

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13

Method Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254374-2

Method	Method Description	Protocol	Laboratory
9315	Radium-226 (GFPC)	SW846	EET SL
9320	Radium-228 (GFPC)	SW846	EET SL
Ra226_Ra228	Combined Radium-226 and Radium-228	TAL-STL	EET SL
PrecSep_0	Preparation, Precipitate Separation	None	EET SL
PrecSep-21	Preparation, Precipitate Separation (21-Day In-Growth)	None	EET SL

Protocol References:

None = None

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL-STL = TestAmerica Laboratories, St. Louis, Facility Standard Operating Procedure.

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Eurofins Savannah

5102 LaRoche Avenue
Savannah, GA 31404
Phone (912) 354-7858 Phone (912) 352-0165

Chain of Custody Record



Environment Testing

Client Information		Sampler(s):		Lab PM / Phone: David Fuller / 770-344-8986		Carrier Tracking No(s):		COC No:	
Client Contact: Joju Abraham		Site-Project Manager / Phone: Dawn Prell / 248-536-5445		E-Mail: David.Fuller@et.eurofinsus.com		State of Origin: GA		Page: Page 1 of 2	
Company: Southern Company				Analysis Requested				Job #:	
Address: 241 Ralph McGill Blvd SE B10185		Due Date Requested:		Field Filtered Sample (Yes or No) Perform MS/MSD (Yes or No) 300_ORGFIM_28D - Chloride, Fluoride, Sulfate 2540C - Solids, Total Dissolved (TDS) 6020B - App III/IV, State (15) Metals + Cations (Mg, K, Na) 7470A - App IV Mercury 9315_Ra226 - Radium 226 9320_Ra228 - Radium 228 Ra226Ra228_GFPCC - Combined Radium 226 and 228		Total Number of containers		Preservation Codes: A - HCL M - Hexane B - NaOH N - None C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2S2O3 G - Amchlor S - H2SO4 H - Ascorbic Acid T - TSP Dodecahydrate I - Ice U - Acetone J - DI Water V - MCAA K - EDTA W - pH 4-5 L - EDA Y - Trizma Z - other (specify)	
City: Atlanta		TAT Requested (days): 2 weeks							
State, Zip: GA, 30308		Compliance Project: Δ Yes Δ No							
Phone:		Lab Project #: (DO NOT REMOVE) 68027798							
Email: JAbraham@southernco.com		Lab PO #: GPC82130-0006 / PO Line #5							
Project Name: CCR - Plant Scherer Cell 3		Project #:						Task Code: SCH-CCR-OTH-20240807	
Site:								Special Instructions/Notes:	
Sample Identification		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)		Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	
								Preservation Code:	
SCH-GWC-30		8/7/24		09:10		G WG		N N X X X X X X X	
SCH-GWC-31		8/7/24		11:35		G WG		N N X X X X X X X	
SCH-GWA-41		8/7/24		12:45		G WG		N N X X X X X X X	
SCH-GWA-42		8/7/24		10:39		G WG		N N X X X X X X X	
SCH-GWA-43		8/7/24		15:33		G WG		N N X X X X X X X	
SCH-CELL3-FD-9		8/7/24		-		G WG		N N X X X X X X X	
SCH-CELL3-FD-10		8/7/24		-		G WG		N N X X X X X X X	
SCH-CELL3-FB-9		8/7/24		12:37		G WQ		N N X X X X X X X	
SCH-CELL3-FB-10		8/7/24		10:39		G WQ		N N X X X X X X X	
SCH-GWA-44A		8/7/24		14:22		G WG		N N X X X X X X X	
SCH-GWC-32		8/7/24		15:45		G WG		N N X X X X X X X	
Possible Hazard Identification		<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Volatile <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months					
Deliverable Requested: I, II, III, IV, Other (specify)				Special Instructions/QC Requirements:					
Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:			
Relinquished by: MARK MANN / <i>[Signature]</i>		Date/Time: 08/08/24 0835		Company: WSP		Received by: Mariana Acupar 927		Date/Time: 08/08/24 0835	
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:	
Relinquished by:		Date/Time:		Company:		Received by: <i>[Signature]</i>		Date/Time: 8/8/24 1315	
Custody Seals Intact: Δ Yes Δ No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: 5.1/3.1 1.9/1.9 3.5/3.5 1.4/1.4					



Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-254374-2

Login Number: 254374

List Source: Eurofins Savannah

List Number: 1

Creator: Munro, Caroline

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-254374-2

Login Number: 254374

List Source: Eurofins St. Louis

List Number: 2

List Creation: 08/13/24 01:06 PM

Creator: Pinette, Meadow L

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	





ANALYTICAL REPORT

PREPARED FOR

Attn: Joju Abraham
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Generated 9/19/2024 1:58:53 PM

JOB DESCRIPTION

CCR - Plant Scherer Cell 3

JOB NUMBER

680-254479-2

Eurofins Savannah

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization



Generated
9/19/2024 1:58:53 PM

Authorized for release by
David Fuller, Project Manager
David.Fuller@et.eurofinsus.com
(770)344-8986

Definitions/Glossary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254479-2

Qualifiers

Rad

Qualifier	Qualifier Description
U	Result is less than the sample detection limit.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Sample Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254479-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-254479-1	SCH-GWC-33A	Water	08/08/24 08:52	08/09/24 14:55
680-254479-2	SCH-GWC-34	Water	08/08/24 11:10	08/09/24 14:55
680-254479-3	SCH-GWC-37	Water	08/08/24 11:43	08/09/24 14:55
680-254479-4	SCH-GWA-39	Water	08/08/24 09:49	08/09/24 14:55
680-254479-5	SCH-CELL3-EB-9	Water	08/08/24 09:50	08/09/24 14:55
680-254479-6	SCH-GWC-38	Water	08/08/24 13:00	08/09/24 14:55
680-254479-7	SCH-GWC-35	Water	08/08/24 12:45	08/09/24 14:55
680-254479-8	SCH-GWA-54	Water	08/08/24 15:11	08/09/24 14:55
680-254479-9	SCH-GWC-36	Water	08/08/24 15:35	08/09/24 14:55
680-254479-10	SCH-GWA-40	Water	08/08/24 15:33	08/09/24 14:55
680-254479-11	SCH-CELL3-EB-10	Water	08/08/24 15:55	08/09/24 14:55

- 1
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- 12
- 13

Case Narrative

Client: Southern Company
Project: CCR - Plant Scherer Cell 3

Job ID: 680-254479-2

Job ID: 680-254479-2

Eurofins Savannah

Job Narrative 680-254479-2

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Receipt

The samples were received on 8/9/2024 2:55 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 0.3°C, 0.7°C and 1.9°C.

Gas Flow Proportional Counter

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Rad

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Savannah

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254479-2

Client Sample ID: SCH-GWC-33A

Lab Sample ID: 680-254479-1

Date Collected: 08/08/24 08:52

Matrix: Water

Date Received: 08/09/24 14:55

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.217	U	0.163	0.164	1.00	0.222	pCi/L	08/22/24 09:01	09/17/24 23:44	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	94.2		30 - 110					08/22/24 09:01	09/17/24 23:44	1

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.461	U	0.478	0.480	1.00	0.776	pCi/L	08/22/24 09:05	09/17/24 12:19	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	94.2		30 - 110					08/22/24 09:05	09/17/24 12:19	1
Y Carrier	72.9		30 - 110					08/22/24 09:05	09/17/24 12:19	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.678	U	0.505	0.507	5.00	0.776	pCi/L		09/19/24 09:14	1

Client Sample ID: SCH-GWC-34

Lab Sample ID: 680-254479-2

Date Collected: 08/08/24 11:10

Matrix: Water

Date Received: 08/09/24 14:55

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0252	U	0.146	0.146	1.00	0.287	pCi/L	08/22/24 09:01	09/17/24 23:44	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	105		30 - 110					08/22/24 09:01	09/17/24 23:44	1

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.190	U	0.266	0.266	1.00	0.546	pCi/L	08/22/24 09:05	09/17/24 12:19	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	105		30 - 110					08/22/24 09:05	09/17/24 12:19	1
Y Carrier	81.5		30 - 110					08/22/24 09:05	09/17/24 12:19	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254479-2

Client Sample ID: SCH-GWC-34

Lab Sample ID: 680-254479-2

Date Collected: 08/08/24 11:10

Matrix: Water

Date Received: 08/09/24 14:55

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert.	Uncert.						
			(2σ+/-)	(2σ+/-)						
Combined Radium 226 + 228	-0.165	U	0.303	0.303	5.00	0.546	pCi/L		09/19/24 09:14	1

Client Sample ID: SCH-GWC-37

Lab Sample ID: 680-254479-3

Date Collected: 08/08/24 11:43

Matrix: Water

Date Received: 08/09/24 14:55

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert.	Uncert.						
			(2σ+/-)	(2σ+/-)						
Radium-226	0.0326	U	0.119	0.119	1.00	0.233	pCi/L	08/22/24 09:01	09/17/24 23:44	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	102		30 - 110					08/22/24 09:01	09/17/24 23:44	1

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert.	Uncert.						
			(2σ+/-)	(2σ+/-)						
Radium-228	0.0915	U	0.278	0.278	1.00	0.496	pCi/L	08/22/24 09:05	09/17/24 12:19	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	102		30 - 110					08/22/24 09:05	09/17/24 12:19	1
Y Carrier	85.6		30 - 110					08/22/24 09:05	09/17/24 12:19	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert.	Uncert.						
			(2σ+/-)	(2σ+/-)						
Combined Radium 226 + 228	0.124	U	0.302	0.302	5.00	0.496	pCi/L		09/19/24 09:14	1

Client Sample ID: SCH-GWA-39

Lab Sample ID: 680-254479-4

Date Collected: 08/08/24 09:49

Matrix: Water

Date Received: 08/09/24 14:55

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert.	Uncert.						
			(2σ+/-)	(2σ+/-)						
Radium-226	-0.00790	U	0.166	0.166	1.00	0.335	pCi/L	08/22/24 09:01	09/17/24 23:44	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.1		30 - 110					08/22/24 09:01	09/17/24 23:44	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254479-2

Client Sample ID: SCH-GWA-39

Lab Sample ID: 680-254479-4

Date Collected: 08/08/24 09:49

Matrix: Water

Date Received: 08/09/24 14:55

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.274	U	0.332	0.333	1.00	0.549	pCi/L	08/22/24 09:05	09/17/24 12:19	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.1		30 - 110					08/22/24 09:05	09/17/24 12:19	1
Y Carrier	83.0		30 - 110					08/22/24 09:05	09/17/24 12:19	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.266	U	0.371	0.372	5.00	0.549	pCi/L		09/19/24 09:14	1

Client Sample ID: SCH-CELL3-EB-9

Lab Sample ID: 680-254479-5

Date Collected: 08/08/24 09:50

Matrix: Water

Date Received: 08/09/24 14:55

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0550	U	0.194	0.194	1.00	0.357	pCi/L	08/22/24 09:01	09/17/24 23:44	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	97.7		30 - 110					08/22/24 09:01	09/17/24 23:44	1

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.0704	U	0.254	0.254	1.00	0.503	pCi/L	08/22/24 09:05	09/17/24 12:19	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	97.7		30 - 110					08/22/24 09:05	09/17/24 12:19	1
Y Carrier	83.4		30 - 110					08/22/24 09:05	09/17/24 12:19	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	-0.0154	U	0.320	0.320	5.00	0.503	pCi/L		09/19/24 09:14	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254479-2

Client Sample ID: SCH-GWC-38

Lab Sample ID: 680-254479-6

Date Collected: 08/08/24 13:00

Matrix: Water

Date Received: 08/09/24 14:55

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.323	U	0.257	0.259	1.00	0.386	pCi/L	08/22/24 09:01	09/17/24 23:44	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.8		30 - 110					08/22/24 09:01	09/17/24 23:44	1

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.127	U	0.347	0.347	1.00	0.694	pCi/L	08/22/24 09:05	09/17/24 12:20	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.8		30 - 110					08/22/24 09:05	09/17/24 12:20	1
Y Carrier	69.9		30 - 110					08/22/24 09:05	09/17/24 12:20	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.196	U	0.432	0.433	5.00	0.694	pCi/L		09/19/24 09:14	1

Client Sample ID: SCH-GWC-35

Lab Sample ID: 680-254479-7

Date Collected: 08/08/24 12:45

Matrix: Water

Date Received: 08/09/24 14:55

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.0272	U	0.158	0.158	1.00	0.324	pCi/L	08/22/24 09:01	09/17/24 23:44	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	96.2		30 - 110					08/22/24 09:01	09/17/24 23:44	1

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.143	U	0.337	0.337	1.00	0.592	pCi/L	08/22/24 09:05	09/17/24 12:20	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	96.2		30 - 110					08/22/24 09:05	09/17/24 12:20	1
Y Carrier	76.3		30 - 110					08/22/24 09:05	09/17/24 12:20	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254479-2

Client Sample ID: SCH-GWC-35

Lab Sample ID: 680-254479-7

Date Collected: 08/08/24 12:45

Matrix: Water

Date Received: 08/09/24 14:55

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert.	Uncert.						
			(2σ+/-)	(2σ+/-)						
Combined Radium 226 + 228	0.116	U	0.372	0.372	5.00	0.592	pCi/L		09/19/24 09:14	1

Client Sample ID: SCH-GWA-54

Lab Sample ID: 680-254479-8

Date Collected: 08/08/24 15:11

Matrix: Water

Date Received: 08/09/24 14:55

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert.	Uncert.						
			(2σ+/-)	(2σ+/-)						
Radium-226	0.0456	U	0.165	0.165	1.00	0.313	pCi/L	08/22/24 09:01	09/17/24 23:44	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.8		30 - 110					08/22/24 09:01	09/17/24 23:44	1

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert.	Uncert.						
			(2σ+/-)	(2σ+/-)						
Radium-228	0.295	U	0.382	0.383	1.00	0.637	pCi/L	08/22/24 09:05	09/17/24 12:20	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.8		30 - 110					08/22/24 09:05	09/17/24 12:20	1
Y Carrier	74.0		30 - 110					08/22/24 09:05	09/17/24 12:20	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert.	Uncert.						
			(2σ+/-)	(2σ+/-)						
Combined Radium 226 + 228	0.341	U	0.416	0.417	5.00	0.637	pCi/L		09/19/24 09:14	1

Client Sample ID: SCH-GWC-36

Lab Sample ID: 680-254479-9

Date Collected: 08/08/24 15:35

Matrix: Water

Date Received: 08/09/24 14:55

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert.	Uncert.						
			(2σ+/-)	(2σ+/-)						
Radium-226	0.0930	U	0.234	0.234	1.00	0.429	pCi/L	08/22/24 09:01	09/17/24 23:44	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	62.2		30 - 110					08/22/24 09:01	09/17/24 23:44	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254479-2

Client Sample ID: SCH-GWC-36

Lab Sample ID: 680-254479-9

Date Collected: 08/08/24 15:35

Matrix: Water

Date Received: 08/09/24 14:55

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.266	U	0.499	0.499	1.00	0.864	pCi/L	08/22/24 09:05	09/17/24 12:20	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	62.2		30 - 110					08/22/24 09:05	09/17/24 12:20	1
Y Carrier	78.1		30 - 110					08/22/24 09:05	09/17/24 12:20	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.359	U	0.551	0.551	5.00	0.864	pCi/L		09/19/24 09:14	1

Client Sample ID: SCH-GWA-40

Lab Sample ID: 680-254479-10

Date Collected: 08/08/24 15:33

Matrix: Water

Date Received: 08/09/24 14:55

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0561	U	0.150	0.151	1.00	0.278	pCi/L	08/22/24 09:01	09/17/24 23:44	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	98.0		30 - 110					08/22/24 09:01	09/17/24 23:44	1

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.390	U	0.373	0.375	1.00	0.598	pCi/L	08/22/24 09:05	09/17/24 12:20	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	98.0		30 - 110					08/22/24 09:05	09/17/24 12:20	1
Y Carrier	80.4		30 - 110					08/22/24 09:05	09/17/24 12:20	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.446	U	0.402	0.404	5.00	0.598	pCi/L		09/19/24 09:14	1

Client Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254479-2

Client Sample ID: SCH-CELL3-EB-10

Lab Sample ID: 680-254479-11

Date Collected: 08/08/24 15:55

Matrix: Water

Date Received: 08/09/24 14:55

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert.	Uncert.						
			(2σ+/-)	(2σ+/-)						
Radium-226	-0.0556	U	0.124	0.125	1.00	0.286	pCi/L	08/22/24 09:01	09/17/24 23:44	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	96.2		30 - 110					08/22/24 09:01	09/17/24 23:44	1

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert.	Uncert.						
			(2σ+/-)	(2σ+/-)						
Radium-228	0.228	U	0.312	0.312	1.00	0.523	pCi/L	08/22/24 09:05	09/17/24 12:20	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	96.2		30 - 110					08/22/24 09:05	09/17/24 12:20	1
Y Carrier	84.5		30 - 110					08/22/24 09:05	09/17/24 12:20	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert.	Uncert.						
			(2σ+/-)	(2σ+/-)						
Combined Radium 226 + 228	0.172	U	0.336	0.336	5.00	0.523	pCi/L		09/19/24 09:14	1

Tracer/Carrier Summary

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254479-2

Method: 9315 - Radium-226 (GFPC)

Matrix: Water

Prep Type: Total/NA

		Percent Yield (Acceptance Limits)	
Lab Sample ID	Client Sample ID	Ba (30-110)	
280-195402-D-1-A DU	Duplicate	98.7	
680-254479-1	SCH-GWC-33A	94.2	
680-254479-2	SCH-GWC-34	105	
680-254479-3	SCH-GWC-37	102	
680-254479-4	SCH-GWA-39	92.1	
680-254479-5	SCH-CELL3-EB-9	97.7	
680-254479-6	SCH-GWC-38	87.8	
680-254479-7	SCH-GWC-35	96.2	
680-254479-8	SCH-GWA-54	86.8	
680-254479-9	SCH-GWC-36	62.2	
680-254479-10	SCH-GWA-40	98.0	
680-254479-11	SCH-CELL3-EB-10	96.2	
LCS 160-676271/2-A	Lab Control Sample	94.2	
MB 160-676271/1-A	Method Blank	72.6	
Tracer/Carrier Legend			
Ba = Ba Carrier			

Method: 9320 - Radium-228 (GFPC)

Matrix: Water

Prep Type: Total/NA

		Percent Yield (Acceptance Limits)	
Lab Sample ID	Client Sample ID	Ba (30-110)	Y (30-110)
280-195402-D-1-B DU	Duplicate	98.7	74.4
680-254479-1	SCH-GWC-33A	94.2	72.9
680-254479-2	SCH-GWC-34	105	81.5
680-254479-3	SCH-GWC-37	102	85.6
680-254479-4	SCH-GWA-39	92.1	83.0
680-254479-5	SCH-CELL3-EB-9	97.7	83.4
680-254479-6	SCH-GWC-38	87.8	69.9
680-254479-7	SCH-GWC-35	96.2	76.3
680-254479-8	SCH-GWA-54	86.8	74.0
680-254479-9	SCH-GWC-36	62.2	78.1
680-254479-10	SCH-GWA-40	98.0	80.4
680-254479-11	SCH-CELL3-EB-10	96.2	84.5
LCS 160-676272/2-A	Lab Control Sample	94.2	83.4
MB 160-676272/1-A	Method Blank	72.6	80.4
Tracer/Carrier Legend			
Ba = Ba Carrier			
Y = Y Carrier			

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254479-2

Method: 9315 - Radium-226 (GFPC)

Lab Sample ID: MB 160-676271/1-A
Matrix: Water
Analysis Batch: 679726

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 676271

Analyte	MB		Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
	Result	Qualifier	Uncert. (2σ+/-)	Uncert. (2σ+/-)						
Radium-226	-0.1072	U	0.136	0.136	1.00	0.350	pCi/L	08/22/24 09:01	09/17/24 23:42	1
Carrier	MB		Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	%Yield	Qualifier	30 - 110					08/22/24 09:01	09/17/24 23:42	1
	72.6									

Lab Sample ID: LCS 160-676271/2-A
Matrix: Water
Analysis Batch: 679726

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 676271

Analyte	Spike Added	LCS Result	LCS Qual	Total	RL	MDC	Unit	%Rec	%Rec Limits
				Uncert. (2σ+/-)					
Radium-226	9.58	8.172		1.10	1.00	0.301	pCi/L	85	75 - 125
Carrier	LCS		Limits						
Ba Carrier	%Yield	Qualifier	30 - 110						
	94.2								

Lab Sample ID: 280-195402-D-1-A DU
Matrix: Water
Analysis Batch: 679726

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 676271

Analyte	Sample		DU		Total	RL	MDC	Unit	RER	RER Limit
	Result	Qual	Result	Qual	Uncert. (2σ+/-)					
Radium-226	0.0879	U	0.05447	U	0.129	1.00	0.241	pCi/L	0.12	1
Carrier	DU		Limits							
Ba Carrier	%Yield	Qualifier	30 - 110							
	98.7									

Method: 9320 - Radium-228 (GFPC)

Lab Sample ID: MB 160-676272/1-A
Matrix: Water
Analysis Batch: 679726

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 676272

Analyte	MB		Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
	Result	Qualifier	Uncert. (2σ+/-)	Uncert. (2σ+/-)						
Radium-228	0.4008	U	0.461	0.463	1.00	0.757	pCi/L	08/22/24 09:05	09/17/24 12:17	1
Carrier	MB		Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	%Yield	Qualifier	30 - 110					08/22/24 09:05	09/17/24 12:17	1
Y Carrier	80.4		30 - 110					08/22/24 09:05	09/17/24 12:17	1

QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254479-2

Method: 9320 - Radium-228 (GFPC) (Continued)

Lab Sample ID: LCS 160-676272/2-A
Matrix: Water
Analysis Batch: 679726

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 676272

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	
										Radium-228
LCS LCS										
Carrier	%Yield	Qualifier	Limits							
Ba Carrier	94.2		30 - 110							
Y Carrier	83.4		30 - 110							

Lab Sample ID: 280-195402-D-1-B DU
Matrix: Water
Analysis Batch: 679726

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 676272

Analyte	Sample Result	Sample Qual	DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	RER	Limit
DU DU										
Carrier	%Yield	Qualifier	Limits							
Ba Carrier	98.7		30 - 110							
Y Carrier	74.4		30 - 110							

QC Association Summary

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254479-2

Rad

Prep Batch: 676271

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254479-1	SCH-GWC-33A	Total/NA	Water	PrecSep-21	
680-254479-2	SCH-GWC-34	Total/NA	Water	PrecSep-21	
680-254479-3	SCH-GWC-37	Total/NA	Water	PrecSep-21	
680-254479-4	SCH-GWA-39	Total/NA	Water	PrecSep-21	
680-254479-5	SCH-CELL3-EB-9	Total/NA	Water	PrecSep-21	
680-254479-6	SCH-GWC-38	Total/NA	Water	PrecSep-21	
680-254479-7	SCH-GWC-35	Total/NA	Water	PrecSep-21	
680-254479-8	SCH-GWA-54	Total/NA	Water	PrecSep-21	
680-254479-9	SCH-GWC-36	Total/NA	Water	PrecSep-21	
680-254479-10	SCH-GWA-40	Total/NA	Water	PrecSep-21	
680-254479-11	SCH-CELL3-EB-10	Total/NA	Water	PrecSep-21	
MB 160-676271/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-676271/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
280-195402-D-1-A DU	Duplicate	Total/NA	Water	PrecSep-21	

Prep Batch: 676272

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-254479-1	SCH-GWC-33A	Total/NA	Water	PrecSep_0	
680-254479-2	SCH-GWC-34	Total/NA	Water	PrecSep_0	
680-254479-3	SCH-GWC-37	Total/NA	Water	PrecSep_0	
680-254479-4	SCH-GWA-39	Total/NA	Water	PrecSep_0	
680-254479-5	SCH-CELL3-EB-9	Total/NA	Water	PrecSep_0	
680-254479-6	SCH-GWC-38	Total/NA	Water	PrecSep_0	
680-254479-7	SCH-GWC-35	Total/NA	Water	PrecSep_0	
680-254479-8	SCH-GWA-54	Total/NA	Water	PrecSep_0	
680-254479-9	SCH-GWC-36	Total/NA	Water	PrecSep_0	
680-254479-10	SCH-GWA-40	Total/NA	Water	PrecSep_0	
680-254479-11	SCH-CELL3-EB-10	Total/NA	Water	PrecSep_0	
MB 160-676272/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-676272/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
280-195402-D-1-B DU	Duplicate	Total/NA	Water	PrecSep_0	

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254479-2

Client Sample ID: SCH-GWC-33A

Lab Sample ID: 680-254479-1

Date Collected: 08/08/24 08:52

Matrix: Water

Date Received: 08/09/24 14:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			997.99 mL	1.0 g	676271	08/22/24 09:01	MLT	EET SL
Total/NA	Analysis	9315		1			679726	09/17/24 23:44	SCB	EET SL
Instrument ID: GFPCBLUE										
Total/NA	Prep	PrecSep_0			997.99 mL	1.0 g	676272	08/22/24 09:05	MLT	EET SL
Total/NA	Analysis	9320		1			679726	09/17/24 12:19	SCB	EET SL
Instrument ID: GFPCBLUE										
Total/NA	Analysis	Ra226_Ra228		1			680190	09/19/24 09:14	FLC	EET SL
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWC-34

Lab Sample ID: 680-254479-2

Date Collected: 08/08/24 11:10

Matrix: Water

Date Received: 08/09/24 14:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1001.23 mL	1.0 g	676271	08/22/24 09:01	MLT	EET SL
Total/NA	Analysis	9315		1			679726	09/17/24 23:44	SCB	EET SL
Instrument ID: GFPCBLUE										
Total/NA	Prep	PrecSep_0			1001.23 mL	1.0 g	676272	08/22/24 09:05	MLT	EET SL
Total/NA	Analysis	9320		1			679750	09/17/24 12:19	SCB	EET SL
Instrument ID: GFPCPURPLE										
Total/NA	Analysis	Ra226_Ra228		1			680190	09/19/24 09:14	FLC	EET SL
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWC-37

Lab Sample ID: 680-254479-3

Date Collected: 08/08/24 11:43

Matrix: Water

Date Received: 08/09/24 14:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1002.36 mL	1.0 g	676271	08/22/24 09:01	MLT	EET SL
Total/NA	Analysis	9315		1			679726	09/17/24 23:44	SCB	EET SL
Instrument ID: GFPCBLUE										
Total/NA	Prep	PrecSep_0			1002.36 mL	1.0 g	676272	08/22/24 09:05	MLT	EET SL
Total/NA	Analysis	9320		1			679750	09/17/24 12:19	SCB	EET SL
Instrument ID: GFPCPURPLE										
Total/NA	Analysis	Ra226_Ra228		1			680190	09/19/24 09:14	FLC	EET SL
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWA-39

Lab Sample ID: 680-254479-4

Date Collected: 08/08/24 09:49

Matrix: Water

Date Received: 08/09/24 14:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			997.59 mL	1.0 g	676271	08/22/24 09:01	MLT	EET SL
Total/NA	Analysis	9315		1			679726	09/17/24 23:44	SCB	EET SL
Instrument ID: GFPCBLUE										

Eurofins Savannah

Lab Chronicle

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254479-2

Client Sample ID: SCH-GWA-39

Lab Sample ID: 680-254479-4

Date Collected: 08/08/24 09:49

Matrix: Water

Date Received: 08/09/24 14:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep_0			997.59 mL	1.0 g	676272	08/22/24 09:05	MLT	EET SL
Total/NA	Analysis	9320		1			679750	09/17/24 12:19	SCB	EET SL
Instrument ID: GFPCPURPLE										
Total/NA	Analysis	Ra226_Ra228		1			680190	09/19/24 09:14	FLC	EET SL
Instrument ID: NOEQUIP										

Client Sample ID: SCH-CELL3-EB-9

Lab Sample ID: 680-254479-5

Date Collected: 08/08/24 09:50

Matrix: Water

Date Received: 08/09/24 14:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1001.70 mL	1.0 g	676271	08/22/24 09:01	MLT	EET SL
Total/NA	Analysis	9315		1			679726	09/17/24 23:44	SCB	EET SL
Instrument ID: GFPCBLUE										
Total/NA	Prep	PrecSep_0			1001.70 mL	1.0 g	676272	08/22/24 09:05	MLT	EET SL
Total/NA	Analysis	9320		1			679750	09/17/24 12:19	SCB	EET SL
Instrument ID: GFPCPURPLE										
Total/NA	Analysis	Ra226_Ra228		1			680190	09/19/24 09:14	FLC	EET SL
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWC-38

Lab Sample ID: 680-254479-6

Date Collected: 08/08/24 13:00

Matrix: Water

Date Received: 08/09/24 14:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1003.80 mL	1.0 g	676271	08/22/24 09:01	MLT	EET SL
Total/NA	Analysis	9315		1			679726	09/17/24 23:44	SCB	EET SL
Instrument ID: GFPCBLUE										
Total/NA	Prep	PrecSep_0			1003.80 mL	1.0 g	676272	08/22/24 09:05	MLT	EET SL
Total/NA	Analysis	9320		1			679750	09/17/24 12:20	SCB	EET SL
Instrument ID: GFPCPURPLE										
Total/NA	Analysis	Ra226_Ra228		1			680190	09/19/24 09:14	FLC	EET SL
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWC-35

Lab Sample ID: 680-254479-7

Date Collected: 08/08/24 12:45

Matrix: Water

Date Received: 08/09/24 14:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			999.60 mL	1.0 g	676271	08/22/24 09:01	MLT	EET SL
Total/NA	Analysis	9315		1			679750	09/17/24 23:44	SCB	EET SL
Instrument ID: GFPCPURPLE										
Total/NA	Prep	PrecSep_0			999.60 mL	1.0 g	676272	08/22/24 09:05	MLT	EET SL
Total/NA	Analysis	9320		1			679750	09/17/24 12:20	SCB	EET SL
Instrument ID: GFPCPURPLE										

Lab Chronicle

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254479-2

Client Sample ID: SCH-GWC-35

Lab Sample ID: 680-254479-7

Date Collected: 08/08/24 12:45

Matrix: Water

Date Received: 08/09/24 14:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Ra226_Ra228		1			680190	09/19/24 09:14	FLC	EET SL

Client Sample ID: SCH-GWA-54

Lab Sample ID: 680-254479-8

Date Collected: 08/08/24 15:11

Matrix: Water

Date Received: 08/09/24 14:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			999.99 mL	1.0 g	676271	08/22/24 09:01	MLT	EET SL
Total/NA	Analysis	9315		1			679750	09/17/24 23:44	SCB	EET SL
Instrument ID: GFPCPURPLE										
Total/NA	Prep	PrecSep_0			999.99 mL	1.0 g	676272	08/22/24 09:05	MLT	EET SL
Total/NA	Analysis	9320		1			679750	09/17/24 12:20	SCB	EET SL
Instrument ID: GFPCPURPLE										
Total/NA	Analysis	Ra226_Ra228		1			680190	09/19/24 09:14	FLC	EET SL
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWC-36

Lab Sample ID: 680-254479-9

Date Collected: 08/08/24 15:35

Matrix: Water

Date Received: 08/09/24 14:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1001.85 mL	1.0 g	676271	08/22/24 09:01	MLT	EET SL
Total/NA	Analysis	9315		1			679750	09/17/24 23:44	SCB	EET SL
Instrument ID: GFPCPURPLE										
Total/NA	Prep	PrecSep_0			1001.85 mL	1.0 g	676272	08/22/24 09:05	MLT	EET SL
Total/NA	Analysis	9320		1			679750	09/17/24 12:20	SCB	EET SL
Instrument ID: GFPCPURPLE										
Total/NA	Analysis	Ra226_Ra228		1			680190	09/19/24 09:14	FLC	EET SL
Instrument ID: NOEQUIP										

Client Sample ID: SCH-GWA-40

Lab Sample ID: 680-254479-10

Date Collected: 08/08/24 15:33

Matrix: Water

Date Received: 08/09/24 14:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			997.35 mL	1.0 g	676271	08/22/24 09:01	MLT	EET SL
Total/NA	Analysis	9315		1			679750	09/17/24 23:44	SCB	EET SL
Instrument ID: GFPCPURPLE										
Total/NA	Prep	PrecSep_0			997.35 mL	1.0 g	676272	08/22/24 09:05	MLT	EET SL
Total/NA	Analysis	9320		1			679750	09/17/24 12:20	SCB	EET SL
Instrument ID: GFPCPURPLE										
Total/NA	Analysis	Ra226_Ra228		1			680190	09/19/24 09:14	FLC	EET SL
Instrument ID: NOEQUIP										

Lab Chronicle

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254479-2

Client Sample ID: SCH-CELL3-EB-10

Lab Sample ID: 680-254479-11

Date Collected: 08/08/24 15:55

Matrix: Water

Date Received: 08/09/24 14:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1004.74 mL	1.0 g	676271	08/22/24 09:01	MLT	EET SL
Total/NA	Analysis	9315		1			679750	09/17/24 23:44	SCB	EET SL
Instrument ID: GFPCPURPLE										
Total/NA	Prep	PrecSep_0			1004.74 mL	1.0 g	676272	08/22/24 09:05	MLT	EET SL
Total/NA	Analysis	9320		1			679750	09/17/24 12:20	SCB	EET SL
Instrument ID: GFPCPURPLE										
Total/NA	Analysis	Ra226_Ra228		1			680190	09/19/24 09:14	FLC	EET SL
Instrument ID: NOEQUIP										

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566



Accreditation/Certification Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254479-2

Laboratory: Eurofins St. Louis

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87689	06-30-25

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13

Method Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-254479-2

Method	Method Description	Protocol	Laboratory
9315	Radium-226 (GFPC)	SW846	EET SL
9320	Radium-228 (GFPC)	SW846	EET SL
Ra226_Ra228	Combined Radium-226 and Radium-228	TAL-STL	EET SL
PrecSep_0	Preparation, Precipitate Separation	None	EET SL
PrecSep-21	Preparation, Precipitate Separation (21-Day In-Growth)	None	EET SL

Protocol References:

None = None

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL-STL = TestAmerica Laboratories, St. Louis, Facility Standard Operating Procedure.

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566



Eurofins Savannah

5102 LaRoche Avenue
Savannah, GA 31404
Phone (912) 354-7858 Phone (912) 352-0165

Chain of Custody Record



Environmental Testing

Client Information
 Client Contact: Mark Mann
 Site-Project Manager / Phone: David Fuller / 770-344-8986
 Joju Abraham
 Dawn Prell / 248-536-5445
 E-Mail: David.Fuller@et.eurofins.com
 Company: Southern Company
 Address: 241 Ralph McGill Blvd SE B10185
 City: Atlanta
 State, Zip: GA, 30308
 Phone: 68027798
 Email: JAbraham@southernco.com
 Project Name: CCR - Plant Scherer Cell 3
 Site:

Analysis Requested
 747A - App IV Mercury
 9315_Ra226 - Radium 226
 9320_Ra228 - Radium 228
 Ra226Ra228_GFP_C - Combined Radium 226 and 228
 2320B - Alkalinity, Total, Carb/Bicarb

Sample Identification

Sample ID	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=wastel, BT=Tissue, AS=air)	Preservation Code	Field Filtered Sample (Yes or No)	300_ORGM_28D - Chloride, Fluoride, Sulfate	2540C - Solids, Total Dissolved (TDS)	6020B - App III/IV, State (15) Metals + Cations (Mg, K, Na)	747A - App IV Mercury	9315_Ra226 - Radium 226	9320_Ra228 - Radium 228	Ra226Ra228_GFP_C - Combined Radium 226 and 228	2320B - Alkalinity, Total, Carb/Bicarb	Total Number of Containers	Task Code: SCH-CCR-OTH-20240808	Special Instructions/Notes:
SCH-GWC-33A	8/8/24	8:52	G	WG		X	N	X	X	X	X	X	X	X	8	EXTRA RAD	
SCH-GWC-34	8/8/24	11:10	G	WG		N	X	X	X	X	X	X	X	X	6		
SCH-GWC-37	8/8/24	11:43	G	WG		N	X	X	X	X	X	X	X	X	6		
SCH-GWA-39	8/8/24	9:49	G	WG		N	X	X	X	X	X	X	X	X	8	EXTRA RAD	
SCH-CELL3-EB-9	8/8/24	09:50	G	WQ		N	X	X	X	X	X	X	X	X	6		
SCH-GWC-38	8/8/24	13:00	G	WG		N	X	X	X	X	X	X	X	X	6		
SCH-GWC-35	8/8/24	12:45	G	WG		N	X	X	X	X	X	X	X	X	6		
SCH-GWA-54	8/8/24	15:11	G	WG		N	X	X	X	X	X	X	X	X	6		
SCH-GWC-36	8/8/24	15:35	G	WG		N	X	X	X	X	X	X	X	X	6		
SCH-GWA-40	8/8/24	15:33	G	WG		N	X	X	X	X	X	X	X	X	6		
SCH-CELL3-EB-10	8/8/24	15:55	G	WQ		N	X	X	X	X	X	X	X	X	6		

Possible Hazard Identification
 Non-Hazard Ammable Flant Poison B Down Radiological

Special Disposal (A fee may be assessed if samples are retained longer than 1 month)
 Return To Client Disposal By Lab Archive For _____ Months

Special Instructions/QC Requirements:

Empty Kit Relinquished by: _____ Date: _____
Relinquished by: MARC MANN / Joju Abraham Date: 08/09/24 12:00
Relinquished by: _____ Date/Time: _____
Relinquished by: _____ Date/Time: _____
Custody Seals Intact: _____
 Custody Seal No.: _____

Received by: Alexander Nuclear 907 Date/Time: 08/09/24 12:00
Received by: _____ Date/Time: _____
Received by: C. Mann Date/Time: 8/9/24 14:55
 Cooler Temperature(s) and Other Remarks: 1.9/1.9 0.3/0.3 0.7/0.7

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-254479-2

Login Number: 254479

List Number: 1

Creator: Munro, Caroline

List Source: Eurofins Savannah

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-254479-2

Login Number: 254479

List Number: 2

Creator: Pinette, Meadow L

List Source: Eurofins St. Louis

List Creation: 08/13/24 01:06 PM

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



APPENDIX B

**Analytical Results
November 2024**



ANALYTICAL REPORT

PREPARED FOR

Attn: Joju Abraham
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Generated 11/26/2024 2:45:01 PM

JOB DESCRIPTION

CCR - Plant Scherer Pac Ash

JOB NUMBER

680-258384-1

Eurofins Savannah

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization



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Authorized for release by
David Fuller, Project Manager
David.Fuller@et.eurofinsus.com
(770)344-8986

Definitions/Glossary

Client: Southern Company
Project/Site: CCR - Plant Scherer Pac Ash

Job ID: 680-258384-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Sample Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Pac Ash

Job ID: 680-258384-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-258384-1	SCH-GWC-53	Water	11/07/24 11:40	11/09/24 10:14
680-258384-2	SCH-GWA-45	Water	11/07/24 10:00	11/09/24 10:14
680-258384-3	SCH-PAC-FD-1	Water	11/07/24 00:00	11/09/24 10:14
680-258384-4	SCH-PAC-FB-1	Water	11/07/24 12:32	11/09/24 10:14
680-258384-5	SCH-PAC-EB-1	Water	11/07/24 10:24	11/09/24 10:14

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Case Narrative

Client: Southern Company
Project: CCR - Plant Scherer Pac Ash

Job ID: 680-258384-1

Job ID: 680-258384-1

Eurofins Savannah

Job Narrative 680-258384-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Receipt

The samples were received on 11/9/2024 10:14 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.0°C.

HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Pac Ash

Job ID: 680-258384-1

Client Sample ID: SCH-GWC-53

Lab Sample ID: 680-258384-1

Date Collected: 11/07/24 11:40

Matrix: Water

Date Received: 11/09/24 10:14

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	180		10	4.0	mg/L			11/22/24 17:19	10
Chloride	14		10	2.0	mg/L			11/22/24 17:19	10

Client Sample ID: SCH-GWA-45

Lab Sample ID: 680-258384-2

Date Collected: 11/07/24 10:00

Matrix: Water

Date Received: 11/09/24 10:14

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	160		10	4.0	mg/L			11/22/24 17:28	10
Chloride	13		10	2.0	mg/L			11/22/24 17:28	10

Client Sample ID: SCH-PAC-FD-1

Lab Sample ID: 680-258384-3

Date Collected: 11/07/24 00:00

Matrix: Water

Date Received: 11/09/24 10:14

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	150		5.0	2.0	mg/L			11/25/24 15:48	5
Chloride	14		1.0	0.20	mg/L			11/22/24 17:36	1

Client Sample ID: SCH-PAC-FB-1

Lab Sample ID: 680-258384-4

Date Collected: 11/07/24 12:32

Matrix: Water

Date Received: 11/09/24 10:14

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			11/22/24 17:44	1
Chloride	<0.20		1.0	0.20	mg/L			11/22/24 17:44	1

Client Sample ID: SCH-PAC-EB-1

Lab Sample ID: 680-258384-5

Date Collected: 11/07/24 10:24

Matrix: Water

Date Received: 11/09/24 10:14

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			11/22/24 17:52	1
Chloride	<0.20		1.0	0.20	mg/L			11/22/24 17:52	1

QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer Pac Ash

Job ID: 680-258384-1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography

Lab Sample ID: MB 680-865843/2
Matrix: Water
Analysis Batch: 865843

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			11/22/24 12:10	1
Chloride	<0.20		1.0	0.20	mg/L			11/22/24 12:10	1

Lab Sample ID: LCS 680-865843/3
Matrix: Water
Analysis Batch: 865843

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	10.0	9.20		mg/L		92	90 - 110
Chloride	10.0	9.27		mg/L		93	90 - 110

Lab Sample ID: LCSD 680-865843/4
Matrix: Water
Analysis Batch: 865843

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	10.0	9.27		mg/L		93	90 - 110	1	15
Chloride	10.0	9.37		mg/L		94	90 - 110	1	15

Lab Sample ID: 680-258084-A-1 MS
Matrix: Water
Analysis Batch: 865843

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	2.1		10.0	13.8		mg/L		117	80 - 120
Chloride	7.3		10.0	18.2		mg/L		110	80 - 120

Lab Sample ID: 680-258084-A-1 MSD
Matrix: Water
Analysis Batch: 865843

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	2.1		10.0	13.7		mg/L		116	80 - 120	0	15
Chloride	7.3		10.0	18.1		mg/L		109	80 - 120	1	15

Lab Sample ID: MB 680-866185/10
Matrix: Water
Analysis Batch: 866185

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			11/25/24 14:28	1
Chloride	<0.20		1.0	0.20	mg/L			11/25/24 14:28	1

Lab Sample ID: LCS 680-866185/11
Matrix: Water
Analysis Batch: 866185

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	10.0	10.0		mg/L		100	90 - 110
Chloride	10.0	9.80		mg/L		98	90 - 110

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QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer Pac Ash

Job ID: 680-258384-1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography

Lab Sample ID: LCSD 680-866185/12
Matrix: Water
Analysis Batch: 866185

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	10.0	9.83		mg/L		98	90 - 110	2	15
Chloride	10.0	9.75		mg/L		98	90 - 110	0	15

Lab Sample ID: 680-257842-N-1 MS
Matrix: Water
Analysis Batch: 866185

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	4.7		10.0	15.8		mg/L		110	80 - 120
Chloride	10		10.0	20.5		mg/L		102	80 - 120

Lab Sample ID: 680-257842-N-1 MSD
Matrix: Water
Analysis Batch: 866185

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	4.7		10.0	15.9		mg/L		112	80 - 120	1	15
Chloride	10		10.0	20.6		mg/L		103	80 - 120	1	15

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Pac Ash

Job ID: 680-258384-1

HPLC/IC

Analysis Batch: 865843

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-258384-1	SCH-GWC-53	Total/NA	Water	300.0-1993 R2.1	
680-258384-2	SCH-GWA-45	Total/NA	Water	300.0-1993 R2.1	
680-258384-3	SCH-PAC-FD-1	Total/NA	Water	300.0-1993 R2.1	
680-258384-4	SCH-PAC-FB-1	Total/NA	Water	300.0-1993 R2.1	
680-258384-5	SCH-PAC-EB-1	Total/NA	Water	300.0-1993 R2.1	
MB 680-865843/2	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-865843/3	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-865843/4	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
680-258084-A-1 MS	Matrix Spike	Total/NA	Water	300.0-1993 R2.1	
680-258084-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0-1993 R2.1	

Analysis Batch: 866185

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-258384-3	SCH-PAC-FD-1	Total/NA	Water	300.0-1993 R2.1	
MB 680-866185/10	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-866185/11	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-866185/12	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
680-257842-N-1 MS	Matrix Spike	Total/NA	Water	300.0-1993 R2.1	
680-257842-N-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0-1993 R2.1	

Lab Chronicle

Client: Southern Company
 Project/Site: CCR - Plant Scherer Pac Ash

Job ID: 680-258384-1

Client Sample ID: SCH-GWC-53

Lab Sample ID: 680-258384-1

Date Collected: 11/07/24 11:40

Matrix: Water

Date Received: 11/09/24 10:14

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		10	2 mL	2 mL	865843	11/22/24 17:19	BS	EET SAV
Instrument ID: CICR										

Client Sample ID: SCH-GWA-45

Lab Sample ID: 680-258384-2

Date Collected: 11/07/24 10:00

Matrix: Water

Date Received: 11/09/24 10:14

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		10	2 mL	2 mL	865843	11/22/24 17:28	BS	EET SAV
Instrument ID: CICR										

Client Sample ID: SCH-PAC-FD-1

Lab Sample ID: 680-258384-3

Date Collected: 11/07/24 00:00

Matrix: Water

Date Received: 11/09/24 10:14

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	2 mL	2 mL	865843	11/22/24 17:36	BS	EET SAV
Instrument ID: CICR										
Total/NA	Analysis	300.0-1993 R2.1		5	2 mL	2 mL	866185	11/25/24 15:48	BS	EET SAV
Instrument ID: CICR										

Client Sample ID: SCH-PAC-FB-1

Lab Sample ID: 680-258384-4

Date Collected: 11/07/24 12:32

Matrix: Water

Date Received: 11/09/24 10:14

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	2 mL	2 mL	865843	11/22/24 17:44	BS	EET SAV
Instrument ID: CICR										

Client Sample ID: SCH-PAC-EB-1

Lab Sample ID: 680-258384-5

Date Collected: 11/07/24 10:24

Matrix: Water

Date Received: 11/09/24 10:14

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	2 mL	2 mL	865843	11/22/24 17:52	BS	EET SAV
Instrument ID: CICR										

Laboratory References:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Accreditation/Certification Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Pac Ash

Job ID: 680-258384-1

Laboratory: Eurofins Savannah

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87052	06-30-25
Georgia	State	E87052	06-30-25

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Method Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Pac Ash

Job ID: 680-258384-1

Method	Method Description	Protocol	Laboratory
300.0-1993 R2.1	Anions, Ion Chromatography	MCAWW	EET SAV

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

Laboratory References:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858



Eurofins Savannah

5102 LaRoche Avenue
Savannah, GA 31404
Phone (912) 354-7858

Chain of Custody Record



Environment Testing

Form containing Client Information, Analysis Requested table, Sample Identification table, and various notes and signatures.

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-258384-1

Login Number: 258384

List Number: 1

Creator: Faught, Timothy

List Source: Eurofins Savannah

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

 **ANALYTICAL REPORT****PREPARED FOR**

Attn: Joju Abraham
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Generated 11/27/2024 11:29:19 AM Revision 1

JOB DESCRIPTION

CCR - Plant Scherer Cell 1

JOB NUMBER

680-258386-1

Eurofins Savannah

Job Notes

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Authorization



Authorized for release by
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David.Fuller@et.eurofinsus.com
(770)344-8986

Generated
11/27/2024 11:29:19 AM
Revision 1

Definitions/Glossary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-258386-1

Qualifiers

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Sample Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-258386-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-258386-1	SCH-GWC-2	Water	11/07/24 11:56	11/09/24 10:14
680-258386-2	SCH-GWC-4	Water	11/06/24 13:13	11/09/24 10:14
680-258386-3	SCH-GWC-6	Water	11/06/24 13:38	11/09/24 10:14
680-258386-4	SCH-GWC-7	Water	11/06/24 15:40	11/09/24 10:14
680-258386-5	SCH-GWC-9	Water	11/06/24 15:21	11/09/24 10:14
680-258386-6	SCH-CELL1-EB-1	Water	11/06/24 11:38	11/09/24 10:14
680-258386-7	SCH-CELL1-FD-1	Water	11/06/24 00:00	11/09/24 10:14
680-258386-8	SCH-CELL1-FB-1	Water	11/06/24 13:08	11/09/24 10:14
680-258386-9	SCH-GWC-3	Water	11/07/24 15:21	11/09/24 10:14

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Case Narrative

Client: Southern Company
Project: CCR - Plant Scherer Cell 1

Job ID: 680-258386-1

Job ID: 680-258386-1

Eurofins Savannah

Job Narrative 680-258386-1

Revision 1

The report being provided is a revision of the original report sent on 11/26/2024. The report (revision 1) is being revised in order to report the correct analytical run for the chromium for SCH-GWC-7 that also matches the correct QC Linking for this sample that were included in the EDDs.

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Receipt

The samples were received on 11/9/2024 10:14 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.0°C.

HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Savannah

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-258386-1

Client Sample ID: SCH-GWC-2

Date Collected: 11/07/24 11:56

Date Received: 11/09/24 10:14

Lab Sample ID: 680-258386-1

Matrix: Water

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	0.0020		0.0010	0.00042	mg/L		11/10/24 09:32	11/11/24 19:05	1

Client Sample ID: SCH-GWC-4

Date Collected: 11/06/24 13:13

Date Received: 11/09/24 10:14

Lab Sample ID: 680-258386-2

Matrix: Water

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.022	J	0.080	0.022	mg/L		11/10/24 09:32	11/12/24 15:30	1

Client Sample ID: SCH-GWC-6

Date Collected: 11/06/24 13:38

Date Received: 11/09/24 10:14

Lab Sample ID: 680-258386-3

Matrix: Water

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.022		0.080	0.022	mg/L		11/10/24 09:32	11/12/24 15:33	1

Client Sample ID: SCH-GWC-7

Date Collected: 11/06/24 15:40

Date Received: 11/09/24 10:14

Lab Sample ID: 680-258386-4

Matrix: Water

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	0.020		0.0020	0.0012	mg/L		11/10/24 09:32	11/12/24 15:15	1

Client Sample ID: SCH-GWC-9

Date Collected: 11/06/24 15:21

Date Received: 11/09/24 10:14

Lab Sample ID: 680-258386-5

Matrix: Water

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	30		1.0	0.40	mg/L			11/25/24 18:41	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	23		0.50	0.14	mg/L		11/10/24 09:32	11/12/24 19:11	1

Client Sample ID: SCH-CELL1-EB-1

Date Collected: 11/06/24 11:38

Date Received: 11/09/24 10:14

Lab Sample ID: 680-258386-6

Matrix: Water

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			11/25/24 18:52	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.022		0.080	0.022	mg/L		11/10/24 09:32	11/12/24 18:55	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-258386-1

Client Sample ID: SCH-CELL1-FD-1

Lab Sample ID: 680-258386-7

Date Collected: 11/06/24 00:00

Matrix: Water

Date Received: 11/09/24 10:14

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	30		1.0	0.40	mg/L			11/25/24 19:00	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	24		0.50	0.14	mg/L		11/10/24 09:32	11/11/24 19:13	1

Client Sample ID: SCH-CELL1-FB-1

Lab Sample ID: 680-258386-8

Date Collected: 11/06/24 13:08

Matrix: Water

Date Received: 11/09/24 10:14

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			11/25/24 19:08	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.022		0.080	0.022	mg/L		11/10/24 09:32	11/12/24 15:25	1

Client Sample ID: SCH-GWC-3

Lab Sample ID: 680-258386-9

Date Collected: 11/07/24 15:21

Matrix: Water

Date Received: 11/09/24 10:14

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	18		1.0	0.40	mg/L			11/22/24 18:00	1

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-258386-1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography

Lab Sample ID: MB 680-865843/2
Matrix: Water
Analysis Batch: 865843

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			11/22/24 12:10	1

Lab Sample ID: LCS 680-865843/3
Matrix: Water
Analysis Batch: 865843

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	10.0	9.20		mg/L		92	90 - 110

Lab Sample ID: LCSD 680-865843/4
Matrix: Water
Analysis Batch: 865843

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	10.0	9.27		mg/L		93	90 - 110	1	15

Lab Sample ID: 680-258084-A-1 MS
Matrix: Water
Analysis Batch: 865843

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	2.1		10.0	13.8		mg/L		117	80 - 120

Lab Sample ID: 680-258084-A-1 MSD
Matrix: Water
Analysis Batch: 865843

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	2.1		10.0	13.7		mg/L		116	80 - 120	0	15

Lab Sample ID: MB 680-866185/10
Matrix: Water
Analysis Batch: 866185

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			11/25/24 14:28	1

Lab Sample ID: LCS 680-866185/11
Matrix: Water
Analysis Batch: 866185

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	10.0	10.0		mg/L		100	90 - 110

Lab Sample ID: LCSD 680-866185/12
Matrix: Water
Analysis Batch: 866185

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	10.0	9.83		mg/L		98	90 - 110	2	15

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QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-258386-1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography

Lab Sample ID: 680-257842-N-13 MS
Matrix: Water
Analysis Batch: 866185

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	18		10.0	29.1		mg/L		109	80 - 120

Lab Sample ID: 680-257842-N-13 MSD
Matrix: Water
Analysis Batch: 866185

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	18		10.0	29.6		mg/L		115	80 - 120	2	15

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 680-863735/1-A
Matrix: Water
Analysis Batch: 864270

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 863735

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.022		0.080	0.022	mg/L		11/10/24 09:32	11/12/24 18:01	1
Calcium	<0.14		0.50	0.14	mg/L		11/10/24 09:32	11/12/24 18:01	1
Chromium	<0.0012		0.0020	0.0012	mg/L		11/10/24 09:32	11/12/24 18:01	1
Nickel	<0.00042		0.0010	0.00042	mg/L		11/10/24 09:32	11/12/24 18:01	1

Lab Sample ID: LCS 680-863735/2-A
Matrix: Water
Analysis Batch: 864270

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 863735

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	0.500	0.469		mg/L		94	80 - 120
Calcium	5.00	5.09		mg/L		102	80 - 120
Chromium	0.100	0.0996		mg/L		100	80 - 120
Nickel	0.100	0.101		mg/L		101	80 - 120

Lab Sample ID: 400-265652-G-5-B MS
Matrix: Water
Analysis Batch: 864270

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 863735

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	<0.022		0.500	0.500		mg/L		100	75 - 125
Calcium	<0.14		5.00	5.07		mg/L		101	75 - 125
Chromium	<0.0012		0.100	0.102		mg/L		102	75 - 125
Nickel	<0.00042		0.100	0.102		mg/L		102	75 - 125

Lab Sample ID: 400-265652-G-5-C MSD
Matrix: Water
Analysis Batch: 864270

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 863735

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	<0.022		0.500	0.495		mg/L		99	75 - 125	1	20
Calcium	<0.14		5.00	5.23		mg/L		105	75 - 125	3	20
Chromium	<0.0012		0.100	0.101		mg/L		101	75 - 125	1	20
Nickel	<0.00042		0.100	0.101		mg/L		101	75 - 125	1	20

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QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-258386-1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 680-863736/1-A
Matrix: Water
Analysis Batch: 864074

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 863736

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	<0.14		0.50	0.14	mg/L		11/10/24 09:32	11/11/24 18:52	1
Chromium	<0.0012		0.0020	0.0012	mg/L		11/10/24 09:32	11/11/24 18:52	1
Nickel	<0.00042		0.0010	0.00042	mg/L		11/10/24 09:32	11/11/24 18:52	1

Lab Sample ID: MB 680-863736/1-A
Matrix: Water
Analysis Batch: 864270

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 863736

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.022		0.080	0.022	mg/L		11/10/24 09:32	11/12/24 15:09	1

Lab Sample ID: LCS 680-863736/2-A
Matrix: Water
Analysis Batch: 864074

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 863736

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Calcium	5.00	5.23		mg/L		105	80 - 120
Chromium	0.100	0.110		mg/L		110	80 - 120
Nickel	0.100	0.112		mg/L		112	80 - 120

Lab Sample ID: LCS 680-863736/2-A
Matrix: Water
Analysis Batch: 864270

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 863736

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	0.500	0.515		mg/L		103	80 - 120

Lab Sample ID: 680-258386-4 MS
Matrix: Water
Analysis Batch: 864270

Client Sample ID: SCH-GWC-7
Prep Type: Total Recoverable
Prep Batch: 863736

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	<0.022		0.500	0.502		mg/L		100	75 - 125
Calcium	16		5.00	20.7		mg/L		88	75 - 125
Chromium	0.020		0.100	0.119		mg/L		98	75 - 125
Nickel	<0.00042		0.100	0.102		mg/L		102	75 - 125

Lab Sample ID: 680-258386-4 MSD
Matrix: Water
Analysis Batch: 864270

Client Sample ID: SCH-GWC-7
Prep Type: Total Recoverable
Prep Batch: 863736

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	<0.022		0.500	0.541		mg/L		108	75 - 125	7	20
Calcium	16		5.00	21.2		mg/L		98	75 - 125	2	20
Chromium	0.020		0.100	0.124		mg/L		103	75 - 125	4	20
Nickel	<0.00042		0.100	0.107		mg/L		107	75 - 125	5	20

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QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-258386-1

HPLC/IC

Analysis Batch: 865843

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-258386-9	SCH-GWC-3	Total/NA	Water	300.0-1993 R2.1	
MB 680-865843/2	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-865843/3	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-865843/4	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
680-258084-A-1 MS	Matrix Spike	Total/NA	Water	300.0-1993 R2.1	
680-258084-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0-1993 R2.1	

Analysis Batch: 866185

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-258386-5	SCH-GWC-9	Total/NA	Water	300.0-1993 R2.1	
680-258386-6	SCH-CELL1-EB-1	Total/NA	Water	300.0-1993 R2.1	
680-258386-7	SCH-CELL1-FD-1	Total/NA	Water	300.0-1993 R2.1	
680-258386-8	SCH-CELL1-FB-1	Total/NA	Water	300.0-1993 R2.1	
MB 680-866185/10	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-866185/11	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-866185/12	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
680-257842-N-13 MS	Matrix Spike	Total/NA	Water	300.0-1993 R2.1	
680-257842-N-13 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0-1993 R2.1	

Metals

Prep Batch: 863735

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-258386-5	SCH-GWC-9	Total Recoverable	Water	3005A	
680-258386-6	SCH-CELL1-EB-1	Total Recoverable	Water	3005A	
MB 680-863735/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-863735/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
400-265652-G-5-B MS	Matrix Spike	Total Recoverable	Water	3005A	
400-265652-G-5-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Prep Batch: 863736

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-258386-1	SCH-GWC-2	Total Recoverable	Water	3005A	
680-258386-2	SCH-GWC-4	Total Recoverable	Water	3005A	
680-258386-3	SCH-GWC-6	Total Recoverable	Water	3005A	
680-258386-4	SCH-GWC-7	Total Recoverable	Water	3005A	
680-258386-7	SCH-CELL1-FD-1	Total Recoverable	Water	3005A	
680-258386-8	SCH-CELL1-FB-1	Total Recoverable	Water	3005A	
MB 680-863736/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-863736/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
680-258386-4 MS	SCH-GWC-7	Total Recoverable	Water	3005A	
680-258386-4 MSD	SCH-GWC-7	Total Recoverable	Water	3005A	

Analysis Batch: 864074

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-258386-1	SCH-GWC-2	Total Recoverable	Water	6020B	863736
680-258386-7	SCH-CELL1-FD-1	Total Recoverable	Water	6020B	863736
MB 680-863736/1-A	Method Blank	Total Recoverable	Water	6020B	863736
LCS 680-863736/2-A	Lab Control Sample	Total Recoverable	Water	6020B	863736

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QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-258386-1

Metals

Analysis Batch: 864270

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-258386-2	SCH-GWC-4	Total Recoverable	Water	6020B	863736
680-258386-3	SCH-GWC-6	Total Recoverable	Water	6020B	863736
680-258386-4	SCH-GWC-7	Total Recoverable	Water	6020B	863736
680-258386-5	SCH-GWC-9	Total Recoverable	Water	6020B	863735
680-258386-6	SCH-CELL1-EB-1	Total Recoverable	Water	6020B	863735
680-258386-8	SCH-CELL1-FB-1	Total Recoverable	Water	6020B	863736
MB 680-863735/1-A	Method Blank	Total Recoverable	Water	6020B	863735
MB 680-863736/1-A	Method Blank	Total Recoverable	Water	6020B	863736
LCS 680-863735/2-A	Lab Control Sample	Total Recoverable	Water	6020B	863735
LCS 680-863736/2-A	Lab Control Sample	Total Recoverable	Water	6020B	863736
400-265652-G-5-B MS	Matrix Spike	Total Recoverable	Water	6020B	863735
400-265652-G-5-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	863735
680-258386-4 MS	SCH-GWC-7	Total Recoverable	Water	6020B	863736
680-258386-4 MSD	SCH-GWC-7	Total Recoverable	Water	6020B	863736

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-258386-1

Client Sample ID: SCH-GWC-2

Lab Sample ID: 680-258386-1

Date Collected: 11/07/24 11:56

Matrix: Water

Date Received: 11/09/24 10:14

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			25 mL	125 mL	863736	11/10/24 09:32	RR	EET SAV
Total Recoverable	Analysis	6020B		1			864074	11/11/24 19:05	BWR	EET SAV
Instrument ID: ICPMSD										

Client Sample ID: SCH-GWC-4

Lab Sample ID: 680-258386-2

Date Collected: 11/06/24 13:13

Matrix: Water

Date Received: 11/09/24 10:14

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			25 mL	125 mL	863736	11/10/24 09:32	RR	EET SAV
Total Recoverable	Analysis	6020B		1			864270	11/12/24 15:30	BWR	EET SAV
Instrument ID: ICPMSD										

Client Sample ID: SCH-GWC-6

Lab Sample ID: 680-258386-3

Date Collected: 11/06/24 13:38

Matrix: Water

Date Received: 11/09/24 10:14

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			25 mL	125 mL	863736	11/10/24 09:32	RR	EET SAV
Total Recoverable	Analysis	6020B		1			864270	11/12/24 15:33	BWR	EET SAV
Instrument ID: ICPMSD										

Client Sample ID: SCH-GWC-7

Lab Sample ID: 680-258386-4

Date Collected: 11/06/24 15:40

Matrix: Water

Date Received: 11/09/24 10:14

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			25 mL	125 mL	863736	11/10/24 09:32	RR	EET SAV
Total Recoverable	Analysis	6020B		1			864270	11/12/24 15:15	BWR	EET SAV
Instrument ID: ICPMSD										

Client Sample ID: SCH-GWC-9

Lab Sample ID: 680-258386-5

Date Collected: 11/06/24 15:21

Matrix: Water

Date Received: 11/09/24 10:14

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	2 mL	2 mL	866185	11/25/24 18:41	BS	EET SAV
Instrument ID: CICR										
Total Recoverable	Prep	3005A			25 mL	125 mL	863735	11/10/24 09:32	RR	EET SAV
Total Recoverable	Analysis	6020B		1			864270	11/12/24 19:11	BWR	EET SAV
Instrument ID: ICPMSD										

Lab Chronicle

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-258386-1

Client Sample ID: SCH-CELL1-EB-1

Lab Sample ID: 680-258386-6

Date Collected: 11/06/24 11:38

Matrix: Water

Date Received: 11/09/24 10:14

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	2 mL	2 mL	866185	11/25/24 18:52	BS	EET SAV
Instrument ID: CICR										
Total Recoverable	Prep	3005A			25 mL	125 mL	863735	11/10/24 09:32	RR	EET SAV
Total Recoverable	Analysis	6020B		1			864270	11/12/24 18:55	BWR	EET SAV
Instrument ID: ICPMSD										

Client Sample ID: SCH-CELL1-FD-1

Lab Sample ID: 680-258386-7

Date Collected: 11/06/24 00:00

Matrix: Water

Date Received: 11/09/24 10:14

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	2 mL	2 mL	866185	11/25/24 19:00	BS	EET SAV
Instrument ID: CICR										
Total Recoverable	Prep	3005A			25 mL	125 mL	863736	11/10/24 09:32	RR	EET SAV
Total Recoverable	Analysis	6020B		1			864074	11/11/24 19:13	BWR	EET SAV
Instrument ID: ICPMSD										

Client Sample ID: SCH-CELL1-FB-1

Lab Sample ID: 680-258386-8

Date Collected: 11/06/24 13:08

Matrix: Water

Date Received: 11/09/24 10:14

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	2 mL	2 mL	866185	11/25/24 19:08	BS	EET SAV
Instrument ID: CICR										
Total Recoverable	Prep	3005A			25 mL	125 mL	863736	11/10/24 09:32	RR	EET SAV
Total Recoverable	Analysis	6020B		1			864270	11/12/24 15:25	BWR	EET SAV
Instrument ID: ICPMSD										

Client Sample ID: SCH-GWC-3

Lab Sample ID: 680-258386-9

Date Collected: 11/07/24 15:21

Matrix: Water

Date Received: 11/09/24 10:14

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	2 mL	2 mL	865843	11/22/24 18:00	BS	EET SAV
Instrument ID: CICR										

Laboratory References:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Accreditation/Certification Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-258386-1

Laboratory: Eurofins Savannah

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87052	06-30-25
Georgia	State	E87052	06-30-25

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Method Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-258386-1

Method	Method Description	Protocol	Laboratory
300.0-1993 R2.1	Anions, Ion Chromatography	MCAWW	EET SAV
6020B	Metals (ICP/MS)	SW846	EET SAV
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET SAV

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

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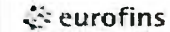
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Eurofins Savannah

5102 LaRoche Avenue
Savannah, GA 31404
Phone (912) 354-7858 Phone (912) 352-0165

Chain of Custody Record



Environment Testing

Client Information		Sampler(s): Lisa Duong		Lab PM / Phone: David Fuller / 770-344-8986		Carrier Tracking No(s):		COC No:															
Client Contact: Joju Abraham		Site-Project Manager / Phone: Dawn Prell / 248-536-5445		E-Mail: David.Fuller@et.eurofinsus.com		State of Origin: GA		Page: Page 1 of 1															
Company: Southern Company				Analysis Requested				Job #:															
Address: 241 Ralph McGill Blvd SE B10185		Due Date Requested:		<table border="1"> <tr> <td>Field Filtered Sample (Yes or No)</td> <td>Perform MS/MSD (Yes or No)</td> <td>300_ORGFM_28D - Sulfate</td> <td>6020B - Nickel</td> <td>6020B - Boron</td> <td>6020B - Calcium</td> <td>6020B - Chromium</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>				Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Sulfate	6020B - Nickel	6020B - Boron	6020B - Calcium	6020B - Chromium								Preservation Codes:	
Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Sulfate	6020B - Nickel					6020B - Boron	6020B - Calcium	6020B - Chromium													
City: Atlanta		TAT Requested (days): 2 weeks						A - HCL		M - Hexane													
State, Zip: GA, 30308		Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No						B - NaOH		N - None													
Phone:		Lab Project #: (DO NOT REMOVE) 68027798						C - Zn Acetate		O - AsNaO2													
Email: JAbraham@southernco.com		Lab PO #: GPC82130-0006 / PO Line #3		D - Nitric Acid		P - Na2O4S																	
Project Name: CCR - Plant Scherer Cell 1		Project #:		E - NaHSO4		Q - Na2SO3																	
Site:		Task Code: SCH-CCR-ASSMT-2024S2R1		F - MeOH		R - Na2S2O3																	
Sample Identification		Sample Date		Sample Time		Sample Type (C=comp, G=grab)		Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)															
								Other:															
								Task Code: SCH-CCR-ASSMT-2024S2R1															
								Special Instructions/Notes:															

Possible Hazard Identification
 Non-Hazard Flammable Skin Irritant Poison B Unknown Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
 Return To Client Disposal By Lab Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify) _____ Special Instructions/QC Requirements: _____

Empty Kit Relinquished by: _____ Date: _____ Time: _____ Method of Shipment: _____

Relinquished by: MARK MANN / [Signature] Date/Time: 11/08/24 11:49 Company: WSP Received by: [Signature] Date/Time: 11/8/24 11:49 Company: [Signature]

Relinquished by: [Signature] / [Signature] Date/Time: 11/8/24 16:00 Company: [Signature] Received by: [Signature] Date/Time: _____ Company: _____

Relinquished by: _____ Date/Time: _____ Company: _____ Received by: _____ Date/Time: 11/9/24 10:14 Company: _____

Custody Seals Intact: Yes No Custody Seal No.: _____ Cooler Temperature(s) °C and Other Remarks: 3.0/3.0



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Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-258386-1

Login Number: 258386

List Source: Eurofins Savannah

List Number: 1

Creator: Faught, Timothy

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

APPENDIX B

Data Validation Summary
February-May 2024

Quality Control Review of Analytical Data - Plant Scherer Cell 1, PAC Ash Cell, and Cell 3 Submitted by Eurofins Environmental Testing February - May 2024

This narrative presents results of the quality control (QC) data review performed on analytical data submitted by Eurofins Environmental Testing, Inc. for groundwater samples collected in two active cells, Cell 1, PAC Ash Cell, and Cell 3 at Plant Scherer CCR site (Site) between February 28, 2024, and May 20, 2024. The chemical data were reviewed to identify quality issues which could affect the use of the data for decision making purposes.

Information regarding the primary sample locations, analytical parameters, QC samples, sampling dates, and laboratory sample delivery group (SDG) designations is summarized in Table 1. In accordance with groundwater monitoring and corrective action procedures discussed in Title 40 CFR, Subpart D - Standards for the Disposal of Coal Combustion Residuals in Landfills and Surface Impoundments and the Georgia Environmental Protection Division Rules for Solid Waste Management 391-3-4-.10, the groundwater samples were analyzed for detection monitoring constituents listed in 40 CFR, Part 257, Appendix III and for applicable state and federal monitoring parameters pursuant to the Site's 2010 Design & Operations (D&O) Plan. Additional analysis included cations and anions (potassium, magnesium, and sodium) and alkalinity (total, carbonate, and bicarbonate). Test methods included Inductively Coupled Plasma - Mass Spectrometry (USEPA Method 6020B), Mercury in Liquid Wastes (USEPA Method 7470A), Determination of Inorganic Anions by Ion Chromatography (USEPA Method 300.0), Total Dissolved Solids (Standard Methods 2540C), and Alkalinity by Titration through Standard Method 2320B (SM2320B).

Data were reviewed in accordance with the US EPA Region IV Data Validation Standard Operating Procedures for Contract Laboratory Program (CLP) Inorganic Data by Inductively Coupled Plasma – Atomic Emission Spectroscopy and Inductively Coupled Plasma – Mass Spectroscopy (September 2011, Rev. 2.0), US EPA Region IV Data Validation Standard Operating Procedures for CLP Mercury Data by Cold Vapor Atomic Absorption (September 2011, Rev. 2.0), the National Functional Guidelines for Inorganic Superfund Methods Data Review (November 2020), and US Department of Energy, Evaluation of Radiochemical Data Usability (April 1997). The review included an assessment of the results for completeness, precision (field and laboratory duplicates, matrix spike/matrix spike duplicates), accuracy (laboratory control samples and matrix spike samples), and sensitivity (reporting limits and blank contamination, including field and laboratory blanks). Additionally, sample procedures, holding times and chains-of-custody were reviewed. Where there was a discrepancy between the QC criteria in the guidelines and the QC criterion established in the analytic methodology, method-specific criteria or professional judgment was used.

DATA QUALITY OBJECTIVES

- Laboratory Precision:** Laboratory goals for precision were met except total dissolved solids (TDS) and calcium, as described in the qualification section below.
- Field Precision:** Field goals for precision were met except carbonate alkalinity as CaCO₃ and sulfate as described in the qualification section below.
- Accuracy:** Laboratory goals for accuracy were met.
- Sensitivity:** Project goals for detection limits were met. Certain samples were diluted due to elevated concentrations of target analytes. Dilutions do not require qualifications based on USEPA guidelines. Detection and reporting limits of non-detect compounds are elevated proportional to the dilution when undiluted sample results are not provided by the laboratory. The data usability of diluted results was

evaluated by the data user in the context of site-wide characterization. Detections were found in certain blank results, as described in the qualification sections below.

Completeness: There were no rejected analytical results for this event, resulting in a completion of 100%.

Holding Times: All holding time requirements were met in accordance with specific analytical methods.

QUALIFICATIONS

In general, chemical results for the samples collected at the Site were qualified on the basis of imprecision or inaccuracy, or on the basis of professional judgment. The following definitions provide brief explanations of the qualifiers which may have been assigned to data during the data validation process.

- J** The analyte was positively identified above the method detection limit; however, the associated numerical value is the approximate concentration of the analyte in the sample.
- J+** The analyte was reported above the method detection limit; however, the concentration reported is an estimated value that may be biased high.
- U** The analyte was not detected above the method detection limit.

The data generated as part of this sampling event met the QC criteria established in the respective analytical methods and data validation guidelines except as specified below. Although these qualifications were applied to data from samples collected at the Site and reported in SDGs 680-247427-1, 680-247613-1, 680-247414-1, 680-247418-1, 680-247248-1, and 680-251059-1, qualifications may not have been required or applied to all samples collected. A summary of sample qualifications can be found in Table 2.

- TDS result for samples SCH-SWA-3 and SCH-SWC-4 from SDG 680-247418-1 were qualified as estimated (J) when the laboratory duplicate relative percent difference (RPD) exceeded criteria.
- The carbonate alkalinity as CaCO₃ results for samples SCH-GWC-4 from SDG 680-247427-1 and SCH-GWC-53 and SCH-GWC-52 from SDG 680-247613-1 were qualified as estimated (J) when the field duplicate RPD exceeded criteria.
- Calcium result in sample SCH-SWA-1 from SDG 680-247418-1 was qualified as estimated, high biased (J+) when the MS and/or MSD recoveries were above laboratory criteria.
- Certain boron, copper, lead, molybdenum, nickel, and sulfate results from 680-247427-1, 680-247613-1, 680-247414-1, 680-247418-1, 680-247248-1, and 680-251059-1 were qualified as non-detect (U) when the analyte was detected at a similar level in an associated blank sample. As shown in Table 2, if the original sample results were below the reporting limit (RL), the results were qualified as non-detect (U) and the RL was reported as the result. If the original sample results were greater than the RL, the original results were reported as the new RL and were U qualified.

WSP reviewed the data from samples collected at Plant Scherer CCR Cell 1, PAC Ash, and Cell 3 between February 22, 2024, and May 20, 2024 in accordance with the analytical methods, the laboratory specific QC criteria, and the guidelines. As described above, 100% of the results were acceptable for project use. The data are considered usable for meeting project objectives and the results are considered valid.

REFERENCE

Paar, J.G. & Porterfield, D.R. Evaluation of Radiochemical Data Usability. United States Department of Energy, Office of Environmental Restoration and Waste Management, Oak Ridge National Laboratory, April 1997.

US EPA, November 2020, National Functional Guidelines for Inorganic Superfund Methods Data Review, Office of Superfund Remediation and Technology Innovation. OLEM 9240.0-51 [EPA 540-R-20-005]. Washington. DC, November 2020.

USEPA, September 2011, Region 4, Science and Ecosystem Support Division, Quality Assurance Section, MTSB, Data Validation Standard Operating Procedures for Contract Laboratory Program Inorganic Data By Inductively Coupled Plasma – Atomic Emission Spectroscopy and Inductively Coupled Plasma – Mass Spectroscopy, Revision 2.0.

USEPA, September 2011, Region 4, Science and Ecosystem Support Division, Quality Assurance Section, MTSB, Data Validation Standard Operating Procedures for Contract Laboratory Program Mercury Data By Cold Vapor Atomic Absorption, Revision 2.0.

TABLE 1
Sample Summary Table
SCS Plant Scherer

SDGs	Field Identification	Collection Date	Lab Identification	Matrix	QC Samples	Analyses										
						Alkalinity (SM 2320B)	Anions (EPA 300.0)	Mercury (EPA 7470A)	Total Metals (SW 6020B)	Total Dissolved Solids (SW 2540C)	Cations (EPA 6010D)	COD (410.4)	Cyanide (SM 4500 CN)	TOC (SM 5310C)	Radium-226 (EPA 9315)	Radium-228 (EPA 9320)
680-247345-1	SCH-GWA-16	2/28/2024	680-247345-1	WG	-	X	X	X	X	X	X	-	-	-	-	-
680-247345-1	SCH-GWA-17	2/28/2024	680-247345-2	WG	-	X	X	X	X	X	X	-	-	-	-	-
680-247427-1	SCH-GWC-4	2/29/2024	680-247427-1	WG	-	X	X	X	X	X	X	-	-	-	-	-
680-247427-1	SCH-GWC-5	2/29/2024	680-247427-2	WG	-	X	X	X	X	X	X	-	-	-	-	-
680-247427-1	SCH-GWC-6	2/29/2024	680-247427-3	WG	-	X	X	X	X	X	X	-	-	-	-	-
680-247427-1	SCH-GWC-7	2/29/2024	680-247427-4	WG	-	X	X	X	X	X	X	-	-	-	-	-
680-247427-1	SCH-GWC-8A	2/29/2024	680-247427-5	WG	-	X	X	X	X	X	X	-	-	-	-	-
680-247427-1	SCH-GWC-11	2/29/2024	680-247427-6	WG	-	X	X	X	X	X	X	-	-	-	-	-
680-247427-1	SCH-GWC-12	2/29/2024	680-247427-7	WG	-	X	X	X	X	X	X	-	-	-	-	-
680-247427-1	SCH-GWC-18	2/29/2024	680-247427-8	WG	-	X	X	X	X	X	X	-	-	-	-	-
680-247427-1	SCH-GWC-19	2/29/2024	680-247427-9	WG	-	X	X	X	X	X	X	-	-	-	-	-
680-247427-1	SCH-CELL1-FD-5	2/29/2024	680-247427-10	WG	FD(SCH-GWC-4)	X	X	X	X	X	X	-	-	-	-	-
680-247427-1	SCH-CELL1-FD-6	2/29/2024	680-247427-11	WG	FD(SCH-GWC-12)	X	X	X	X	X	X	-	-	-	-	-
680-247427-1	SCH-CELL1-EB-5	2/29/2024	680-247427-12	WQ	EB (SCH-GWC-6)	X	X	X	X	X	X	-	-	-	-	-
680-247427-1	SCH-CELL1-FB-5	2/29/2024	680-247427-13	WQ	FB(SCH-GWC-5)	X	X	X	X	X	X	-	-	-	-	-
680-247427-1	SCH-CELL1-EB-6	2/29/2024	680-247427-14	WQ	EB (SCH-GWC-18)	X	X	X	X	X	X	-	-	-	-	-
680-247427-1	SCH-CELL1-FB-6	2/29/2024	680-247427-15	WQ	FB(SCH-GWC-19)	X	X	X	X	X	X	-	-	-	-	-
680-247427-1	SCH-GWC-20	3/1/2024	680-247427-16	WG	-	X	X	X	X	X	X	-	-	-	-	-
680-247427-1	SCH-GWC-1	3/1/2024	680-247427-17	WG	-	X	X	X	X	X	X	-	-	-	-	-
680-247427-1	SCH-GWC-9	3/1/2024	680-247427-18	WG	-	X	X	X	X	X	X	-	-	-	-	-
680-247427-1	SCH-GWC-13	3/1/2024	680-247427-19	WG	-	X	X	X	X	X	X	-	-	-	-	-
680-247427-1	SCH-GWC-14	3/1/2024	680-247427-20	WG	-	X	X	X	X	X	X	-	-	-	-	-
680-247427-1	SCH-GWC-2	3/1/2024	680-247427-21	WG	-	X	X	X	X	X	X	-	-	-	-	-
680-247427-1	SCH-GWC-10	3/1/2024	680-247427-22	WG	-	X	X	X	X	X	X	-	-	-	-	-
680-247612-1	SCH-GWC-3	3/4/2024	680-247612-1	WG	-	X	X	X	X	X	X	-	-	-	-	-
680-247612-1	SCH-GWA-15	3/4/2024	680-247612-2	WG	-	X	X	X	X	X	X	-	-	-	-	-
680-247613-1	SCH-PAC-EB-8	3/4/2024	680-247613-1	WQ	EB (SCH-GWA-46)	X	X	X	X	X	X	-	-	-	-	-
680-247613-1	SCH-GWA-46	3/4/2024	680-247613-2	WG	-	X	X	X	X	X	X	-	-	-	-	-
680-247613-1	SCH-GWA-45	3/4/2024	680-247613-3	WG	-	X	X	X	X	X	X	-	-	-	-	-
680-247613-1	SCH-GWA-22	3/4/2024	680-247613-4	WG	-	X	X	X	X	X	X	-	-	-	-	-
680-247613-1	SCH-PAC-FB-7	3/4/2024	680-247613-5	WQ	FB (SCH-GWA-22)	X	X	X	X	X	X	-	-	-	-	-
680-247613-1	SCH-GWA-47	3/4/2024	680-247613-6	WG	-	X	X	X	X	X	X	-	-	-	-	-
680-247613-1	SCH-GWC-53	3/4/2024	680-247613-7	WG	-	X	X	X	X	X	X	-	-	-	-	-
680-247613-1	SCH-PAC-FD-7	3/4/2024	680-247613-8	WG	FD (SCH-GWC-53)	X	X	X	X	X	X	-	-	-	-	-
680-247613-1	SCH-PAC-FB-8	3/4/2024	680-247613-9	WQ	FB (SCH-GWC-51)	X	X	X	X	X	X	-	-	-	-	-
680-247613-1	SCH-GWC-51	3/4/2024	680-247613-10	WG	-	X	X	X	X	X	X	-	-	-	-	-
680-247613-1	SCH-GWA-48	3/4/2024	680-247613-11	WG	-	X	X	X	X	X	X	-	-	-	-	-
680-247613-1	SCH-GWC-52	3/4/2024	680-247613-12	WG	-	X	X	X	X	X	X	-	-	-	-	-
680-247613-1	SCH-PAC-FD-8	3/4/2024	680-247613-13	WG	FD (SCH-GWC-52)	X	X	X	X	X	X	-	-	-	-	-
680-247613-1	SCH-GWC-50	3/4/2024	680-247613-14	WG	-	X	X	X	X	X	X	-	-	-	-	-
680-247613-1	SCH-GWA-49	3/4/2024	680-247613-15	WG	-	X	X	X	X	X	X	-	-	-	-	-
680-247613-1	SCH-GWC-29	3/4/2024	680-247613-16	WG	-	X	X	X	X	X	X	-	-	-	-	-
680-247414-1	SCH-GWA-21	2/29/2024	680-247414-1	WG	-	X	X	X	X	X	-	-	-	-	-	-
680-247414-1	SCH-PAC-EB-7	2/29/2024	680-247414-2	WQ	EB (SCH-GWA-21)	X	X	X	X	X	-	-	-	-	-	-
680-247250-1	SCH-SWA-2	2/26/2024	680-247250-1	WS	-	X	X	X	X	X	X	X	X	X	-	-
680-247418-1	SCH-SWA-1	2/29/2024	680-247418-1	WS	-	X	X	X	X	X	X	X	X	X	-	-
680-247418-1	SCH-SWA-3	2/29/2024	680-247418-2	WS	-	X	X	X	X	X	X	X	X	X	-	-
680-247418-1	SCH-SWC-4	2/29/2024	680-247418-3	WS	-	X	X	X	X	X	X	-	-	-	-	-
680-247418-1	SCH-SWC-6	2/29/2024	680-247418-4	WS	-	X	X	X	X	X	X	-	-	-	-	-
680-247418-1	SCH-SWC-7	2/29/2024	680-247418-5	WS	-	X	X	X	X	X	X	X	X	X	-	-
680-247418-1	SCH-SWC-8	2/29/2024	680-247418-6	WS	-	X	X	X	X	X	X	-	-	-	-	-



TABLE 1
Sample Summary Table
SCS Plant Scherer

SDGs	Field Identification	Collection Date	Lab Identification	Matrix	QC Samples	Analyses										
						Alkalinity (SM 2320B)	Anions (EPA 300.0)	Mercury (EPA 7470A)	Total Metals (SW 6020B)	Total Dissolved Solids (SW 2540C)	Cations (EPA 6010D)	COD (410.4)	Cyanide (SM 4500 CN)	TOC (SM 5310C)	Radium-226 (EPA 9315)	Radium-228 (EPA 9320)
680-247420-1	SCH-FGD-EFFLUENT	2/29/2024	680-247420-1	WL	-	-	-	X	X	-	-	-	-	-	-	-
680-247131-1	SCH-GWC-35	2/22/2024	680-247131-1	WG	-	X	X	X	X	X	-	-	-	-	-	-
680-247131-1	SCH-CELL3-FB-9	2/22/2024	680-247131-2	WQ	FB (SCH-GWC-35)	X	X	X	X	X	-	-	-	-	-	-
680-247131-1	SCH-GWC-36	2/22/2024	680-247131-3	WG	-	X	X	X	X	X	-	-	-	-	-	-
680-247131-1	SCH-CELL3-EB-9	2/22/2024	680-247131-4	WQ	EB (SCH-GWC-36)	X	X	X	X	X	-	-	-	-	-	-
680-247131-1	SCH-GWC-37	2/22/2024	680-247131-5	WG	-	X	X	X	X	X	-	-	-	-	-	-
680-247131-1	SCH-CELL3-FB-10	2/22/2024	680-247131-6	WQ	FB (SCH-GWC-37)	X	X	X	X	X	-	-	-	-	-	-
680-247131-1	SCH-GWC-38	2/22/2024	680-247131-7	WG	-	X	X	X	X	X	-	-	-	-	-	-
680-247131-1	SCH-CELL3-FD-10	2/22/2024	680-247131-8	WG	FD (SCH-GWC-38)	X	X	X	X	X	-	-	-	-	-	-
680-247131-1	SCH-GWA-44A	2/22/2024	680-247131-9	WG	-	X	X	X	X	X	-	-	-	-	-	-
680-247131-1	SCH-GWC-31	2/22/2024	680-247131-10	WG	-	X	X	X	X	X	-	-	-	-	-	-
680-247131-1	SCH-GWC-30	2/22/2024	680-247131-11	WG	-	X	X	X	X	X	-	-	-	-	-	-
680-247131-1	SCH-GWC-32	2/22/2024	680-247131-12	WG	-	X	X	X	X	X	-	-	-	-	-	-
680-247131-1	SCH-GWA-43	2/22/2024	680-247131-13	WG	-	X	X	X	X	X	-	-	-	-	-	-
680-247131-1	SCH-GWC-33A	2/22/2024	680-247131-14	WG	-	X	X	X	X	X	-	-	-	-	-	-
680-247131-1	SCH-CELL3-FD-9	2/22/2024	680-247131-15	WG	FD (SCH-GWC-33A)	X	X	X	X	X	-	-	-	-	-	-
680-247248-1	SCH-GWC-34	2/26/2024	680-247248-1	WG	-	X	X	X	X	X	-	-	-	-	-	-
680-247248-1	SCH-GWA-41	2/26/2024	680-247248-2	WG	-	X	X	X	X	X	-	-	-	-	-	-
680-247248-1	SCH-GWA-54	2/26/2024	680-247248-3	WG	-	X	X	X	X	X	-	-	-	-	-	-
680-247248-1	SCH-CELL3-EB-10	2/26/2024	680-247248-4	WQ	EB (SCH-GWA-54)	X	X	X	X	X	-	-	-	-	-	-
680-247248-1	SCH-GWA-39	2/26/2024	680-247248-5	WG	-	X	X	X	X	X	-	-	-	-	-	-
680-247248-1	SCH-GWA-40	2/26/2024	680-247248-6	WG	-	X	X	X	X	X	-	-	-	-	-	-
680-247248-1	SCH-GWA-42	2/26/2024	680-247248-7	WG	-	X	X	X	X	X	-	-	-	-	-	-
680-247131-2	SCH-GWC-35	2/22/2024	680-247131-1	WG	-	-	-	-	-	-	-	-	-	X	X	X
680-247131-2	SCH-CELL3-FB-9	2/22/2024	680-247131-2	WQ	FB (SCH-GWC-35)	-	-	-	-	-	-	-	-	X	X	X
680-247131-2	SCH-GWC-36	2/22/2024	680-247131-3	WG	-	-	-	-	-	-	-	-	-	X	X	X
680-247131-2	SCH-CELL3-EB-9	2/22/2024	680-247131-4	WQ	EB (SCH-GWC-36)	-	-	-	-	-	-	-	-	X	X	X
680-247131-2	SCH-GWC-37	2/22/2024	680-247131-5	WG	-	-	-	-	-	-	-	-	-	X	X	X
680-247131-2	SCH-CELL3-FB-10	2/22/2024	680-247131-6	WQ	FB (SCH-GWC-37)	-	-	-	-	-	-	-	-	X	X	X
680-247131-2	SCH-GWC-38	2/22/2024	680-247131-7	WG	-	-	-	-	-	-	-	-	-	X	X	X
680-247131-2	SCH-CELL3-FD-10	2/22/2024	680-247131-8	WG	FD (SCH-GWC-38)	-	-	-	-	-	-	-	-	X	X	X
680-247131-2	SCH-GWA-44A	2/22/2024	680-247131-9	WG	-	-	-	-	-	-	-	-	-	X	X	X
680-247131-2	SCH-GWC-31	2/22/2024	680-247131-10	WG	-	-	-	-	-	-	-	-	-	X	X	X
680-247131-2	SCH-GWC-30	2/22/2024	680-247131-11	WG	-	-	-	-	-	-	-	-	-	X	X	X
680-247131-2	SCH-GWC-32	2/22/2024	680-247131-12	WG	-	-	-	-	-	-	-	-	-	X	X	X
680-247131-2	SCH-GWA-43	2/22/2024	680-247131-13	WG	-	-	-	-	-	-	-	-	-	X	X	X
680-247131-2	SCH-GWC-33A	2/22/2024	680-247131-14	WG	-	-	-	-	-	-	-	-	-	X	X	X
680-247131-2	SCH-CELL3-FD-9	2/22/2024	680-247131-15	WG	FD (SCH-GWC-33A)	-	-	-	-	-	-	-	-	X	X	X
680-247248-2	SCH-GWC-34	2/26/2024	680-247248-1	WG	-	-	-	-	-	-	-	-	-	X	X	X
680-247248-2	SCH-GWA-41	2/26/2024	680-247248-2	WG	-	-	-	-	-	-	-	-	-	X	X	X
680-247248-2	SCH-GWA-54	2/26/2024	680-247248-3	WG	-	-	-	-	-	-	-	-	-	X	X	X
680-247248-2	SCH-CELL3-EB-10	2/26/2024	680-247248-4	WQ	EB (SCH-GWA-54)	-	-	-	-	-	-	-	-	X	X	X
680-247248-2	SCH-GWA-39	2/26/2024	680-247248-5	WG	-	-	-	-	-	-	-	-	-	X	X	X
680-247248-2	SCH-GWA-40	2/26/2024	680-247248-6	WG	-	-	-	-	-	-	-	-	-	X	X	X
680-247248-2	SCH-GWA-42	2/26/2024	680-247248-7	WG	-	-	-	-	-	-	-	-	-	X	X	X
680-250622-1	SCH-GWC-14	5/7/2024	680-250622-2	WG	-	-	-	X	-	-	-	-	-	-	-	-
680-250622-1	SCH-GWC-7	5/7/2024	680-250622-4	WG	-	-	-	X	-	-	-	-	-	-	-	-
680-251059-1	SCH-GWC-4	5/20/2024	680-251059-1	WG	-	-	-	X	-	-	-	-	-	-	-	-
680-251059-1	SCH-GWC-6	5/20/2024	680-251059-2	WG	-	-	X	-	X	-	-	-	-	-	-	-
680-251059-1	SCH-GWC-10	5/20/2024	680-251059-3	WG	-	-	X	-	X	-	-	-	-	-	-	-
680-251059-1	SCH-CELL1-FD-1	5/20/2024	680-251059-4	WG	FD (SCH-GWC-10)	-	X	-	X	-	-	-	-	-	-	-

TABLE 1
Sample Summary Table
SCS Plant Scherer

SDGs	Field Identification	Collection Date	Lab Identification	Matrix	QC Samples	Analyses									
						Alkalinity (SM 2320B)	Anions (EPA 300.0)	Mercury (EPA 7470A)	Total Metals (SW 6020B)	Total Dissolved Solids (SW 2540C)	Cations (EPA 6010D)	COD (410.4)	Cyanide (SM 4500 CN)	TOC (SM 5310C)	Radium-226 (EPA 9315)
680-251059-1	SCH-CELL1-FB-2	5/20/2024	680-251059-5	WQ	FB (SCH-GWC-6)	-	X	-	X	-	-	-	-	-	-
680-251059-1	SCH-CELL1-EB-3	5/20/2024	680-251059-6	WQ	EB (SCH-GWC-3)	-	X	-	X	-	-	-	-	-	-
680-251059-1	SCH-GWC-3	5/20/2024	680-251059-7	WG	-	-	X	-	-	-	-	-	-	-	-
680-251060-1	SCH-GWC-53	5/20/2024	680-251060-1	WG	-	-	X	-	-	-	-	-	-	-	-

Abbreviations:

SDG- Sample Delivery Group
 QC - Quality Control
 WG - Groundwater
 WQ - Water quality control

SW - Solid Waste
 EPA - Environmental Protection Agency
 FB - Field Blank
 EB - Equipment Blank

FD - Field Duplicate
 WL - Leachate
 WS - Surface Water
 FGD - Flue gas desulfurization

TABLE 2
Qualifier Summary Table
SCS Plant Scherer

SDG	Sample Name	Constituent	New Result	New RL or MDC	Qualifier	Reason
680-247427-1	SCH-GWC-20	Nickel	0.001	-	U	Laboratory blank contamination
680-247427-1	SCH-GWC-9	Nickel	0.001	-	U	Laboratory blank contamination
680-247427-1	SCH-GWC-5	Nickel	0.001	-	U	Laboratory blank contamination
680-247427-1	SCH-GWC-6	Nickel	0.001	-	U	Laboratory blank contamination
680-247427-1	SCH-GWC-19	Nickel	0.001	-	U	Laboratory blank contamination
680-247427-1	SCH-GWC-4	Nickel	-	0.0015	U	Laboratory blank contamination
680-247427-1	SCH-GWC-4	Total Alkalinity as CaCO3	-	-	J	Field duplicate RPD does not meet quality control criteria
680-247427-1	SCH-GWC-4	Bicarbonate Alkalinity as CaCO3	-	-	J	Field duplicate RPD does not meet quality control criteria
680-247427-1	SCH-CELL1-FD-5	Total Alkalinity as CaCO3	-	-	J	Field duplicate RPD does not meet quality control criteria
680-247427-1	SCH-CELL1-FD-5	Bicarbonate Alkalinity as CaCO3	-	-	J	Field duplicate RPD does not meet quality control criteria
680-247613-1	SCH-GWA-22	Copper	-	0.0025	U	Field blank contamination
680-247613-1	SCH-GWC-53	Sulfate	-	-	J	Field duplicate RPD exceedance
680-247613-1	SCH-PAC-FD-7	Sulfate	-	-	J	Field duplicate RPD exceedance
680-247613-1	SCH-GWC-52	Sulfate	-	-	J	Field duplicate RPD exceedance
680-247613-1	SCH-PAC-FD-8	Sulfate	-	-	J	Field duplicate RPD exceedance
680-247414-1	SCH-GWA-21	Lead	-	0.00023	U	Contamination detected in the Equipment Blank less than the Quantitation Limit.
680-247418-1	SCH-SWA-1	Nickel	-	0.0014	U	Method blank contamination
680-247418-1	SCH-SWA-1	Calcium	-	-	J+	MSD recovery was above QC limits
680-247418-1	SCH-SWC-4	TDS	-	-	J	Laboratory duplicate RPD outside QC limits
680-247418-1	SCH-SWA-3	TDS	-	-	J	Laboratory duplicate RPD outside QC limits
680-247248-1	SCH-GWA-54	Boron	0.08	-	U	Equipment blank contamination
680-247248-1	SCH-GWA-54	Molybdenum	0.015	-	U	Equipment blank contamination
680-251059-1	SCH-GWC-6	Sulfate	-	18	U	Field blank contamination
680-251059-1	SCH-GWC-3	Sulfate	1.0	-	U	Field blank contamination

Abbreviations:

RL : Reporting limit
MDC : Minimum detectable concentration
SDG : Sample delivery group
MS/MSD : Matrix Spike/Matrix Spike Duplicate
QC: Quality control
RPD: Relative Percentage Difference

Qualifiers:

J: Estimated
J+: Estimated, high biased
U: Non-detected



APPENDIX B

**Data Validation Summary
July-November 2024**

Quality Control Review of Analytical Data - Plant Scherer Cell 1, PAC Ash Cell, and Cell 3 Submitted by Eurofins Environmental Testing August 2024

This narrative presents results of the quality control (QC) data review performed on analytical data submitted by Eurofins Environmental Testing, Inc. for groundwater samples collected in Cell 1, PAC Ash Cell, and Cell 3 at Plant Scherer CCR site (Site) between August 6 and November 7, 2024. The chemical data were reviewed to identify quality issues which could affect the use of the data for decision making purposes.

Information regarding the primary sample locations, analytical parameters, QC samples, sampling dates, and laboratory sample delivery group (SDG) designations is summarized in Table 1. In accordance with groundwater monitoring and corrective action procedures discussed in Title 40 CFR, Subpart D - Standards for the Disposal of Coal Combustion Residuals in Landfills and Surface Impoundments and the Georgia Environmental Protection Division Rules for Solid Waste Management 391-3-4-.10, the groundwater samples were analyzed for detection monitoring and assessment monitoring constituents listed in 40 CFR, Part 257, Appendix III and Appendix IV, and for applicable state and federal monitoring parameters pursuant to the Site's 2010 Design & Operations (D&O) Plan. Additional analysis included cations and anions (potassium, magnesium, and sodium) and alkalinity (total, carbonate, and bicarbonate). Test methods included Inductively Coupled Plasma - Mass Spectrometry (USEPA Method 6020B), Mercury in Liquid Wastes (USEPA Method 7470A), Determination of Inorganic Anions by Ion Chromatography (USEPA Method 300.0), Total Dissolved Solids (Standard Methods 2540C), and Alkalinity by Titration through Standard Method 2320B (SM2320B).

Data were reviewed in accordance with the US EPA Region IV Data Validation Standard Operating Procedures for Contract Laboratory Program (CLP) Inorganic Data by Inductively Coupled Plasma – Atomic Emission Spectroscopy and Inductively Coupled Plasma – Mass Spectroscopy (September 2011, Rev. 2.0), US EPA Region IV Data Validation Standard Operating Procedures for CLP Mercury Data by Cold Vapor Atomic Absorption (September 2011, Rev. 2.0), the National Functional Guidelines for Inorganic Superfund Methods Data Review (November 2020), and US Department of Energy, Evaluation of Radiochemical Data Usability (April 1997). The review included an assessment of the results for completeness, precision (field and laboratory duplicates, matrix spike/matrix spike duplicates), accuracy (laboratory control samples and matrix spike samples), and sensitivity (reporting limits and blank contamination, including field and laboratory blanks). Additionally, sample procedures, holding times and chains-of-custody were reviewed. Where there was a discrepancy between the QC criteria in the guidelines and the QC criterion established in the analytic methodology, method-specific criteria or professional judgment was used.

DATA QUALITY OBJECTIVES

Laboratory Precision:	Laboratory goals for precision were met except total dissolved solids (TDS) as described in the qualification section below.
Field Precision:	Field goals for precision were met except sulfate as described in the qualification section below.
Accuracy:	Laboratory goals for accuracy were met except chloride as described in the qualification section below.
Sensitivity:	Project goals for detection limits were met except for TDS. A lesser volume of sample was used for selected samples in TDS analysis due to the nature of the sample matrix, resulting in elevated reporting limits (RLs).

Certain samples were diluted due to elevated concentrations of target analytes. Dilutions do not require qualifications based on USEPA guidelines. Detection and reporting limits of non-detect compounds are elevated proportional to the dilution when undiluted sample results are not provided by the laboratory. The data usability of diluted results was evaluated by the data user in the context of site-wide characterization. Detections were found in certain blank results, as described in the qualification sections below.

Completeness: There were no rejected analytical results for this event, resulting in a completion of 100%.

Holding Times: All holding time requirements were met in accordance with specific analytical methods.

QUALIFICATIONS

In general, chemical results for the samples collected at the Site were qualified on the basis of imprecision or inaccuracy, or on the basis of professional judgment. The following definitions provide brief explanations of the qualifiers which may have been assigned to data during the data validation process.

- J** The analyte was positively identified above the method detection limit; however, the associated numerical value is the approximate concentration of the analyte in the sample.
- J+** The analyte was reported above the method detection limit; however, the concentration reported is an estimated value that may be biased high.
- U** The analyte was not detected above the method detection limit.

The data generated as part of this sampling event met the QC criteria established in the respective analytical methods and data validation guidelines except as specified below. Although these qualifications were applied to data from samples collected at the Site and reported in SDGs 680-254290-1, 680-254310-1, 680-254374-1, 680-254374-2, 680-254379-1, 680-254386-1, 680-254387-1, 680-254469-1, 680-254471-1, 680-254479-1, 680-254479-2, 680-258384-1, and 680-258386-1, qualifications may not have been required or applied to all samples collected. A summary of sample qualifications can be found in Table 2.

- Certain TDS and sulfate results from SDG 680-254471-1 were qualified as estimated (J) when the laboratory or field duplicate relative percent difference (RPD) exceeded criteria.
- The chloride result in sample SCH-GWC-14 from SDG 680-254469-1 was qualified as estimated, high biased (J+) when the MS and/or MSD recoveries were above laboratory criteria.
- Certain arsenic, chloride, TDS, and zinc results from SDGs 680-254310-1, 680-254379-1, and 680-254471-1 were qualified as non-detect (U) when the analyte was detected at a similar level in an associated blank sample. As shown in Table 2, if the original sample results were below the reporting limit (RL), the results were qualified as non-detect (U) and the RL was reported as the result. If the original sample results were greater than the RL, the original results were reported as the new RL and were U qualified.
- Certain isotope radium-228 results in samples from SDG 680-254374-2 were qualified as non-detect (U) for blank contamination and the minimum detectable concentration (MDC) was raised to the original sample result.

- Certain total radium results from SDG 680-254374-2 were qualified as estimated, bias high (J+) when an associated radium isotope was qualified for blank contamination.

WSP reviewed the data from samples collected at Plant Scherer CCR Cell 1, PAC Ash, and Cell 3 between August 6 and November 7, 2024, in accordance with the analytical methods, the laboratory specific QC criteria, and the guidelines. As described above, 100% of the results were acceptable for project use. The data are considered usable for meeting project objectives and the results are considered valid.

REFERENCE

Paar, J.G. & Porterfield, D.R. Evaluation of Radiochemical Data Usability. United States Department of Energy, Office of Environmental Restoration and Waste Management, Oak Ridge National Laboratory, April 1997.

US EPA, November 2020, National Functional Guidelines for Inorganic Superfund Methods Data Review, Office of Superfund Remediation and Technology Innovation. OLEM 9240.0-51 [EPA 540-R-20-005]. Washington. DC, November 2020.

USEPA, September 2011, Region 4, Science and Ecosystem Support Division, Quality Assurance Section, MTSB, Data Validation Standard Operating Procedures for Contract Laboratory Program Inorganic Data By Inductively Coupled Plasma – Atomic Emission Spectroscopy and Inductively Coupled Plasma – Mass Spectroscopy, Revision 2.0.

USEPA, September 2011, Region 4, Science and Ecosystem Support Division, Quality Assurance Section, MTSB, Data Validation Standard Operating Procedures for Contract Laboratory Program Mercury Data By Cold Vapor Atomic Absorption, Revision 2.0.

TABLE 1
Sample Summary Table
SCS Plant Scherer

SDGs	Field Identification	Collection Date	Lab Identification	Matrix	QC Samples	Analyses									
						Alkalinity (SM 2320B)	Anions (EPA 300.0)	Mercury (EPA 7470A)	Total Metals (SW 6020B)	Total Dissolved Solids (SW 2540C)	COD (410.4)	Cyanide (SM 4500 CN)	TOC (SM 5310C)	Radium-226 (EPA 9315)	Radium-228 (EPA 9320)
680-254310-1	SCH-GWC-1	8/6/2024	680-254310-1	WG	-	X	X	X	X	X	-	-	-	-	-
680-254310-1	SCH-GWC-2	8/6/2024	680-254310-2	WG	-	X	X	X	X	X	-	-	-	-	-
680-254310-1	SCH-CELL1-FB-6	8/6/2024	680-254310-3	WQ	FB(SCH-GWC-2)	X	X	X	X	X	-	-	-	-	-
680-254310-1	SCH-CELL1-FD-6	8/6/2024	680-254310-4	WG	FD(SCH-GWC-19)	X	X	X	X	X	-	-	-	-	-
680-254310-1	SCH-GWC-5	8/6/2024	680-254310-5	WG	-	X	X	X	X	X	-	-	-	-	-
680-254310-1	SCH-GWC-7	8/6/2024	680-254310-6	WG	-	X	X	X	X	X	-	-	-	-	-
680-254310-1	SCH-GWC-20	8/6/2024	680-254310-7	WG	-	X	X	X	X	X	-	-	-	-	-
680-254310-1	SCH-CELL1-EB-5	8/6/2024	680-254310-8	WQ	EB (SCH-GWC-8A)	X	X	X	X	X	-	-	-	-	-
680-254310-1	SCH-GWC-9	8/6/2024	680-254310-9	WG	-	X	X	X	X	X	-	-	-	-	-
680-254310-1	SCH-CELL1-FB-5	8/6/2024	680-254310-10	WQ	FB(SCH-GWC-9)	X	X	X	X	X	-	-	-	-	-
680-254310-1	SCH-GWC-10	8/6/2024	680-254310-11	WG	-	X	X	X	X	X	-	-	-	-	-
680-254310-1	SCH-GWC-11	8/6/2024	680-254310-12	WG	-	X	X	X	X	X	-	-	-	-	-
680-254310-1	SCH-CELL1-FD-5	8/6/2024	680-254310-13	WG	FD(SCH-GWC-12)	X	X	X	X	X	-	-	-	-	-
680-254310-1	SCH-GWC-12	8/6/2024	680-254310-14	WG	-	X	X	X	X	X	-	-	-	-	-
680-254310-1	SCH-GWC-13	8/6/2024	680-254310-15	WG	-	X	X	X	X	X	-	-	-	-	-
680-254310-1	SCH-GWA-15	8/6/2024	680-254310-16	WG	-	X	X	X	X	X	-	-	-	-	-
680-254310-1	SCH-GWA-16	8/6/2024	680-254310-17	WG	-	X	X	X	X	X	-	-	-	-	-
680-254310-1	SCH-GWA-17	8/6/2024	680-254310-18	WG	-	X	X	X	X	X	-	-	-	-	-
680-254310-1	SCH-GWC-18	8/6/2024	680-254310-19	WG	-	X	X	X	X	X	-	-	-	-	-
680-254310-1	SCH-GWC-19	8/6/2024	680-254310-20	WG	-	X	X	X	X	X	-	-	-	-	-
680-254310-1	SCH-GWC-8A	8/6/2024	680-254310-21	WG	-	X	X	X	X	X	-	-	-	-	-
680-254379-1	SCH-GWC-6	8/7/2024	680-254379-1	WG	-	X	X	X	X	X	-	-	-	-	-
680-254379-1	SCH-GWC-3	8/7/2024	680-254379-2	WG	-	X	X	X	X	X	-	-	-	-	-
680-254379-1	SCH-CELL1-EB-6	8/7/2024	680-254379-3	WQ	EB (SCH-GWC-3)	X	X	X	X	X	-	-	-	-	-
680-254379-1	SCH-GWC-4	8/7/2024	680-254379-4	WG	-	X	X	X	X	X	-	-	-	-	-
680-254469-1	SCH-GWC-14	8/9/2024	680-254469-1	WG	-	X	X	X	X	X	-	-	-	-	-
680-254290-1	SCH-GWA-21	8/6/2024	680-254290-1	WG	-	X	X	X	X	X	-	-	-	-	-
680-254471-1	SCH-GWA-22	8/8/2024	680-254471-1	WG	-	X	X	X	X	X	-	-	-	-	-
680-254471-1	SCH-GWA-45	8/8/2024	680-254471-2	WG	-	X	X	X	X	X	-	-	-	-	-
680-254471-1	SCH-GWA-46	8/8/2024	680-254471-3	WG	-	X	X	X	X	X	-	-	-	-	-
680-254471-1	SCH-GWA-47	8/8/2024	680-254471-4	WG	-	X	X	X	X	X	-	-	-	-	-
680-254471-1	SCH-GWC-50	8/8/2024	680-254471-5	WG	-	X	X	X	X	X	-	-	-	-	-
680-254471-1	SCH-GWC-51	8/8/2024	680-254471-6	WG	-	X	X	X	X	X	-	-	-	-	-
680-254471-1	SCH-PAC-FD-7	8/8/2024	680-254471-7	WG	FD (SCH-GWC-51)	X	X	X	X	X	-	-	-	-	-
680-254471-1	SCH-PAC-FB-7	8/8/2024	680-254471-8	WQ	FB (SCH-GWA-22)	X	X	X	X	X	-	-	-	-	-
680-254471-1	SCH-PAC-EB-7	8/8/2024	680-254471-9	WQ	EB (SCH-GWA-47)	X	X	X	X	X	-	-	-	-	-
680-254471-1	SCH-PAC-FB-8	8/8/2024	680-254471-10	WQ	FB (SCH-GWA-45)	X	X	X	X	X	-	-	-	-	-
680-254471-1	SCH-PAC-EB-8	8/8/2024	680-254471-11	WQ	EB (SCH-GWA-46)	X	X	X	X	X	-	-	-	-	-
680-254471-1	SCH-GWA-48	8/8/2024	680-254471-12	WG	-	X	X	X	X	X	-	-	-	-	-
680-254471-1	SCH-GWC-29	8/8/2024	680-254471-13	WG	-	X	X	X	X	X	-	-	-	-	-
680-254471-1	SCH-GWC-52	8/8/2024	680-254471-14	WG	-	X	X	X	X	X	-	-	-	-	-
680-254471-1	SCH-GWC-53	8/8/2024	680-254471-15	WG	-	X	X	X	X	X	-	-	-	-	-
680-254471-1	SCH-PAC-FD-8	8/8/2024	680-254471-16	WG	FD (SCH-GWC-53)	X	X	X	X	X	-	-	-	-	-
680-254471-1	SCH-GWA-49	8/9/2024	680-254471-17	WG	-	X	X	X	X	X	-	-	-	-	-
680-254387-1	SCH-SWA-2	8/7/2024	680-254387-1	WS	-	X	X	X	X	X	X	X	X	-	-
680-254387-1	SCH-SWA-3	8/7/2024	680-254387-2	WS	-	X	X	X	X	X	X	X	X	-	-
680-254387-1	SCH-SWC-4	8/7/2024	680-254387-3	WS	-	X	X	X	X	X	-	-	-	-	-
680-254387-1	SCH-SWC-6	8/7/2024	680-254387-4	WS	-	X	X	X	X	X	-	-	-	-	-
680-254387-1	SCH-SWC-7	8/7/2024	680-254387-5	WS	-	X	X	X	X	X	X	X	X	-	-
680-254387-1	SCH-SWC-8	8/7/2024	680-254387-6	WS	-	X	X	X	X	X	-	-	-	-	-
680-254386-1	SCH-FGD-EFFLUENT	8/7/2024	680-254386-1	WL	-	-	-	X	X	X	-	-	-	-	-



TABLE 1
Sample Summary Table
SCS Plant Scherer

SDGs	Field Identification	Collection Date	Lab Identification	Matrix	QC Samples	Analyses									
						Alkalinity (SM 2320B)	Anions (EPA 300.0)	Mercury (EPA 7470A)	Total Metals (SW 6020B)	Total Dissolved Solids (SW 2540C)	COD (410.4)	Cyanide (SM 4500 CN)	TOC (SM 5310C)	Radium-226 (EPA 9315)	Radium-228 (EPA 9320)
680-254374-1	SCH-GWC-30	8/7/2024	680-254374-1	WG	-	X	X	X	X	X	-	-	-	-	-
680-254374-1	SCH-GWC-31	8/7/2024	680-254374-2	WG	-	X	X	X	X	X	-	-	-	-	-
680-254374-1	SCH-GWA-41	8/7/2024	680-254374-3	WG	-	X	X	X	X	X	-	-	-	-	-
680-254374-1	SCH-GWA-42	8/7/2024	680-254374-4	WG	-	X	X	X	X	X	-	-	-	-	-
680-254374-1	SCH-GWA-43	8/7/2024	680-254374-5	WG	-	X	X	X	X	X	-	-	-	-	-
680-254374-1	SCH-CELL3-FD-9	8/7/2024	680-254374-6	WG	FD(SCH-GWC-31)	X	X	X	X	X	-	-	-	-	-
680-254374-1	SCH-CELL3-FD-10	8/7/2024	680-254374-7	WG	FD(SCH-GWA-41)	X	X	X	X	X	-	-	-	-	-
680-254374-1	SCH-CELL3-FB-9	8/7/2024	680-254374-8	WQ	FB(SCH-GWC-31)	X	X	X	X	X	-	-	-	-	-
680-254374-1	SCH-CELL3-FB-10	8/7/2024	680-254374-9	WQ	FB(SCH-GWA-42)	X	X	X	X	X	-	-	-	-	-
680-254374-1	SCH-GWA-44A	8/7/2024	680-254374-10	WG	-	X	X	X	X	X	-	-	-	-	-
680-254374-1	SCH-GWC-32	8/7/2024	680-254374-11	WG	-	X	X	X	X	X	-	-	-	-	-
680-254479-1	SCH-GWC-33A	8/8/2024	680-254479-1	WG	-	X	X	X	X	X	-	-	-	-	-
680-254479-1	SCH-GWC-34	8/8/2024	680-254479-2	WG	-	X	X	X	X	X	-	-	-	-	-
680-254479-1	SCH-GWC-37	8/8/2024	680-254479-3	WG	-	X	X	X	X	X	-	-	-	-	-
680-254479-1	SCH-GWA-39	8/8/2024	680-254479-4	WG	-	X	X	X	X	X	-	-	-	-	-
680-254479-1	SCH-CELL3-EB-9	8/8/2024	680-254479-5	WQ	EB (SCH-GWA-33A)	X	X	X	X	X	-	-	-	-	-
680-254479-1	SCH-GWC-38	8/8/2024	680-254479-6	WG	-	X	X	X	X	X	-	-	-	-	-
680-254479-1	SCH-GWC-35	8/8/2024	680-254479-7	WG	-	X	X	X	X	X	-	-	-	-	-
680-254479-1	SCH-GWA-54	8/8/2024	680-254479-8	WG	-	X	X	X	X	X	-	-	-	-	-
680-254479-1	SCH-GWC-36	8/8/2024	680-254479-9	WG	-	X	X	X	X	X	-	-	-	-	-
680-254479-1	SCH-GWA-40	8/8/2024	680-254479-10	WG	-	X	X	X	X	X	-	-	-	-	-
680-254479-1	SCH-CELL3-EB-10	8/8/2024	680-254479-11	WQ	EB (SCH-GWA-54)	X	X	X	X	X	-	-	-	-	-
680-254374-2	SCH-GWC-30	8/7/2024	680-254374-1	WG	-	-	-	-	-	-	-	-	-	X	X
680-254374-2	SCH-GWC-31	8/7/2024	680-254374-2	WG	-	-	-	-	-	-	-	-	-	X	X
680-254374-2	SCH-GWA-41	8/7/2024	680-254374-3	WG	-	-	-	-	-	-	-	-	-	X	X
680-254374-2	SCH-GWA-42	8/7/2024	680-254374-4	WG	-	-	-	-	-	-	-	-	-	X	X
680-254374-2	SCH-GWA-43	8/7/2024	680-254374-5	WG	-	-	-	-	-	-	-	-	-	X	X
680-254374-2	SCH-CELL3-FD-9	8/7/2024	680-254374-6	WG	FD (SCH-GWC-31)	-	-	-	-	-	-	-	-	X	X
680-254374-2	SCH-CELL3-FD-10	8/7/2024	680-254374-7	WG	FD (SCH-GWA-41)	-	-	-	-	-	-	-	-	X	X
680-254374-2	SCH-CELL3-FB-9	8/7/2024	680-254374-8	WQ	FB (SCH-GWC-31)	-	-	-	-	-	-	-	-	X	X
680-254374-2	SCH-CELL3-FB-10	8/7/2024	680-254374-9	WQ	FB (SCH-GWA-42)	-	-	-	-	-	-	-	-	X	X
680-254374-2	SCH-GWA-44A	8/7/2024	680-254374-10	WG	-	-	-	-	-	-	-	-	-	X	X
680-254374-2	SCH-GWC-32	8/7/2024	680-254374-11	WG	-	-	-	-	-	-	-	-	-	X	X
680-254479-2	SCH-GWC-33A	8/8/2024	680-254479-1	WG	--	-	-	-	-	-	-	-	-	X	X
680-254479-2	SCH-GWC-34	8/8/2024	680-254479-2	WG	--	-	-	-	-	-	-	-	-	X	X
680-254479-2	SCH-GWC-37	8/8/2024	680-254479-3	WG	--	-	-	-	-	-	-	-	-	X	X
680-254479-2	SCH-GWA-39	8/8/2024	680-254479-4	WG	--	-	-	-	-	-	-	-	-	X	X
680-254479-2	SCH-CELL3-EB-9	8/8/2024	680-254479-5	WQ	EB (SCH-GWC-33A)	-	-	-	-	-	-	-	-	X	X
680-254479-2	SCH-GWC-38	8/8/2024	680-254479-6	WG	--	-	-	-	-	-	-	-	-	X	X
680-254479-2	SCH-GWC-35	8/8/2024	680-254479-7	WG	--	-	-	-	-	-	-	-	-	X	X
680-254479-2	SCH-GWA-54	8/8/2024	680-254479-8	WG	--	-	-	-	-	-	-	-	-	X	X
680-254479-2	SCH-GWC-36	8/8/2024	680-254479-9	WG	--	-	-	-	-	-	-	-	-	X	X
680-254479-2	SCH-GWA-40	8/8/2024	680-254479-10	WG	--	-	-	-	-	-	-	-	-	X	X
680-254479-2	SCH-CELL3-EB-10	8/8/2024	680-254479-11	WQ	EB (SCH-GWA-54)	-	-	-	-	-	-	-	-	X	X
680-258386-1	SCH-GWC-2	11/7/2024	680-258386-1	WG	-	-	-	-	X	-	-	-	-	-	-
680-258386-1	SCH-GWC-4	11/6/2024	680-258386-2	WG	-	-	-	-	X	-	-	-	-	-	-
680-258386-1	SCH-GWC-6	11/6/2024	680-258386-3	WG	-	-	-	-	X	-	-	-	-	-	-
680-258386-1	SCH-GWC-7	11/6/2024	680-258386-4	WG	-	-	-	-	X	-	-	-	-	-	-
680-258386-1	SCH-GWC-9	11/6/2024	680-258386-5	WG	-	-	X	-	X	-	-	-	-	-	-
680-258386-1	SCH-CELL1-EB-1	11/6/2024	680-258386-6	WQ	EB (SCH-GWC-6)	-	X	-	X	-	-	-	-	-	-

TABLE 2
Qualifier Summary Table
SCS Plant Scherer

SDG	Sample Name	Constituent	New Result	New RL or MDC	Qualifier	Reason
680-254310-1	SCH-GWC-2	TDS	-	130	U	Field blank contamination
680-254310-1	SCH-GWC-8A	TDS	-	230	U	Equipment blank contamination
680-254379-1	SCH-GWC-3	Chloride	-	2.7	U	Equipment blank contamination
680-254379-1	SCH-GWC-3	Zinc	0.005	-	U	Equipment blank contamination
680-254469-1	SCH-GWC-14	Chloride	-	-	J+	Matrix spike duplicate recovery and RPD above QC limits
680-254471-1	SCH-GWC-53	TDS	-	-	J	Laboratory duplicate RPD exceedance
680-254471-1	SCH-GWC-53	Sulfate	-	-	J	Field duplicate RPD exceedance
680-254471-1	SCH-PAC-FD-8	Sulfate	-	-	J	Field duplicate RPD exceedance
680-254471-1	SCH-GWA-22	Arsenic	0.001	-	U	Field blank contamination
680-254471-1	SCH-GWA-45	Arsenic	-	0.0011	U	Field blank contamination
680-254471-1	SCH-GWA-47	Arsenic	-	0.0011	U	Equipment blank contamination
680-254471-1	SCH-GWA-46	Arsenic	-	0.0013	U	Equipment blank contamination
680-254471-1	SCH-GWA-46	Zinc	0.005	-	U	Equipment blank contamination
680-254374-2	SCH-GWC-31	Combined 226+228	-	-	J+	Method blank contamination
680-254374-2	SCH-GWC-30	Radium-228	-	1.20	U	Method blank contamination
680-254374-2	SCH-GWC-31	Radium-228	-	0.631	U	Method blank contamination
680-254374-2	SCH-GWA-41	Radium-228	-	0.645	U	Method blank contamination
680-254374-2	SCH-CELL3-FD-9	Radium-228	-	0.663	U	Method blank contamination
680-254374-2	SCH-GWC-30	Combined 226+228	-	-	J+	Method blank contamination
680-254374-2	SCH-GWA-41	Combined 226+228	-	-	J+	Method blank contamination
680-254374-2	SCH-CELL3-FD-9	Combined 226+228	-	-	J+	Method blank contamination

Abbreviations:

RL : Reporting limit
MDC : Minimum detectable concentration
SDG : Sample delivery group
MS/MSD : Matrix Spike/Matrix Spike Duplicate
QC: Quality control
RPD: Relative Percentage Difference

Qualifiers:

J: Estimated
J+: Estimated, high biased
U: Non-detected



APPENDIX B

Laboratory Accreditation



State of Florida
 Department of Health, Bureau of Public Health Laboratories
 This is to certify that



E87052

EUROFINS SAVANNAH
 5102 LAROCHE AVENUE
 SAVANNAH, GA 31404

has complied with Florida Administrative Code 64E-1,
 for the examination of environmental samples in the following categories

DRINKING WATER - GROUP I UNREGULATED CONTAMINANTS, DRINKING WATER - GROUP II UNREGULATED CONTAMINANTS, DRINKING WATER - GROUP III UNREGULATED CONTAMINANTS, DRINKING WATER - PRIMARY INORGANIC CONTAMINANTS, DRINKING WATER - SECONDARY INORGANIC CONTAMINANTS, DRINKING WATER - SYNTHETIC ORGANIC CONTAMINANTS, NON-POTABLE WATER - EXTRACTABLE ORGANICS, NON-POTABLE WATER - GENERAL CHEMISTRY, NON-POTABLE WATER - METALS, NON-POTABLE WATER - MICROBIOLOGY, NON-POTABLE WATER - PESTICIDES-HERBICIDES-PCB'S, NON-POTABLE WATER - VOLATILE ORGANICS, SOLID AND CHEMICAL MATERIALS - EXTRACTABLE ORGANICS, SOLID AND CHEMICAL MATERIALS - GENERAL CHEMISTRY, SOLID AND CHEMICAL MATERIALS - METALS, SOLID AND CHEMICAL MATERIALS - PESTICIDES-HERBICIDES-PCB'S, SOLID AND CHEMICAL MATERIALS - VOLATILE ORGANICS

Continued certification is contingent upon successful on-going compliance with the NELAC Standards and FAC Rule 64E-1 regulations. Specific methods and analytes certified are cited on the Laboratory Scope of Accreditation for this laboratory and are on file at the Bureau of Public Health Laboratories, P. O. Box 210, Jacksonville, Florida 32231. Clients and customers are urged to verify with this agency the laboratory's certification status in Florida for particular methods and analytes.

Date Issued: July 01, 2024 Expiration Date: June 30, 2025



Marie-Claire Rowlinson, PhD, D(ABMM)
 Bureau of Public Health Laboratories
 DH Form 1697, 7/04

NON-TRANSFERABLE E87052-83-07/01/2024
 Supersedes all previously issued certificates



Laboratory Scope of Accreditation

Attachment to Certificate #: E87052-83, expiration date June 30, 2025. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: E87052 EPA Lab Code: GA00006 (912) 354-7858

E87052
Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Matrix: Drinking Water

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
5180	1,2,3-Trichloropropane	EPA 504.1	10082801	Group II Unregulated Contaminants	4/18/2011
4570	1,2-Dibromo-3-chloropropane (DBCP)	EPA 504.1	10082801	Synthetic Organic Contaminants	2/6/2002
4585	1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA 504.1	10082801	Synthetic Organic Contaminants	2/6/2002
9490	11-Chloroeicosafluoro-3-oxaundecanic Acid (11-CIPF3OUdS)	EPA 533	10091619	Group III Unregulated Contaminants	6/16/2023
9490	11-Chloroeicosafluoro-3-oxaundecanic Acid (11-CIPF3OUdS)	EPA 537.1	10091642	Group III Unregulated Contaminants	6/16/2023
6948	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2 FTS)	EPA 533	10091619	Group III Unregulated Contaminants	6/16/2023
6946	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	EPA 533	10091619	Group III Unregulated Contaminants	6/16/2023
6947	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2 FTS)	EPA 533	10091619	Group III Unregulated Contaminants	6/16/2023
6951	4,8-Dioxa-3H-perfluorononanoic Acid (ADONA)	EPA 533	10091619	Group III Unregulated Contaminants	6/16/2023
6951	4,8-Dioxa-3H-perfluorononanoic Acid (ADONA)	EPA 537.1	10091642	Group III Unregulated Contaminants	6/16/2023
6952	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic Acid (9-CIPF3ONS)	EPA 533	10091619	Group III Unregulated Contaminants	6/16/2023
6952	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic Acid (9-CIPF3ONS)	EPA 537.1	10091642	Group III Unregulated Contaminants	6/16/2023
1505	Alkalinity as CaCO3	SM 2320 B-2011	20045618	Primary Inorganic Contaminants	1/31/2024
1000	Aluminum	EPA 200.7	10013806	Secondary Inorganic Contaminants	6/17/2003
1000	Aluminum	EPA 200.8	10014605	Secondary Inorganic Contaminants	6/17/2003
1510	Amenable cyanide	SM 4500-CN ⁻ G-2016	20097238	Primary Inorganic Contaminants	1/31/2024
1005	Antimony	EPA 200.8	10014605	Primary Inorganic Contaminants	6/24/2003
1010	Arsenic	EPA 200.8	10014605	Primary Inorganic Contaminants	6/24/2003
1015	Barium	EPA 200.7	10013806	Primary Inorganic Contaminants	2/6/2002
1015	Barium	EPA 200.8	10014605	Primary Inorganic Contaminants	6/24/2003
1020	Beryllium	EPA 200.7	10013806	Primary Inorganic Contaminants	2/6/2002
1020	Beryllium	EPA 200.8	10014605	Primary Inorganic Contaminants	6/24/2003
1025	Boron	EPA 200.7	10013806	Secondary Inorganic Contaminants	12/2/2010
1535	Bromate	EPA 300.1	10275602	Primary Inorganic Contaminants	9/5/2002
1540	Bromide	EPA 300.1	10275602	Primary Inorganic Contaminants	10/17/2003
9312	Bromoacetic acid	EPA 552.2	10095804	Group I Unregulated Contaminants	9/5/2002
1030	Cadmium	EPA 200.7	10013806	Primary Inorganic Contaminants	2/6/2002
1030	Cadmium	EPA 200.8	10014605	Primary Inorganic Contaminants	6/24/2003
1035	Calcium	EPA 200.7	10013806	Primary Inorganic Contaminants	2/6/2002
1570	Chlorate	EPA 300.1	10275602	Secondary Inorganic Contaminants	7/30/2007
1575	Chloride	EPA 300.0	10053200	Secondary Inorganic Contaminants	2/6/2002
1575	Chloride	EPA 325.2	10057202	Secondary Inorganic Contaminants	2/6/2002



Laboratory Scope of Accreditation

Attachment to Certificate #: E87052-83, expiration date June 30, 2025. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: E87052 EPA Lab Code: GA00006 (912) 354-7858

E87052
Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Matrix: Drinking Water

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
1575	Chloride	SM 4500-Cl ⁻ E-2011	20086811	Secondary Inorganic Contaminants	1/31/2024
1595	Chlorite	EPA 300.1	10275602	Primary Inorganic Contaminants	12/2/2005
9336	Chloroacetic acid	EPA 552.2	10095804	Group I Unregulated Contaminants	9/5/2002
1040	Chromium	EPA 200.7	10013806	Primary Inorganic Contaminants	2/6/2002
1040	Chromium	EPA 200.8	10014605	Primary Inorganic Contaminants	6/24/2003
1605	Color	EPA 110.2	10005604	Secondary Inorganic Contaminants	2/6/2002
1605	Color	SM 2120 B-2011	20039310	Secondary Inorganic Contaminants	1/31/2024
1610	Conductivity	SM 2510 B-2011	20048617	Primary Inorganic Contaminants	1/31/2024
1055	Copper	EPA 200.7	10013806	Primary Inorganic Contaminants,Secondary Inorganic Contaminants	2/6/2002
1055	Copper	EPA 200.8	10014605	Primary Inorganic Contaminants,Secondary Inorganic Contaminants	6/24/2003
1620	Corrosivity (langlier index)	SM 2330 B	20003207	Secondary Inorganic Contaminants	2/6/2002
1635	Cyanide	EPA 335.4	10061402	Primary Inorganic Contaminants	2/6/2002
9357	Dibromoacetic acid	EPA 552.2	10095804	Group I Unregulated Contaminants	9/5/2002
9360	Dichloroacetic acid	EPA 552.2	10095804	Group I Unregulated Contaminants	9/5/2002
1710	Dissolved organic carbon (DOC)	SM 5310 B-2014	20137831	Primary Inorganic Contaminants	1/31/2024
1730	Fluoride	EPA 300.0	10053200	Primary Inorganic Contaminants,Secondary Inorganic Contaminants	2/6/2002
1750	Hardness	EPA 130.2	10007202	Secondary Inorganic Contaminants	11/18/2008
1750	Hardness	SM 2340 B-2011	20046611	Secondary Inorganic Contaminants	1/31/2024
1750	Hardness	SM 2340 C	20047603	Secondary Inorganic Contaminants	11/18/2008
9460	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA, GenX)	EPA 533	10091619	Group III Unregulated Contaminants	6/16/2023
9460	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA, GenX)	EPA 537.1	10091642	Group III Unregulated Contaminants	6/16/2023
1070	Iron	EPA 200.7	10013806	Secondary Inorganic Contaminants	2/6/2002
1075	Lead	EPA 200.8	10014605	Primary Inorganic Contaminants	6/24/2003
1085	Magnesium	EPA 200.7	10013806	Secondary Inorganic Contaminants	2/6/2002
1090	Manganese	EPA 200.7	10013806	Secondary Inorganic Contaminants	2/6/2002
1090	Manganese	EPA 200.8	10014605	Secondary Inorganic Contaminants	6/24/2003
1095	Mercury	EPA 200.8	10014605	Primary Inorganic Contaminants	6/24/2003
1095	Mercury	EPA 245.1	10036609	Primary Inorganic Contaminants	6/24/2003
1100	Molybdenum	EPA 200.7	10013806	Secondary Inorganic Contaminants	12/2/2005
1100	Molybdenum	EPA 200.8	10014605	Secondary Inorganic Contaminants	6/23/2010
4846	N-Ethylperfluorooctane sulfonamido acetic acid (NETFOSAA)	EPA 537.1	10091642	Group III Unregulated Contaminants	6/16/2023



Laboratory Scope of Accreditation

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State Laboratory ID: E87052 EPA Lab Code: GA00006 (912) 354-7858

E87052
Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Matrix: Drinking Water

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
1105	Nickel	EPA 200.7	10013806	Primary Inorganic Contaminants	2/6/2002
1105	Nickel	EPA 200.8	10014605	Primary Inorganic Contaminants	6/24/2003
1805	Nitrate	EPA 353.2	10067604	Primary Inorganic Contaminants	2/6/2002
1835	Nitrite	EPA 300.0	10053200	Primary Inorganic Contaminants	2/6/2002
4847	N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	EPA 537.1	10091642	Group III Unregulated Contaminants	6/16/2023
6956	Nonafluoro-3,6-dioxahexanoic Acid (NFDHA)	EPA 533	10091619	Group III Unregulated Contaminants	6/16/2023
1870	Orthophosphate as P	EPA 365.1	10070005	Primary Inorganic Contaminants	12/2/2005
1870	Orthophosphate as P	SM 4500-P F-2011	20125024	Primary Inorganic Contaminants	1/31/2024
6957	Perfluoro(2-ethoxyethane) Sulfonic Acid (PFEEESA)	EPA 533	10091619	Group III Unregulated Contaminants	6/16/2023
6965	Perfluoro-3-methoxypropanoic Acid (PFMPA)	EPA 533	10091619	Group III Unregulated Contaminants	6/16/2023
6966	Perfluoro-4-methoxybutanoic Acid (PFMBA)	EPA 533	10091619	Group III Unregulated Contaminants	6/16/2023
6911	Perfluorobutane Sulfonate (PFBS)	EPA 533	10091619	Group III Unregulated Contaminants	6/16/2023
6911	Perfluorobutane Sulfonate (PFBS)	EPA 537.1	10091642	Group III Unregulated Contaminants	6/16/2023
6919	Perfluorobutanoate (PFBA)	EPA 533	10091619	Group III Unregulated Contaminants	6/16/2023
6921	Perfluorodecanoate (PFDA)	EPA 533	10091619	Group III Unregulated Contaminants	6/16/2023
6921	Perfluorodecanoate (PFDA)	EPA 537.1	10091642	Group III Unregulated Contaminants	6/16/2023
6903	Perfluorododecanoic Acid (PFDoA)	EPA 533	10091619	Group III Unregulated Contaminants	6/16/2023
6903	Perfluorododecanoic Acid (PFDoA)	EPA 537.1	10091642	Group III Unregulated Contaminants	6/16/2023
6925	Perfluoroheptane Sulfonate (PFHpS)	EPA 533	10091619	Group III Unregulated Contaminants	6/16/2023
6926	Perfluoroheptanoate (PFHpA)	EPA 533	10091619	Group III Unregulated Contaminants	6/16/2023
6926	Perfluoroheptanoate (PFHpA)	EPA 537.1	10091642	Group III Unregulated Contaminants	6/16/2023
6927	Perfluorohexane Sulfonic Acid (PFHxS)	EPA 533	10091619	Group III Unregulated Contaminants	6/16/2023
6927	Perfluorohexane Sulfonic Acid (PFHxS)	EPA 537.1	10091642	Group III Unregulated Contaminants	6/16/2023
6928	Perfluorohexanoate (PFHxA)	EPA 533	10091619	Group III Unregulated Contaminants	6/16/2023
6928	Perfluorohexanoate (PFHxA)	EPA 537.1	10091642	Group III Unregulated Contaminants	6/16/2023
6930	Perfluorononanoate (PFNA)	EPA 533	10091619	Group III Unregulated Contaminants	6/16/2023
6930	Perfluorononanoate (PFNA)	EPA 537.1	10091642	Group III Unregulated Contaminants	6/16/2023
6931	Perfluorooctane sulfonic acid (PFOS)	EPA 533	10091619	Group III Unregulated Contaminants	6/16/2023
6931	Perfluorooctane sulfonic acid (PFOS)	EPA 537.1	10091642	Group III Unregulated Contaminants	6/16/2023
6932	Perfluoro-octanoate (PFOA)	EPA 533	10091619	Group III Unregulated Contaminants	6/16/2023
6932	Perfluoro-octanoate (PFOA)	EPA 537.1	10091642	Group III Unregulated Contaminants	6/16/2023
6934	Perfluoropentane Sulfonic Acid (PFPeS)	EPA 533	10091619	Group III Unregulated Contaminants	6/16/2023
6935	Perfluoropentanoate (PFPeA)	EPA 533	10091619	Group III Unregulated Contaminants	6/16/2023
6902	Perfluorotetradecanoic acid (PFTDA)	EPA 537.1	10091642	Group III Unregulated Contaminants	6/16/2023
9563	Perfluorotridecanoic acid (PFTrDA)	EPA 537.1	10091642	Group III Unregulated Contaminants	6/16/2023

Clients and Customers are urged to verify the laboratory's current certification status with the Environmental Laboratory Certification Program. Certification Type NELAP Issue Date: 7/1/2024 Expiration Date: 6/30/2025



Laboratory Scope of Accreditation

Attachment to Certificate #: E87052-83, expiration date June 30, 2025. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: E87052 EPA Lab Code: GA00006 (912) 354-7858

E87052
Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Matrix: Drinking Water

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
6944	Perfluoroundecanoate (PFUnDA)	EPA 533	10091619	Group III Unregulated Contaminants	6/16/2023
6904	Perfluoroundecanoic acid (PFUnDA)	EPA 537.1	10091642	Group III Unregulated Contaminants	6/16/2023
1900	pH	EPA 150.1	10008409	Secondary Inorganic Contaminants, Primary Inorganic Contaminants	2/6/2002
1900	pH	SM 4500-H+ B-2011	20105220	Secondary Inorganic Contaminants	1/31/2024
1125	Potassium	EPA 200.7	10013806	Secondary Inorganic Contaminants	3/25/2003
1955	Residue-filterable (TDS)	EPA 160.1	10009208	Secondary Inorganic Contaminants	2/6/2002
1955	Residue-filterable (TDS)	SM 2540 C-2011	20050413	Secondary Inorganic Contaminants	1/31/2024
1140	Selenium	EPA 200.8	10014605	Primary Inorganic Contaminants	6/24/2003
1990	Silica as SiO2	EPA 200.7	10013806	Primary Inorganic Contaminants	10/5/2020
1150	Silver	EPA 200.7	10013806	Secondary Inorganic Contaminants	2/6/2002
1150	Silver	EPA 200.8	10014605	Secondary Inorganic Contaminants	6/24/2003
1155	Sodium	EPA 200.7	10013806	Primary Inorganic Contaminants	2/6/2002
2000	Sulfate	EPA 300.0	10053200	Primary Inorganic Contaminants, Secondary Inorganic Contaminants	2/6/2002
2000	Sulfate	EPA 375.4	10073800	Secondary Inorganic Contaminants	2/6/2002
1165	Thallium	EPA 200.8	10014605	Primary Inorganic Contaminants	6/24/2003
1645	Total cyanide	SM 4500-CN ⁻ E-2016	20096439	Primary Inorganic Contaminants	1/31/2024
9414	Total haloacetic acids (HAA5)	EPA 552.2	10095804	Synthetic Organic Contaminants	12/2/2005
1825	Total nitrate-nitrite	EPA 300.0	10053200	Primary Inorganic Contaminants	2/6/2002
1825	Total nitrate-nitrite	EPA 353.2	10067604	Primary Inorganic Contaminants	2/6/2002
2040	Total organic carbon	SM 5310 B-2014	20137831	Primary Inorganic Contaminants	1/31/2024
9642	Trichloroacetic acid	EPA 552.2	10095804	Group I Unregulated Contaminants	9/5/2002
2055	Turbidity	EPA 180.1	10011800	Secondary Inorganic Contaminants	2/6/2002
2055	Turbidity	SM 2130 B-2011	20048220	Secondary Inorganic Contaminants	1/31/2024
2060	UV 254	SM 5910 B	20146401	Primary Inorganic Contaminants	12/2/2005
1185	Vanadium	EPA 200.7	10013806	Secondary Inorganic Contaminants	12/2/2005
1185	Vanadium	EPA 200.8	10014605	Secondary Inorganic Contaminants	3/19/2012
1190	Zinc	EPA 200.7	10013806	Secondary Inorganic Contaminants	12/2/2010
1190	Zinc	EPA 200.8	10014605	Secondary Inorganic Contaminants	6/24/2003



Laboratory Scope of Accreditation

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State Laboratory ID: E87052 EPA Lab Code: GA00006 (912) 354-7858

E87052
Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Matrix: Non-Potable Water

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
5105	1,1,1,2-Tetrachloroethane	EPA 8260D	10307127	Volatile Organics	1/5/2024
5160	1,1,1-Trichloroethane	EPA 624.1	10298121	Volatile Organics	4/4/2018
5160	1,1,1-Trichloroethane	EPA 8260D	10307127	Volatile Organics	1/5/2024
5110	1,1,2,2-Tetrachloroethane	EPA 624.1	10298121	Volatile Organics	4/4/2018
5110	1,1,2,2-Tetrachloroethane	EPA 8260D	10307127	Volatile Organics	1/5/2024
5185	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	EPA 8260D	10307127	Volatile Organics	1/5/2024
5165	1,1,2-Trichloroethane	EPA 624.1	10298121	Volatile Organics	4/4/2018
5165	1,1,2-Trichloroethane	EPA 8260D	10307127	Volatile Organics	1/5/2024
4630	1,1-Dichloroethane	EPA 624.1	10298121	Volatile Organics	4/4/2018
4630	1,1-Dichloroethane	EPA 8260D	10307127	Volatile Organics	1/5/2024
4640	1,1-Dichloroethylene	EPA 624.1	10298121	Volatile Organics	4/4/2018
4640	1,1-Dichloroethylene	EPA 8260D	10307127	Volatile Organics	1/5/2024
4670	1,1-Dichloropropene	EPA 8260D	10307127	Volatile Organics	1/5/2024
5150	1,2,3-Trichlorobenzene	EPA 8260D	10307127	Volatile Organics	1/5/2024
5180	1,2,3-Trichloropropane	EPA 8260D	10307127	Volatile Organics	1/5/2024
5182	1,2,3-Trimethylbenzene	EPA 8260D	10307127	Volatile Organics	1/5/2024
6715	1,2,4,5-Tetrachlorobenzene	EPA 8270	10185203	Extractable Organics	7/1/2003
6715	1,2,4,5-Tetrachlorobenzene	EPA 8270E	10242543	Extractable Organics	1/5/2024
5155	1,2,4-Trichlorobenzene	EPA 625.1	10300024	Extractable Organics	4/4/2018
5155	1,2,4-Trichlorobenzene	EPA 8260D	10307127	Volatile Organics	1/5/2024
5155	1,2,4-Trichlorobenzene	EPA 8270	10185203	Extractable Organics	7/1/2003
5155	1,2,4-Trichlorobenzene	EPA 8270E	10242543	Extractable Organics	1/5/2024
5210	1,2,4-Trimethylbenzene	EPA 8260D	10307127	Volatile Organics	1/5/2024
4570	1,2-Dibromo-3-chloropropane (DBCP)	EPA 8011	10173009	Volatile Organics	7/1/2003
4570	1,2-Dibromo-3-chloropropane (DBCP)	EPA 8260D	10307127	Volatile Organics	1/5/2024
4585	1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA 8011	10173009	Volatile Organics	7/1/2003
4585	1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA 8260D	10307127	Volatile Organics	1/5/2024
4610	1,2-Dichlorobenzene	EPA 624.1	10298121	Volatile Organics	4/4/2018
4610	1,2-Dichlorobenzene	EPA 8260D	10307127	Volatile Organics	1/5/2024
4610	1,2-Dichlorobenzene	EPA 8270	10185203	Extractable Organics	7/1/2003
4610	1,2-Dichlorobenzene	EPA 8270E	10242543	Extractable Organics	1/5/2024
4635	1,2-Dichloroethane	EPA 624.1	10298121	Volatile Organics	4/4/2018
4635	1,2-Dichloroethane	EPA 8260D	10307127	Volatile Organics	1/5/2024
4655	1,2-Dichloropropane	EPA 624.1	10298121	Volatile Organics	4/4/2018
4655	1,2-Dichloropropane	EPA 8260D	10307127	Volatile Organics	1/5/2024



Laboratory Scope of Accreditation

Attachment to Certificate #: E87052-83, expiration date June 30, 2025. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: E87052 EPA Lab Code: GA00006 (912) 354-7858

E87052
Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Matrix: Non-Potable Water

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
6220	1,2-Diphenylhydrazine	EPA 8270	10185203	Extractable Organics	7/1/2003
6220	1,2-Diphenylhydrazine	EPA 8270E	10242543	Extractable Organics	1/5/2024
6411	1,2-Diphenylhydrazine (as Azobenzene)	EPA 625.1	10300024	Extractable Organics	12/4/2020
6800	1,3,5-Trichlorobenzene	EPA 8260D	10307127	Volatile Organics	1/5/2024
5215	1,3,5-Trimethylbenzene	EPA 8260D	10307127	Volatile Organics	1/5/2024
6885	1,3,5-Trinitrobenzene (1,3,5-TNB)	EPA 8270	10185203	Extractable Organics	7/1/2003
6885	1,3,5-Trinitrobenzene (1,3,5-TNB)	EPA 8270E	10242543	Extractable Organics	1/5/2024
4615	1,3-Dichlorobenzene	EPA 624.1	10298121	Volatile Organics	4/4/2018
4615	1,3-Dichlorobenzene	EPA 8260D	10307127	Volatile Organics	1/5/2024
4615	1,3-Dichlorobenzene	EPA 8270	10185203	Extractable Organics	7/1/2003
4615	1,3-Dichlorobenzene	EPA 8270E	10242543	Extractable Organics	1/5/2024
4660	1,3-Dichloropropane	EPA 8260D	10307127	Volatile Organics	1/5/2024
6160	1,3-Dinitrobenzene (1,3-DNB)	EPA 8270	10185203	Extractable Organics	7/1/2003
6160	1,3-Dinitrobenzene (1,3-DNB)	EPA 8270E	10242543	Extractable Organics	1/5/2024
4620	1,4-Dichlorobenzene	EPA 624.1	10298121	Volatile Organics	4/4/2018
4620	1,4-Dichlorobenzene	EPA 8260D	10307127	Volatile Organics	1/5/2024
4620	1,4-Dichlorobenzene	EPA 8270	10185203	Extractable Organics	7/1/2003
4620	1,4-Dichlorobenzene	EPA 8270E	10242543	Extractable Organics	1/5/2024
4735	1,4-Dioxane (1,4-Diethyleneoxide)	EPA 624.1	10298121	Volatile Organics	9/15/2022
4735	1,4-Dioxane (1,4-Diethyleneoxide)	EPA 8260D	10307127	Volatile Organics	1/5/2024
4735	1,4-Dioxane (1,4-Diethyleneoxide)	EPA 8270	10185203	Volatile Organics	7/1/2003
4735	1,4-Dioxane (1,4-Diethyleneoxide)	EPA 8270E	10242543	Extractable Organics	1/5/2024
6420	1,4-Naphthoquinone	EPA 8270	10185203	Extractable Organics	7/1/2003
6420	1,4-Naphthoquinone	EPA 8270E	10242543	Extractable Organics	1/5/2024
6630	1,4-Phenylenediamine	EPA 8270	10185203	Extractable Organics	7/1/2003
6630	1,4-Phenylenediamine	EPA 8270E	10242543	Extractable Organics	1/5/2024
9490	11-Chloroeicosafuoro-3-oxaundecane-1-sulfonic Acid (11-CIPF30UdS)	EPA 1633	10123463	Extractable Organics	1/31/2024
4510	1-Chlorohexane	EPA 8260D	10307127	Volatile Organics	1/5/2024
6948	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2 FTS)	EPA 1633	10123463	Extractable Organics	1/31/2024
6946	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	EPA 1633	10123463	Extractable Organics	1/31/2024
6947	1H,1H,2H,2H-Perfluoro-octanesulfonic Acid (6:2 FTS)	EPA 1633	10123463	Extractable Organics	1/31/2024
6380	1-Methylnaphthalene	EPA 8270	10185203	Extractable Organics	7/30/2007
6380	1-Methylnaphthalene	EPA 8270E	10242543	Extractable Organics	1/5/2024
6425	1-Naphthylamine	EPA 8270	10185203	Extractable Organics	7/1/2003



Laboratory Scope of Accreditation

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State Laboratory ID: E87052 EPA Lab Code: GA00006 (912) 354-7858

E87052
Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Matrix: Non-Potable Water

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
6425	1-Naphthylamine	EPA 8270E	10242543	Extractable Organics	1/5/2024
4665	2,2-Dichloropropane	EPA 8260D	10307127	Volatile Organics	1/5/2024
4659	2,2'-Oxybis(1-chloropropane),bis(2-Chloro-1-methylethyl)ether (fka bis(2-Chloroisopropyl) ether)	EPA 625.1	10300024	Extractable Organics	4/4/2018
4659	2,2'-Oxybis(1-chloropropane),bis(2-Chloro-1-methylethyl)ether (fka bis(2-Chloroisopropyl) ether)	EPA 8270	10185203	Extractable Organics	7/1/2003
4659	2,2'-Oxybis(1-chloropropane),bis(2-Chloro-1-methylethyl)ether (fka bis(2-Chloroisopropyl) ether)	EPA 8270E	10242543	Extractable Organics	1/5/2024
6735	2,3,4,6-Tetrachlorophenol	EPA 8270	10185203	Extractable Organics	7/1/2003
6735	2,3,4,6-Tetrachlorophenol	EPA 8270E	10242543	Extractable Organics	1/5/2024
8920	2,3-Dichlorobiphenyl (BZ 5)	EPA 625.1	10300024	Pesticides-Herbicides-PCB's	12/4/2020
8655	2,4,5-T	EPA 615	10105609	Pesticides-Herbicides-PCB's	2/6/2002
8655	2,4,5-T	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	1/5/2024
9253	2,4,5-Trichlorobiphenyl (BZ 29)	EPA 625.1	10300024	Pesticides-Herbicides-PCB's	12/4/2020
6835	2,4,5-Trichlorophenol	EPA 8270	10185203	Extractable Organics	7/1/2003
6835	2,4,5-Trichlorophenol	EPA 8270E	10242543	Extractable Organics	1/5/2024
6840	2,4,6-Trichlorophenol	EPA 625.1	10300024	Extractable Organics	4/4/2018
6840	2,4,6-Trichlorophenol	EPA 8270	10185203	Extractable Organics	7/1/2003
6840	2,4,6-Trichlorophenol	EPA 8270E	10242543	Extractable Organics	1/5/2024
8545	2,4-D	EPA 615	10105609	Pesticides-Herbicides-PCB's	2/6/2002
8545	2,4-D	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	1/5/2024
8560	2,4-DB	EPA 615	10105609	Pesticides-Herbicides-PCB's	2/6/2002
8560	2,4-DB	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	1/5/2024
6000	2,4-Dichlorophenol	EPA 625.1	10300024	Extractable Organics	4/4/2018
6000	2,4-Dichlorophenol	EPA 8270	10185203	Extractable Organics	7/1/2003
6000	2,4-Dichlorophenol	EPA 8270E	10242543	Extractable Organics	1/5/2024
6130	2,4-Dimethylphenol	EPA 625.1	10300024	Extractable Organics	4/4/2018
6130	2,4-Dimethylphenol	EPA 8270	10185203	Extractable Organics	7/1/2003
6130	2,4-Dimethylphenol	EPA 8270E	10242543	Extractable Organics	1/5/2024
6175	2,4-Dinitrophenol	EPA 625.1	10300024	Extractable Organics	4/4/2018
6175	2,4-Dinitrophenol	EPA 8270	10185203	Extractable Organics	7/1/2003
6175	2,4-Dinitrophenol	EPA 8270E	10242543	Extractable Organics	1/5/2024
6185	2,4-Dinitrotoluene (2,4-DNT)	EPA 625.1	10300024	Extractable Organics	4/4/2018
6185	2,4-Dinitrotoluene (2,4-DNT)	EPA 8270	10185203	Extractable Organics	7/1/2003
6185	2,4-Dinitrotoluene (2,4-DNT)	EPA 8270E	10242543	Extractable Organics	1/5/2024
6005	2,6-Dichlorophenol	EPA 8270	10185203	Extractable Organics	7/1/2003

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Laboratory Scope of Accreditation

Attachment to Certificate #: E87052-83, expiration date June 30, 2025. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: E87052 EPA Lab Code: GA00006 (912) 354-7858

E87052
Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Matrix: Non-Potable Water

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
6190	2,6-Dinitrotoluene (2,6-DNT)	EPA 625.1	10300024	Extractable Organics	4/4/2018
6190	2,6-Dinitrotoluene (2,6-DNT)	EPA 8270	10185203	Extractable Organics	7/1/2003
6190	2,6-Dinitrotoluene (2,6-DNT)	EPA 8270E	10242543	Extractable Organics	1/5/2024
5515	2-Acetylaminofluorene	EPA 8270	10185203	Extractable Organics	7/1/2003
5515	2-Acetylaminofluorene	EPA 8270E	10242543	Extractable Organics	1/5/2024
4410	2-Butanone (Methyl ethyl ketone, MEK)	EPA 8260D	10307127	Volatile Organics	1/5/2024
4500	2-Chloroethyl vinyl ether	EPA 624.1	10298121	Volatile Organics	4/4/2018
4500	2-Chloroethyl vinyl ether	EPA 8260D	10307127	Volatile Organics	1/5/2024
5795	2-Chloronaphthalene	EPA 625.1	10300024	Extractable Organics	4/4/2018
5795	2-Chloronaphthalene	EPA 8270	10185203	Extractable Organics	7/1/2003
5795	2-Chloronaphthalene	EPA 8270E	10242543	Extractable Organics	1/5/2024
5800	2-Chlorophenol	EPA 625.1	10300024	Extractable Organics	4/4/2018
5800	2-Chlorophenol	EPA 8270	10185203	Extractable Organics	7/1/2003
5800	2-Chlorophenol	EPA 8270E	10242543	Extractable Organics	1/5/2024
4535	2-Chlorotoluene	EPA 8260D	10307127	Volatile Organics	1/5/2024
5866	2-Ethoxyethanol (Ethyl Cellusolve)	EPA 8270E	10242543	Extractable Organics	1/5/2024
9340	2H,2H,3H,3H-Perfluorodecanoic Acid (7:3 FTCA)	EPA 1633	10123463	Extractable Organics	1/31/2024
9338	2H,2H,3H,3H-Perfluorooctanoic Acid (5:3 FTCA)	EPA 1633	10123463	Extractable Organics	1/31/2024
4860	2-Hexanone	EPA 8260D	10307127	Volatile Organics	1/5/2024
6360	2-Methyl-4,6-dinitrophenol	EPA 625.1	10300024	Extractable Organics	4/4/2018
6360	2-Methyl-4,6-dinitrophenol	EPA 8270	10185203	Extractable Organics	7/1/2003
6360	2-Methyl-4,6-dinitrophenol	EPA 8270E	10242543	Extractable Organics	1/5/2024
6385	2-Methylnaphthalene	EPA 8260D	10307127	Volatile Organics	1/5/2024
6385	2-Methylnaphthalene	EPA 8270	10185203	Extractable Organics	7/1/2003
6385	2-Methylnaphthalene	EPA 8270E	10242543	Extractable Organics	1/5/2024
6400	2-Methylphenol (o-Cresol)	EPA 8270	10185203	Extractable Organics	7/1/2003
6400	2-Methylphenol (o-Cresol)	EPA 8270E	10242543	Extractable Organics	1/5/2024
6430	2-Naphthylamine	EPA 8270	10185203	Extractable Organics	7/30/2007
6430	2-Naphthylamine	EPA 8270E	10242543	Extractable Organics	1/5/2024
6460	2-Nitroaniline	EPA 8270	10185203	Extractable Organics	7/1/2003
6460	2-Nitroaniline	EPA 8270E	10242543	Extractable Organics	1/5/2024
6490	2-Nitrophenol	EPA 625.1	10300024	Extractable Organics	4/4/2018
6490	2-Nitrophenol	EPA 8270	10185203	Extractable Organics	7/1/2003
6490	2-Nitrophenol	EPA 8270E	10242543	Extractable Organics	1/5/2024
5020	2-Nitropropane	EPA 8260D	10307127	Volatile Organics	1/5/2024



Laboratory Scope of Accreditation

Attachment to Certificate #: E87052-83, expiration date June 30, 2025. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: E87052 EPA Lab Code: GA00006 (912) 354-7858

E87052
Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Matrix: Non-Potable Water

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
5045	2-Pentanone	EPA 8015C	10173816	Volatile Organics	1/5/2024
5050	2-Picoline (2-Methylpyridine)	EPA 8270	10185203	Extractable Organics	7/1/2003
5050	2-Picoline (2-Methylpyridine)	EPA 8270E	10242543	Extractable Organics	1/5/2024
5945	3,3'-Dichlorobenzidine	EPA 625.1	10300024	Extractable Organics	4/4/2018
5945	3,3'-Dichlorobenzidine	EPA 8270	10185203	Extractable Organics	7/1/2003
5945	3,3'-Dichlorobenzidine	EPA 8270E	10242543	Extractable Organics	1/5/2024
6103	3,3-Dimethyl-1-butanol	EPA 8260D	10307127	Volatile Organics	1/5/2024
6120	3,3'-Dimethylbenzidine	EPA 8270	10185203	Extractable Organics	7/1/2003
6120	3,3'-Dimethylbenzidine	EPA 8270E	10242543	Extractable Organics	1/5/2024
8600	3,5-Dichlorobenzoic acid	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	1/5/2024
6412	3/4-Methylphenols (m/p-Cresols)	EPA 8270	10185203	Extractable Organics	11/18/2008
6412	3/4-Methylphenols (m/p-Cresols)	EPA 8270E	10242543	Extractable Organics	1/5/2024
6355	3-Methylcholanthrene	EPA 8270	10185203	Extractable Organics	7/30/2007
6355	3-Methylcholanthrene	EPA 8270E	10242543	Extractable Organics	1/5/2024
6465	3-Nitroaniline	EPA 8270	10185203	Extractable Organics	7/1/2003
6465	3-Nitroaniline	EPA 8270E	10242543	Extractable Organics	1/5/2024
9353	4,4,5,5,6,6,6-Heptafluorohexanoic Acid (3:3 FTCA)	EPA 1633	10123463	Extractable Organics	1/31/2024
7355	4,4'-DDD	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	4/4/2018
7355	4,4'-DDD	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
7360	4,4'-DDE	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	4/4/2018
7360	4,4'-DDE	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
7365	4,4'-DDT	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	4/4/2018
7365	4,4'-DDT	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
6951	4,8-Dioxa-3H-perfluorononanoic Acid (ADONA)	EPA 1633	10123463	Extractable Organics	1/31/2024
5540	4-Aminobiphenyl	EPA 8270	10185203	Extractable Organics	7/1/2003
5540	4-Aminobiphenyl	EPA 8270E	10242543	Extractable Organics	1/5/2024
5660	4-Bromophenyl phenyl ether	EPA 625.1	10300024	Extractable Organics	4/4/2018
5660	4-Bromophenyl phenyl ether	EPA 8270	10185203	Extractable Organics	7/1/2003
5700	4-Chloro-3-methylphenol	EPA 625.1	10300024	Extractable Organics	4/4/2018
5700	4-Chloro-3-methylphenol	EPA 8270	10185203	Extractable Organics	7/1/2003
5700	4-Chloro-3-methylphenol	EPA 8270E	10242543	Extractable Organics	1/5/2024
5745	4-Chloroaniline	EPA 8270	10185203	Extractable Organics	7/1/2003
5745	4-Chloroaniline	EPA 8270E	10242543	Extractable Organics	1/5/2024
5825	4-Chlorophenyl phenylether	EPA 625.1	10300024	Extractable Organics	4/4/2018
5825	4-Chlorophenyl phenylether	EPA 8270	10185203	Extractable Organics	7/1/2003



Laboratory Scope of Accreditation

Attachment to Certificate #: E87052-83, expiration date June 30, 2025. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: E87052 EPA Lab Code: GA00006 (912) 354-7858

E87052
Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Matrix: Non-Potable Water

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
5825	4-Chlorophenyl phenylether	EPA 8270E	10242543	Extractable Organics	1/5/2024
4540	4-Chlorotoluene	EPA 8260D	10307127	Volatile Organics	1/5/2024
6105	4-Dimethyl aminoazobenzene	EPA 8270	10185203	Extractable Organics	7/1/2003
6105	4-Dimethyl aminoazobenzene	EPA 8270E	10242543	Extractable Organics	1/5/2024
4995	4-Methyl-2-pentanone (MIBK)	EPA 8260D	10307127	Volatile Organics	1/5/2024
6470	4-Nitroaniline	EPA 8270	10185203	Extractable Organics	7/1/2003
6470	4-Nitroaniline	EPA 8270E	10242543	Extractable Organics	1/5/2024
6500	4-Nitrophenol	EPA 625.1	10300024	Extractable Organics	4/4/2018
6500	4-Nitrophenol	EPA 8270	10185203	Extractable Organics	7/1/2003
6500	4-Nitrophenol	EPA 8270E	10242543	Extractable Organics	1/5/2024
6510	4-Nitroquinoline 1-oxide	EPA 8270	10185203	Extractable Organics	7/1/2003
6510	4-Nitroquinoline 1-oxide	EPA 8270E	10242543	Extractable Organics	1/5/2024
6570	5-Nitro-o-toluidine	EPA 8270	10185203	Extractable Organics	7/1/2003
6570	5-Nitro-o-toluidine	EPA 8270E	10242543	Extractable Organics	1/5/2024
6115	7,12-Dimethylbenz(a) anthracene	EPA 8270	10185203	Extractable Organics	7/1/2003
6115	7,12-Dimethylbenz(a) anthracene	EPA 8270E	10242543	Extractable Organics	1/5/2024
6952	9-Chlorohexadecafluoro-3-oxanonane-1-sulfo nic Acid (9-CIPF3ONS)	EPA 1633	10123463	Extractable Organics	1/31/2024
6125	a,a-Dimethylphenethylamine	EPA 8270	10185203	Extractable Organics	7/1/2003
6125	a,a-Dimethylphenethylamine	EPA 8270E	10242543	Extractable Organics	1/5/2024
5500	Acenaphthene	EPA 625.1	10300024	Extractable Organics	4/4/2018
5500	Acenaphthene	EPA 8270	10185203	Extractable Organics	7/1/2003
5500	Acenaphthene	EPA 8270E	10242543	Extractable Organics	1/5/2024
5505	Acenaphthylene	EPA 625.1	10300024	Extractable Organics	4/4/2018
5505	Acenaphthylene	EPA 8270	10185203	Extractable Organics	7/1/2003
5505	Acenaphthylene	EPA 8270E	10242543	Extractable Organics	1/5/2024
4315	Acetone	EPA 8260D	10307127	Volatile Organics	1/5/2024
4320	Acetonitrile	EPA 8260D	10307127	Volatile Organics	1/5/2024
5510	Acetophenone	EPA 8270	10185203	Extractable Organics	7/1/2003
5510	Acetophenone	EPA 8270E	10242543	Extractable Organics	1/5/2024
8505	Acifluorfen	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	1/5/2024
4325	Acrolein (Propenal)	EPA 624.1	10298121	Volatile Organics	4/4/2018
4325	Acrolein (Propenal)	EPA 8260D	10307127	Volatile Organics	1/5/2024
4330	Acrylamide	EPA 8316	10188202	Volatile Organics	9/20/2017
4335	Acrylic acid	SOP SA-LC-074	60048159	Volatile Organics	9/20/2017
4340	Acrylonitrile	EPA 624.1	10298121	Volatile Organics	4/4/2018
4340	Acrylonitrile	EPA 8260D	10307127	Volatile Organics	1/5/2024

Clients and Customers are urged to verify the laboratory's current certification status with the Environmental Laboratory Certification Program. Certification Type NELAP
Issue Date: 7/1/2024 Expiration Date: 6/30/2025



Laboratory Scope of Accreditation

Attachment to Certificate #: E87052-83, expiration date June 30, 2025. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: E87052 EPA Lab Code: GA00006 (912) 354-7858

E87052
Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Matrix: Non-Potable Water

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
4345	Adsorbable organic halogens (AOX)	EPA 1650	10125005	General Chemistry	2/6/2002
7025	Aldrin	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	4/4/2018
7025	Aldrin	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
1505	Alkalinity as CaCO3	EPA 310.1	10054805	General Chemistry	2/6/2002
1505	Alkalinity as CaCO3	SM 2320 B-2011	20045618	General Chemistry	1/31/2024
4350	Allyl alcohol	EPA 8015C	10173816	Volatile Organics	1/5/2024
4355	Allyl chloride (3-Chloropropene)	EPA 8260D	10307127	Volatile Organics	1/5/2024
7110	alpha-BHC (alpha-Hexachlorocyclohexane)	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	4/4/2018
7110	alpha-BHC (alpha-Hexachlorocyclohexane)	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
7240	alpha-Chlordane	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
1000	Aluminum	EPA 200.7	10013806	Metals	2/6/2002
1000	Aluminum	EPA 200.8	10014605	Metals	10/17/2003
1000	Aluminum	EPA 6010D	10155950	Metals	1/5/2024
1000	Aluminum	EPA 6020B	10156420	Metals	1/5/2024
1510	Amenable cyanide	EPA 335.1	10060001	General Chemistry	2/6/2002
1510	Amenable cyanide	EPA 9012B	10243228	General Chemistry	1/5/2024
1510	Amenable cyanide	SM 4500-CN ⁻ G-2016	20097238	General Chemistry	1/31/2024
1515	Ammonia as N	EPA 350.1	10063602	General Chemistry	2/6/2002
5545	Aniline	EPA 8270	10185203	Extractable Organics	7/1/2003
5545	Aniline	EPA 8270E	10242543	Extractable Organics	1/5/2024
5555	Anthracene	EPA 625.1	10300024	Extractable Organics	4/4/2018
5555	Anthracene	EPA 8270	10185203	Extractable Organics	7/1/2003
5555	Anthracene	EPA 8270E	10242543	Extractable Organics	1/5/2024
1005	Antimony	EPA 200.7	10013806	Metals	2/6/2002
1005	Antimony	EPA 200.8	10014605	Metals	10/17/2003
1005	Antimony	EPA 6010D	10155950	Metals	1/5/2024
1005	Antimony	EPA 6020B	10156420	Metals	1/5/2024
5560	Aramite	EPA 8270	10185203	Extractable Organics	7/1/2003
5560	Aramite	EPA 8270E	10242543	Extractable Organics	1/5/2024
8880	Aroclor-1016 (PCB-1016)	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	4/4/2018
8880	Aroclor-1016 (PCB-1016)	EPA 8082A	10179358	Pesticides-Herbicides-PCB's	1/5/2024
8885	Aroclor-1221 (PCB-1221)	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	4/4/2018
8885	Aroclor-1221 (PCB-1221)	EPA 8082A	10179358	Pesticides-Herbicides-PCB's	1/5/2024
8890	Aroclor-1232 (PCB-1232)	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	4/4/2018
8890	Aroclor-1232 (PCB-1232)	EPA 8082A	10179358	Pesticides-Herbicides-PCB's	1/5/2024
8895	Aroclor-1242 (PCB-1242)	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	4/4/2018



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State Laboratory ID: E87052 EPA Lab Code: GA00006 (912) 354-7858

E87052
Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Matrix: Non-Potable Water

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
8895	Aroclor-1242 (PCB-1242)	EPA 8082A	10179358	Pesticides-Herbicides-PCB's	1/5/2024
8900	Aroclor-1248 (PCB-1248)	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	4/4/2018
8900	Aroclor-1248 (PCB-1248)	EPA 8082A	10179358	Pesticides-Herbicides-PCB's	1/5/2024
8905	Aroclor-1254 (PCB-1254)	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	4/4/2018
8905	Aroclor-1254 (PCB-1254)	EPA 8082A	10179358	Pesticides-Herbicides-PCB's	1/5/2024
8910	Aroclor-1260 (PCB-1260)	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	4/4/2018
8910	Aroclor-1260 (PCB-1260)	EPA 8082A	10179358	Pesticides-Herbicides-PCB's	1/5/2024
8912	Aroclor-1262 (PCB-1262)	EPA 8082A	10179358	Pesticides-Herbicides-PCB's	1/5/2024
8913	Aroclor-1268 (PCB-1268)	EPA 8082A	10179358	Pesticides-Herbicides-PCB's	1/5/2024
1010	Arsenic	EPA 200.7	10013806	Metals	2/6/2002
1010	Arsenic	EPA 200.8	10014605	Metals	10/17/2003
1010	Arsenic	EPA 6010D	10155950	Metals	1/5/2024
1010	Arsenic	EPA 6020B	10156420	Metals	1/5/2024
7065	Atrazine	EPA 8270	10185203	Pesticides-Herbicides-PCB's	12/4/2020
7065	Atrazine	EPA 8270E	10242543	Pesticides-Herbicides-PCB's	1/5/2024
1015	Barium	EPA 200.7	10013806	Metals	2/6/2002
1015	Barium	EPA 200.8	10014605	Metals	10/17/2003
1015	Barium	EPA 6010D	10155950	Metals	1/5/2024
1015	Barium	EPA 6020B	10156420	Metals	1/5/2024
8530	Bentazon	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	1/5/2024
5570	Benzaldehyde	EPA 8270	10185203	Extractable Organics	12/4/2020
5570	Benzaldehyde	EPA 8270E	10242543	Extractable Organics	1/5/2024
4375	Benzene	EPA 624.1	10298121	Volatile Organics	4/4/2018
4375	Benzene	EPA 8260D	10307127	Volatile Organics	1/5/2024
5595	Benzidine	EPA 625.1	10300024	Extractable Organics	4/4/2018
5595	Benzidine	EPA 8270	10185203	Extractable Organics	7/1/2003
5595	Benzidine	EPA 8270E	10242543	Extractable Organics	1/5/2024
5575	Benzo(a)anthracene	EPA 625.1	10300024	Extractable Organics	4/4/2018
5575	Benzo(a)anthracene	EPA 8270	10185203	Extractable Organics	7/1/2003
5575	Benzo(a)anthracene	EPA 8270E	10242543	Extractable Organics	1/5/2024
5580	Benzo(a)pyrene	EPA 625.1	10300024	Extractable Organics	4/4/2018
5580	Benzo(a)pyrene	EPA 8270	10185203	Extractable Organics	7/1/2003
5580	Benzo(a)pyrene	EPA 8270E	10242543	Extractable Organics	1/5/2024
5585	Benzo(b)fluoranthene	EPA 625.1	10300024	Extractable Organics	4/4/2018
5585	Benzo(b)fluoranthene	EPA 8270	10185203	Extractable Organics	7/1/2003
5585	Benzo(b)fluoranthene	EPA 8270E	10242543	Extractable Organics	1/5/2024



Laboratory Scope of Accreditation

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State Laboratory ID: E87052 EPA Lab Code: GA00006 (912) 354-7858

E87052
Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Matrix: Non-Potable Water

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
5605	Benzo(e)pyrene	EPA 8270E	10242543	Extractable Organics	1/5/2024
5590	Benzo(g,h,i)perylene	EPA 625.1	10300024	Extractable Organics	4/4/2018
5590	Benzo(g,h,i)perylene	EPA 8270	10185203	Extractable Organics	7/1/2003
5590	Benzo(g,h,i)perylene	EPA 8270E	10242543	Extractable Organics	1/5/2024
5600	Benzo(k)fluoranthene	EPA 625.1	10300024	Extractable Organics	4/4/2018
5600	Benzo(k)fluoranthene	EPA 8270	10185203	Extractable Organics	7/1/2003
5600	Benzo(k)fluoranthene	EPA 8270E	10242543	Extractable Organics	1/5/2024
5610	Benzoic acid	EPA 8270	10185203	Extractable Organics	7/1/2003
5610	Benzoic acid	EPA 8270E	10242543	Extractable Organics	1/5/2024
5630	Benzyl alcohol	EPA 8270	10185203	Extractable Organics	7/1/2003
5630	Benzyl alcohol	EPA 8270E	10242543	Extractable Organics	1/5/2024
5635	Benzyl chloride	EPA 8260D	10307127	Volatile Organics	1/5/2024
1020	Beryllium	EPA 200.7	10013806	Metals	2/6/2002
1020	Beryllium	EPA 200.8	10014605	Metals	10/17/2003
1020	Beryllium	EPA 6010D	10155950	Metals	1/5/2024
1020	Beryllium	EPA 6020B	10156420	Metals	1/5/2024
7115	beta-BHC (beta-Hexachlorocyclohexane)	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	4/4/2018
7115	beta-BHC (beta-Hexachlorocyclohexane)	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
1530	Biochemical oxygen demand	EPA 405.1	10075602	General Chemistry	2/6/2002
1530	Biochemical oxygen demand	SM 5210 B-2016	20135039	General Chemistry	1/31/2024
6703	Biphenyl (1,1-Biphenyl, BZ 0)	EPA 8270	10185203	Extractable Organics	12/4/2020
6703	Biphenyl (1,1-Biphenyl, BZ 0)	EPA 8270E	10242543	Extractable Organics	1/5/2024
5760	bis(2-Chloroethoxy)methane	EPA 625.1	10300024	Extractable Organics	4/4/2018
5760	bis(2-Chloroethoxy)methane	EPA 8270	10185203	Extractable Organics	7/1/2003
5760	bis(2-Chloroethoxy)methane	EPA 8270E	10242543	Extractable Organics	1/5/2024
5765	bis(2-Chloroethyl) ether	EPA 625.1	10300024	Extractable Organics	4/4/2018
5765	bis(2-Chloroethyl) ether	EPA 8270	10185203	Extractable Organics	7/1/2003
5765	bis(2-Chloroethyl) ether	EPA 8270E	10242543	Extractable Organics	1/5/2024
1025	Boron	EPA 200.7	10013806	Metals	2/6/2002
1025	Boron	EPA 200.8	10014605	Metals	1/10/2023
1025	Boron	EPA 6010D	10155950	Metals	1/5/2024
1025	Boron	EPA 6020B	10156420	Metals	1/5/2024
1535	Bromate	EPA 300.0	10053200	General Chemistry	3/22/2013
1535	Bromate	EPA 300.1	10275602	General Chemistry	7/30/2007
1540	Bromide	EPA 300.0	10053200	General Chemistry	2/6/2002
1540	Bromide	EPA 300.1	10275602	General Chemistry	7/30/2007



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E87052
Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Matrix: Non-Potable Water

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
1540	Bromide	EPA 9056A	10199607	General Chemistry	1/5/2024
4385	Bromobenzene	EPA 8260D	10307127	Volatile Organics	1/5/2024
4390	Bromochloromethane	EPA 8260D	10307127	Volatile Organics	1/5/2024
4395	Bromodichloromethane	EPA 624.1	10298121	Volatile Organics	4/4/2018
4395	Bromodichloromethane	EPA 8260D	10307127	Volatile Organics	1/5/2024
4400	Bromoform	EPA 624.1	10298121	Volatile Organics	4/4/2018
4400	Bromoform	EPA 8260D	10307127	Volatile Organics	1/5/2024
5670	Butyl benzyl phthalate	EPA 625.1	10300024	Extractable Organics	4/4/2018
5670	Butyl benzyl phthalate	EPA 8270	10185203	Extractable Organics	7/1/2003
5670	Butyl benzyl phthalate	EPA 8270E	10242543	Extractable Organics	1/5/2024
1030	Cadmium	EPA 200.7	10013806	Metals	2/6/2002
1030	Cadmium	EPA 200.8	10014605	Metals	10/17/2003
1030	Cadmium	EPA 6010D	10155950	Metals	1/5/2024
1030	Cadmium	EPA 6020B	10156420	Metals	1/5/2024
1035	Calcium	EPA 200.7	10013806	Metals	2/6/2002
1035	Calcium	EPA 6010D	10155950	Metals	1/5/2024
1035	Calcium	EPA 6020B	10156420	Metals	1/5/2024
7180	Caprolactam	EPA 8270	10185203	Extractable Organics	12/4/2020
7180	Caprolactam	EPA 8270E	10242543	Extractable Organics	1/5/2024
5680	Carbazole	EPA 8270	10185203	Extractable Organics	7/1/2003
5680	Carbazole	EPA 8270E	10242543	Extractable Organics	1/5/2024
4450	Carbon disulfide	EPA 8260D	10307127	Volatile Organics	1/5/2024
4455	Carbon tetrachloride	EPA 624.1	10298121	Volatile Organics	4/4/2018
4455	Carbon tetrachloride	EPA 8260D	10307127	Volatile Organics	1/5/2024
1555	Carbonaceous BOD (CBOD)	SM 5210 B-2016	20135039	General Chemistry	1/31/2024
1565	Chemical oxygen demand	EPA 410.4	10077404	General Chemistry	2/6/2002
1565	Chemical oxygen demand	SM 5220-D-2011	20136816	General Chemistry	1/31/2024
8540	Chloramben	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	1/5/2024
1570	Chlorate	EPA 300.1	10275602	General Chemistry	7/30/2007
7250	Chlordane (tech.)	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	4/4/2018
7250	Chlordane (tech.)	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
1575	Chloride	EPA 300.0	10053200	General Chemistry	2/6/2002
1575	Chloride	EPA 325.2	10057202	General Chemistry	2/6/2002
1575	Chloride	EPA 9056A	10199607	General Chemistry	1/5/2024
1575	Chloride	EPA 9251	10207406	General Chemistry	7/1/2003
1575	Chloride	SM 4500-Cl ⁻ E-2011	20086811	General Chemistry	1/31/2024



Laboratory Scope of Accreditation

Attachment to Certificate #: E87052-83, expiration date June 30, 2025. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: E87052 EPA Lab Code: GA00006 (912) 354-7858

E87052
Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Matrix: Non-Potable Water

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
1595	Chlorite	EPA 300.1	10275602	General Chemistry	7/30/2007
4475	Chlorobenzene	EPA 624.1	10298121	Volatile Organics	4/4/2018
4475	Chlorobenzene	EPA 8260D	10307127	Volatile Organics	1/5/2024
7260	Chlorobenzilate	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
4485	Chloroethane	EPA 624.1	10298121	Volatile Organics	4/4/2018
4485	Chloroethane	EPA 8260D	10307127	Volatile Organics	1/5/2024
4505	Chloroform	EPA 624.1	10298121	Volatile Organics	4/4/2018
4505	Chloroform	EPA 8260D	10307127	Volatile Organics	1/5/2024
4525	Chloroprene	EPA 8260D	10307127	Volatile Organics	1/5/2024
1040	Chromium	EPA 200.7	10013806	Metals	2/6/2002
1040	Chromium	EPA 200.8	10014605	Metals	10/17/2003
1040	Chromium	EPA 6010D	10155950	Metals	1/5/2024
1040	Chromium	EPA 6020B	10156420	Metals	1/5/2024
1045	Chromium VI	EPA 7196A	10162400	Metals	1/5/2024
1045	Chromium VI	SM 3500-Cr B-2011	20066266	General Chemistry	1/31/2024
1045	Chromium VI	SM 3500-Cr D (18th/19th Ed.)/UV-VIS	20009001	General Chemistry	2/6/2002
5855	Chrysene	EPA 625.1	10300024	Extractable Organics	4/4/2018
5855	Chrysene	EPA 8270	10185203	Extractable Organics	7/1/2003
5855	Chrysene	EPA 8270E	10242543	Extractable Organics	1/5/2024
4645	cis-1,2-Dichloroethylene	EPA 8260D	10307127	Volatile Organics	1/5/2024
4680	cis-1,3-Dichloropropene	EPA 624.1	10298121	Volatile Organics	4/4/2018
4680	cis-1,3-Dichloropropene	EPA 8260D	10307127	Volatile Organics	1/5/2024
1050	Cobalt	EPA 200.7	10013806	Metals	2/6/2002
1050	Cobalt	EPA 200.8	10014605	Metals	10/17/2003
1050	Cobalt	EPA 6010D	10155950	Metals	1/5/2024
1050	Cobalt	EPA 6020B	10156420	Metals	1/5/2024
1605	Color	EPA 110.2	10005604	General Chemistry	2/6/2002
1605	Color	SM 2120 B-2011	20039310	General Chemistry	1/31/2024
1610	Conductivity	EPA 120.1	10006403	General Chemistry	2/6/2002
1610	Conductivity	EPA 9050A	10198808	General Chemistry	1/5/2024
1610	Conductivity	SM 2510 B-2011	20048617	General Chemistry	1/31/2024
1055	Copper	EPA 200.7	10013806	Metals	2/6/2002
1055	Copper	EPA 200.8	10014605	Metals	10/17/2003
1055	Copper	EPA 6010D	10155950	Metals	1/5/2024
1055	Copper	EPA 6020B	10156420	Metals	1/5/2024
1620	Corrosivity (langlier index)	SM 2330 B	20003207	General Chemistry	2/6/2002



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State Laboratory ID: E87052 EPA Lab Code: GA00006 (912) 354-7858

E87052
Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Matrix: Non-Potable Water

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
1635	Cyanide	EPA 335.4	10061402	General Chemistry	2/6/2002
4555	Cyclohexane	EPA 8260D	10307127	Volatile Organics	1/5/2024
8550	Dacthal (DCPA)	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	1/5/2024
8555	Dalapon	EPA 615	10105609	Pesticides-Herbicides-PCB's	2/6/2002
8555	Dalapon	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	1/5/2024
7105	delta-BHC	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	4/4/2018
7105	delta-BHC	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
6065	Di(2-ethylhexyl) phthalate (DEHP)	EPA 625.1	10300024	Extractable Organics	4/4/2018
6065	Di(2-ethylhexyl) phthalate (DEHP)	EPA 8270	10185203	Extractable Organics	7/1/2003
6065	Di(2-ethylhexyl) phthalate (DEHP)	EPA 8270E	10242543	Extractable Organics	1/5/2024
7405	Diallate	EPA 8270	10185203	Pesticides-Herbicides-PCB's	7/1/2003
7405	Diallate	EPA 8270E	10242543	Pesticides-Herbicides-PCB's	1/5/2024
5895	Dibenz(a,h)anthracene	EPA 625.1	10300024	Extractable Organics	4/4/2018
5895	Dibenz(a,h)anthracene	EPA 8270	10185203	Extractable Organics	7/1/2003
5895	Dibenz(a,h)anthracene	EPA 8270E	10242543	Extractable Organics	1/5/2024
5905	Dibenzofuran	EPA 8270	10185203	Extractable Organics	7/1/2003
5905	Dibenzofuran	EPA 8270E	10242543	Extractable Organics	1/5/2024
4575	Dibromochloromethane	EPA 624.1	10298121	Volatile Organics	4/4/2018
4575	Dibromochloromethane	EPA 8260D	10307127	Volatile Organics	1/5/2024
8595	Dicamba	EPA 615	10105609	Pesticides-Herbicides-PCB's	2/6/2002
8595	Dicamba	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	1/5/2024
4625	Dichlorodifluoromethane	EPA 624.1	10298121	Volatile Organics	12/4/2020
8605	Dichloroprop (Dichlorprop)	EPA 615	10105609	Pesticides-Herbicides-PCB's	2/6/2002
8605	Dichloroprop (Dichlorprop)	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	1/5/2024
7470	Dieldrin	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	4/4/2018
7470	Dieldrin	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
9369	Diesel range organics (DRO)	EPA 8015C	10173816	Extractable Organics	1/5/2024
4725	Diethyl ether	EPA 8260D	10307127	Volatile Organics	1/5/2024
6070	Diethyl phthalate	EPA 625.1	10300024	Extractable Organics	4/4/2018
6070	Diethyl phthalate	EPA 8270	10185203	Extractable Organics	7/1/2003
6070	Diethyl phthalate	EPA 8270E	10242543	Extractable Organics	1/5/2024
9375	Di-isopropylether (DIPE)	EPA 8260D	10307127	Volatile Organics	1/5/2024
7475	Dimethoate	EPA 8270	10185203	Pesticides-Herbicides-PCB's	7/1/2003
7475	Dimethoate	EPA 8270E	10242543	Pesticides-Herbicides-PCB's	1/5/2024
8332	Dimethomorph	EPA 8270E	10242543	Extractable Organics	1/5/2024
6135	Dimethyl phthalate	EPA 625.1	10300024	Extractable Organics	4/4/2018



Laboratory Scope of Accreditation

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State Laboratory ID: E87052 EPA Lab Code: GA00006 (912) 354-7858

E87052
Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Matrix: Non-Potable Water

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
6135	Dimethyl phthalate	EPA 8270	10185203	Extractable Organics	7/1/2003
5925	Di-n-butyl phthalate	EPA 625.1	10300024	Extractable Organics	4/4/2018
5925	Di-n-butyl phthalate	EPA 8270	10185203	Extractable Organics	7/1/2003
5925	Di-n-butyl phthalate	EPA 8270E	10242543	Extractable Organics	1/5/2024
6200	Di-n-octyl phthalate	EPA 625.1	10300024	Extractable Organics	4/4/2018
6200	Di-n-octyl phthalate	EPA 8270	10185203	Extractable Organics	7/1/2003
6200	Di-n-octyl phthalate	EPA 8270E	10242543	Extractable Organics	1/5/2024
8620	Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)	EPA 615	10105609	Pesticides-Herbicides-PCB's	2/6/2002
8620	Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	1/5/2024
8620	Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)	EPA 8270	10185203	Pesticides-Herbicides-PCB's	7/1/2003
8620	Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)	EPA 8270E	10242543	Pesticides-Herbicides-PCB's	1/5/2024
8625	Disulfoton	EPA 8270	10185203	Pesticides-Herbicides-PCB's	7/1/2003
8625	Disulfoton	EPA 8270E	10242543	Pesticides-Herbicides-PCB's	1/5/2024
7510	Endosulfan I	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	4/4/2018
7510	Endosulfan I	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
7515	Endosulfan II	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	4/4/2018
7515	Endosulfan II	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
7520	Endosulfan sulfate	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	4/4/2018
7520	Endosulfan sulfate	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
7540	Endrin	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	4/4/2018
7540	Endrin	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
7530	Endrin aldehyde	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	4/4/2018
7530	Endrin aldehyde	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
7535	Endrin ketone	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
2520	Enterococci	SM 9230 D-2013	20219696	Microbiology	1/10/2023
2525	Escherichia coli	SM 9223 B (Colilert Quanti-Tray)-2016	20211647	Microbiology	1/31/2024
2525	Escherichia coli	SM 9223 B /QUANTI-TRAY	20211603	Microbiology	1/10/2023
4747	Ethane	RSK-175	10212905	Volatile Organics	12/2/2005
4750	Ethanol	EPA 8015C	10173816	Volatile Organics	1/5/2024
4750	Ethanol	EPA 8260D	10307127	Volatile Organics	1/5/2024
4755	Ethyl acetate	EPA 1666A	10128208	Volatile Organics	7/30/2007
4755	Ethyl acetate	EPA 8015C	10173816	Volatile Organics	1/5/2024
4755	Ethyl acetate	EPA 8260D	10307127	Volatile Organics	1/5/2024
4760	Ethyl acrylate	EPA 8260D	10307127	Volatile Organics	1/5/2024

Clients and Customers are urged to verify the laboratory's current certification status with the Environmental Laboratory Certification Program. Certification Type NELAP
Issue Date: 7/1/2024 Expiration Date: 6/30/2025



Laboratory Scope of Accreditation

Attachment to Certificate #: E87052-83, expiration date June 30, 2025. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: E87052 EPA Lab Code: GA00006 (912) 354-7858

E87052
Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Matrix: Non-Potable Water

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
4810	Ethyl methacrylate	EPA 8260D	10307127	Volatile Organics	1/5/2024
6260	Ethyl methanesulfonate	EPA 8270	10185203	Extractable Organics	7/1/2003
6260	Ethyl methanesulfonate	EPA 8270E	10242543	Extractable Organics	1/5/2024
4765	Ethylbenzene	EPA 624.1	10298121	Volatile Organics	4/4/2018
4765	Ethylbenzene	EPA 8260D	10307127	Volatile Organics	1/5/2024
4752	Ethylene	RSK-175	10212905	Volatile Organics	12/2/2005
4785	Ethylene glycol	EPA 8015C	10173816	Volatile Organics	1/5/2024
4770	Ethyl-t-butylether (ETBE)	EPA 8260D	10307127	Volatile Organics	1/5/2024
7580	Famphur	EPA 8270	10185203	Pesticides-Herbicides-PCB's	7/1/2003
7580	Famphur	EPA 8270E	10242543	Pesticides-Herbicides-PCB's	1/5/2024
2530	Fecal coliforms	COLILERT®-18 (Fecal Coliforms)	60002688	Microbiology	1/10/2023
6265	Fluoranthene	EPA 625.1	10300024	Extractable Organics	4/4/2018
6265	Fluoranthene	EPA 8270	10185203	Extractable Organics	7/1/2003
6265	Fluoranthene	EPA 8270E	10242543	Extractable Organics	1/5/2024
6270	Fluorene	EPA 625.1	10300024	Extractable Organics	4/4/2018
6270	Fluorene	EPA 8270	10185203	Extractable Organics	7/1/2003
6270	Fluorene	EPA 8270E	10242543	Extractable Organics	1/5/2024
1730	Fluoride	EPA 300.0	10053200	General Chemistry	2/6/2002
1730	Fluoride	EPA 9056A	10199607	General Chemistry	1/5/2024
7120	gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	4/4/2018
7120	gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
7245	gamma-Chlordane	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
9408	Gasoline range organics (GRO)	EPA 8015C	10173816	Volatile Organics	1/5/2024
1750	Hardness	EPA 130.2	10007202	General Chemistry	11/18/2008
1750	Hardness	SM 2340 B-2011	20046611	General Chemistry	1/31/2024
1750	Hardness	SM 2340 C-2011	20047614	General Chemistry	1/31/2024
1760	Hardness (calc.)	EPA 200.7	10013806	Metals	7/30/2007
7685	Heptachlor	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	4/4/2018
7685	Heptachlor	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
7690	Heptachlor epoxide	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	4/4/2018
7690	Heptachlor epoxide	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
6275	Hexachlorobenzene	EPA 625.1	10300024	Extractable Organics	4/4/2018
6275	Hexachlorobenzene	EPA 8270	10185203	Pesticides-Herbicides-PCB's	7/1/2003
6275	Hexachlorobenzene	EPA 8270E	10242543	Pesticides-Herbicides-PCB's	1/5/2024
4835	Hexachlorobutadiene	EPA 625.1	10300024	Extractable Organics	4/4/2018



Laboratory Scope of Accreditation

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State Laboratory ID: E87052 EPA Lab Code: GA00006 (912) 354-7858

E87052
Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Matrix: Non-Potable Water

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
4835	Hexachlorobutadiene	EPA 8260D	10307127	Volatile Organics	1/5/2024
4835	Hexachlorobutadiene	EPA 8270	10185203	Extractable Organics	7/1/2003
4835	Hexachlorobutadiene	EPA 8270E	10242543	Extractable Organics	1/5/2024
6285	Hexachlorocyclopentadiene	EPA 625.1	10300024	Extractable Organics	4/4/2018
6285	Hexachlorocyclopentadiene	EPA 8270	10185203	Extractable Organics	7/1/2003
6285	Hexachlorocyclopentadiene	EPA 8270E	10242543	Extractable Organics	1/5/2024
4840	Hexachloroethane	EPA 625.1	10300024	Extractable Organics	4/4/2018
4840	Hexachloroethane	EPA 8270	10185203	Extractable Organics	7/1/2003
4840	Hexachloroethane	EPA 8270E	10242543	Extractable Organics	1/5/2024
6290	Hexachlorophene	EPA 8270	10185203	Extractable Organics	7/1/2003
6290	Hexachlorophene	EPA 8270E	10242543	Extractable Organics	1/5/2024
6295	Hexachloropropene	EPA 8270	10185203	Extractable Organics	7/1/2003
6295	Hexachloropropene	EPA 8270E	10242543	Extractable Organics	1/5/2024
9460	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA, GenX)	EPA 1633	10123463	Extractable Organics	1/31/2024
1780	Ignitability	EPA 1010	10116606	General Chemistry	9/15/2022
6315	Indeno(1,2,3-cd)pyrene	EPA 625.1	10300024	Extractable Organics	4/4/2018
6315	Indeno(1,2,3-cd)pyrene	EPA 8270	10185203	Extractable Organics	7/1/2003
6315	Indeno(1,2,3-cd)pyrene	EPA 8270E	10242543	Extractable Organics	1/5/2024
4870	Iodomethane (Methyl iodide)	EPA 8260D	10307127	Volatile Organics	1/5/2024
1070	Iron	EPA 200.7	10013806	Metals	2/6/2002
1070	Iron	EPA 6010D	10155950	Metals	1/5/2024
1070	Iron	EPA 6020B	10156420	Metals	1/5/2024
4875	Isobutyl alcohol (2-Methyl-1-propanol)	EPA 8015C	10173816	Volatile Organics	1/5/2024
4875	Isobutyl alcohol (2-Methyl-1-propanol)	EPA 8260D	10307127	Volatile Organics	1/5/2024
7725	Isodrin	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
6320	Isophorone	EPA 625.1	10300024	Extractable Organics	4/4/2018
6320	Isophorone	EPA 8270	10185203	Extractable Organics	7/1/2003
6320	Isophorone	EPA 8270E	10242543	Extractable Organics	1/5/2024
4890	Isopropyl acetate	EPA 1666A	10128208	Volatile Organics	7/30/2007
4895	Isopropyl alcohol (2-Propanol)	EPA 8015C	10173816	Volatile Organics	1/5/2024
4900	Isopropylbenzene	EPA 8260D	10307127	Volatile Organics	1/5/2024
6325	Isosafrole	EPA 8270	10185203	Extractable Organics	7/1/2003
6325	Isosafrole	EPA 8270E	10242543	Extractable Organics	1/5/2024
7740	Kepone	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
1795	Kjeldahl nitrogen - total	EPA 351.2	10065404	General Chemistry	2/6/2002
1075	Lead	EPA 200.7	10013806	Metals	2/6/2002



Laboratory Scope of Accreditation

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State Laboratory ID: E87052

EPA Lab Code: GA00006

(912) 354-7858

E87052
Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Matrix: Non-Potable Water

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
1075	Lead	EPA 200.8	10014605	Metals	10/17/2003
1075	Lead	EPA 6010D	10155950	Metals	1/5/2024
1075	Lead	EPA 6020B	10156420	Metals	1/5/2024
1080	Lithium	EPA 200.7	10013806	Metals	9/15/2022
1080	Lithium	EPA 200.8	10014605	Metals	1/10/2023
1080	Lithium	EPA 6010D	10155950	Metals	1/5/2024
1080	Lithium	EPA 6020B	10156420	Metals	1/5/2024
5240	m+p-Xylenes	EPA 8260D	10307127	Volatile Organics	1/5/2024
1085	Magnesium	EPA 200.7	10013806	Metals	2/6/2002
1085	Magnesium	EPA 6010D	10155950	Metals	1/5/2024
1085	Magnesium	EPA 6020B	10156420	Metals	1/5/2024
1090	Manganese	EPA 200.7	10013806	Metals	2/6/2002
1090	Manganese	EPA 200.8	10014605	Metals	10/17/2003
1090	Manganese	EPA 6010D	10155950	Metals	1/5/2024
1090	Manganese	EPA 6020B	10156420	Metals	1/5/2024
7775	MCPA	EPA 615	10105609	Pesticides-Herbicides-PCB's	2/6/2002
7775	MCPA	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	1/5/2024
7780	MCPP	EPA 615	10105609	Pesticides-Herbicides-PCB's	2/6/2002
7780	MCPP	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	1/5/2024
1095	Mercury	EPA 200.8	10014605	Metals	10/17/2003
1095	Mercury	EPA 245.1	10036609	Metals	2/6/2002
1095	Mercury	EPA 6020B	10156420	Metals	1/5/2024
1095	Mercury	EPA 7470	10165603	Metals	7/1/2003
4925	Methacrylonitrile	EPA 8260D	10307127	Volatile Organics	1/5/2024
4926	Methane	RSK-175	10212905	Volatile Organics	12/2/2005
4930	Methanol	EPA 8015C	10173816	Volatile Organics	1/5/2024
6345	Methapyrilene	EPA 8270	10185203	Extractable Organics	7/1/2003
6345	Methapyrilene	EPA 8270E	10242543	Extractable Organics	1/5/2024
7810	Methoxychlor	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	12/4/2020
7810	Methoxychlor	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
4940	Methyl acetate	EPA 8260D	10307127	Volatile Organics	1/5/2024
4950	Methyl bromide (Bromomethane)	EPA 624.1	10298121	Volatile Organics	4/4/2018
4950	Methyl bromide (Bromomethane)	EPA 8260D	10307127	Volatile Organics	1/5/2024
4960	Methyl chloride (Chloromethane)	EPA 624.1	10298121	Volatile Organics	4/4/2018
4960	Methyl chloride (Chloromethane)	EPA 8260D	10307127	Volatile Organics	1/5/2024
4990	Methyl methacrylate	EPA 8260D	10307127	Volatile Organics	1/5/2024



Laboratory Scope of Accreditation

Attachment to Certificate #: E87052-83, expiration date June 30, 2025. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: E87052 EPA Lab Code: GA00006 (912) 354-7858

E87052
Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Matrix: Non-Potable Water

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
6375	Methyl methanesulfonate	EPA 8270	10185203	Extractable Organics	7/1/2003
6375	Methyl methanesulfonate	EPA 8270E	10242543	Extractable Organics	1/5/2024
7825	Methyl parathion (Parathion, methyl)	EPA 8270	10185203	Pesticides-Herbicides-PCB's	7/1/2003
7825	Methyl parathion (Parathion, methyl)	EPA 8270E	10242543	Pesticides-Herbicides-PCB's	1/5/2024
5000	Methyl tert-butyl ether (MTBE)	EPA 8260D	10307127	Volatile Organics	1/5/2024
4965	Methylcyclohexane	EPA 8260D	10307127	Volatile Organics	1/5/2024
4975	Methylene chloride	EPA 624.1	10298121	Volatile Organics	4/4/2018
4975	Methylene chloride	EPA 8260D	10307127	Volatile Organics	1/5/2024
7870	Mirex	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
1100	Molybdenum	EPA 200.7	10013806	Metals	2/6/2002
1100	Molybdenum	EPA 200.8	10014605	Metals	10/17/2003
1100	Molybdenum	EPA 6010D	10155950	Metals	1/5/2024
1100	Molybdenum	EPA 6020B	10156420	Metals	1/5/2024
4360	n-Amyl acetate	EPA 1666A	10128208	Volatile Organics	7/30/2007
5005	Naphthalene	EPA 624.1	10298121	Volatile Organics	9/15/2022
5005	Naphthalene	EPA 625.1	10300024	Extractable Organics	4/4/2018
5005	Naphthalene	EPA 8260D	10307127	Volatile Organics	1/5/2024
5005	Naphthalene	EPA 8270	10185203	Extractable Organics	7/1/2003
5005	Naphthalene	EPA 8270E	10242543	Extractable Organics	1/5/2024
4403	n-Butyl Acetate	EPA 1666A	10128208	Volatile Organics	7/30/2007
4403	n-Butyl Acetate	EPA 8260D	10307127	Volatile Organics	1/5/2024
4425	n-Butyl alcohol	EPA 8015C	10173816	Volatile Organics	1/5/2024
4425	n-Butyl alcohol	EPA 8260D	10307127	Volatile Organics	1/5/2024
4435	n-Butylbenzene	EPA 8260D	10307127	Volatile Organics	1/5/2024
9395	N-Ethylperfluorooctane sulfonamide (N-EtFOSA)	EPA 1633	10123463	Extractable Organics	1/31/2024
4846	N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	EPA 1633	10123463	Extractable Organics	1/31/2024
9431	N-ethylperfluorooctane sulfonamido ethanol (EtFOSE)	EPA 1633	10123463	Extractable Organics	1/31/2024
1105	Nickel	EPA 200.7	10013806	Metals	2/6/2002
1105	Nickel	EPA 200.8	10014605	Metals	10/17/2003
1105	Nickel	EPA 6010D	10155950	Metals	1/5/2024
1105	Nickel	EPA 6020B	10156420	Metals	1/5/2024
1805	Nitrate	EPA 9056A	10199607	General Chemistry	1/5/2024
1810	Nitrate as N	EPA 300.0	10053200	General Chemistry	2/6/2002
1810	Nitrate as N	EPA 353.2	10067604	General Chemistry	2/6/2002
1820	Nitrate-nitrite	EPA 300.0	10053200	General Chemistry	2/6/2002



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State Laboratory ID: E87052 EPA Lab Code: GA00006 (912) 354-7858

E87052
Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Matrix: Non-Potable Water

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
1820	Nitrate-nitrite	EPA 353.2	10067604	General Chemistry	2/6/2002
1835	Nitrite	EPA 9056A	10199607	General Chemistry	1/5/2024
1840	Nitrite as N	EPA 300.0	10053200	General Chemistry	2/6/2002
1840	Nitrite as N	EPA 353.2	10067604	General Chemistry	2/6/2002
5015	Nitrobenzene	EPA 625.1	10300024	Extractable Organics	4/4/2018
5015	Nitrobenzene	EPA 8270	10185203	Extractable Organics	7/1/2003
5015	Nitrobenzene	EPA 8270E	10242543	Extractable Organics	1/5/2024
9433	N-Methylperfluorooctane sulfonamide (MeFOSA)	EPA 1633	10123463	Extractable Organics	1/31/2024
4847	N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	EPA 1633	10123463	Extractable Organics	1/31/2024
6949	N-Methylperfluorooctane sulfonamido ethano (MeFOSE)	EPA 1633	10123463	Extractable Organics	1/31/2024
6525	n-Nitrosodiethylamine	EPA 8270	10185203	Extractable Organics	7/1/2003
6525	n-Nitrosodiethylamine	EPA 8270E	10242543	Extractable Organics	1/5/2024
6530	n-Nitrosodimethylamine	EPA 625.1	10300024	Extractable Organics	4/4/2018
6530	n-Nitrosodimethylamine	EPA 8270	10185203	Extractable Organics	7/1/2003
6530	n-Nitrosodimethylamine	EPA 8270E	10242543	Extractable Organics	1/5/2024
5025	n-Nitroso-di-n-butylamine	EPA 8270	10185203	Extractable Organics	7/1/2003
5025	n-Nitroso-di-n-butylamine	EPA 8270E	10242543	Extractable Organics	1/5/2024
6545	n-Nitrosodi-n-propylamine	EPA 625.1	10300024	Extractable Organics	4/4/2018
6545	n-Nitrosodi-n-propylamine	EPA 8270	10185203	Extractable Organics	7/1/2003
6545	n-Nitrosodi-n-propylamine	EPA 8270E	10242543	Extractable Organics	1/5/2024
6535	n-Nitrosodiphenylamine	EPA 625.1	10300024	Extractable Organics	4/4/2018
6535	n-Nitrosodiphenylamine	EPA 8270	10185203	Extractable Organics	7/1/2003
6535	n-Nitrosodiphenylamine	EPA 8270E	10242543	Extractable Organics	1/5/2024
6550	n-Nitrosomethylethylamine	EPA 8270	10185203	Extractable Organics	7/1/2003
6550	n-Nitrosomethylethylamine	EPA 8270E	10242543	Extractable Organics	1/5/2024
6555	n-Nitrosomorpholine	EPA 8270	10185203	Extractable Organics	7/1/2003
6555	n-Nitrosomorpholine	EPA 8270E	10242543	Extractable Organics	1/5/2024
6560	n-Nitrosopiperidine	EPA 8270	10185203	Extractable Organics	7/1/2003
6560	n-Nitrosopiperidine	EPA 8270E	10242543	Extractable Organics	1/5/2024
6565	n-Nitrosopyrrolidine	EPA 8270	10185203	Extractable Organics	7/1/2003
6565	n-Nitrosopyrrolidine	EPA 8270E	10242543	Extractable Organics	1/5/2024
6956	Nonafluoro-3,6-dioxaheptanoic Acid (NFDHA)	EPA 1633	10123463	Extractable Organics	1/31/2024
5055	n-Propanol (1-Propanol)	EPA 8015C	10173816	Volatile Organics	1/5/2024
5090	n-Propylbenzene	EPA 8260D	10307127	Volatile Organics	1/5/2024



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State Laboratory ID: E87052 EPA Lab Code: GA00006 (912) 354-7858

E87052
Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Matrix: Non-Potable Water

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
8290	o,o,o-Triethyl phosphorothioate	EPA 8270	10185203	Pesticides-Herbicides-PCB's	7/1/2003
8290	o,o,o-Triethyl phosphorothioate	EPA 8270E	10242543	Pesticides-Herbicides-PCB's	1/5/2024
1860	Oil & Grease	EPA 1664A	10127807	General Chemistry	12/2/2015
1865	Organic nitrogen	TKN minus AMMONIA	60034437	General Chemistry	7/30/2007
1870	Orthophosphate as P	EPA 365.1	10070005	General Chemistry	11/18/2008
1870	Orthophosphate as P	SM 4500-P F-2011	20125024	General Chemistry	1/31/2024
5145	o-Toluidine	EPA 8270	10185203	Extractable Organics	7/1/2003
5145	o-Toluidine	EPA 8270E	10242543	Extractable Organics	1/5/2024
5250	o-Xylene	EPA 8260D	10307127	Volatile Organics	1/5/2024
7955	Parathion, ethyl	EPA 8270	10185203	Pesticides-Herbicides-PCB's	7/1/2003
7955	Parathion, ethyl	EPA 8270E	10242543	Pesticides-Herbicides-PCB's	1/5/2024
6590	Pentachlorobenzene	EPA 8270	10185203	Extractable Organics	7/1/2003
6590	Pentachlorobenzene	EPA 8270E	10242543	Extractable Organics	1/5/2024
5035	Pentachloroethane	EPA 8260D	10307127	Volatile Organics	1/5/2024
6600	Pentachloronitrobenzene (Quintozene)	EPA 8270	10185203	Extractable Organics	7/1/2003
6600	Pentachloronitrobenzene (Quintozene)	EPA 8270E	10242543	Extractable Organics	1/5/2024
6605	Pentachlorophenol	EPA 625.1	10300024	Extractable Organics	4/4/2018
6605	Pentachlorophenol	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	1/5/2024
6605	Pentachlorophenol	EPA 8270	10185203	Extractable Organics	7/1/2003
6605	Pentachlorophenol	EPA 8270E	10242543	Extractable Organics	1/5/2024
6957	Perfluoro(2-ethoxyethane) Sulfonic Acid (PFEEESA)	EPA 1633	10123463	Extractable Organics	1/31/2024
6965	Perfluoro-3-methoxypropanoic Acid (PFMPA)	EPA 1633	10123463	Extractable Organics	1/31/2024
6966	Perfluoro-4-methoxybutanoic Acid (PFMBA)	EPA 1633	10123463	Extractable Organics	1/31/2024
6918	Perfluorobutane Sulfonic Acid (PFBS)	EPA 1633	10123463	Extractable Organics	1/31/2024
6915	Perfluorobutanoic Acid (PFBA)	EPA 1633	10123463	Extractable Organics	1/31/2024
6920	Perfluorodecane Sulfonic Acid (PFDS)	EPA 1633	10123463	Extractable Organics	1/31/2024
6905	Perfluorodecanoic Acid (PFDA)	EPA 1633	10123463	Extractable Organics	1/31/2024
6923	Perfluorododecane Sulfonic Acid (PFDoS)	EPA 1633	10123463	Extractable Organics	1/31/2024
6903	Perfluorododecanoic Acid (PFDoA)	EPA 1633	10123463	Extractable Organics	1/31/2024
9470	Perfluoroheptane Sulfonic Acid (PFHpS)	EPA 1633	10123463	Extractable Organics	1/31/2024
6908	Perfluoroheptanoic Acid (PFHpA)	EPA 1633	10123463	Extractable Organics	1/31/2024
6927	Perfluorohexane Sulfonic Acid (PFHxS)	EPA 1633	10123463	Extractable Organics	1/31/2024
6913	Perfluorohexanoic Acid (PFHxA)	EPA 1633	10123463	Extractable Organics	1/31/2024
6929	Perfluorononane Sulfonic Acid (PFNS)	EPA 1633	10123463	Extractable Organics	1/31/2024
6906	Perfluorononanoic Acid (PFNA)	EPA 1633	10123463	Extractable Organics	1/31/2024
6917	Perfluorooctane sulfonamide (PFOSA)	EPA 1633	10123463	Extractable Organics	1/31/2024

Clients and Customers are urged to verify the laboratory's current certification status with the Environmental Laboratory Certification Program. Certification Type NELAP
Issue Date: 7/1/2024 Expiration Date: 6/30/2025



Laboratory Scope of Accreditation

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State Laboratory ID: E87052 EPA Lab Code: GA00006 (912) 354-7858

E87052
Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Matrix: Non-Potable Water

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
6931	Perfluorooctane sulfonic acid (PFOS)	EPA 1633	10123463	Extractable Organics	1/31/2024
6912	Perfluorooctanoic Acid (PFOA)	EPA 1633	10123463	Extractable Organics	1/31/2024
6934	Perfluoropentane Sulfonic Acid (PFPeS)	EPA 1633	10123463	Extractable Organics	1/31/2024
6914	Perfluoropentanoic Acid (PFPeA)	EPA 1633	10123463	Extractable Organics	1/31/2024
6902	Perfluorotetradecanoic acid (PFTDA)	EPA 1633	10123463	Extractable Organics	1/31/2024
9563	Perfluorotridecanoic acid (PFTrDA)	EPA 1633	10123463	Extractable Organics	1/31/2024
6904	Perfluoroundecanoic acid (PFUnDA)	EPA 1633	10123463	Extractable Organics	1/31/2024
1900	pH	EPA 150.1	10008409	General Chemistry	2/6/2002
1900	pH	EPA 9040C	10244403	General Chemistry	1/5/2024
1900	pH	SM 4500-H+ B-2011	20105220	General Chemistry	1/31/2024
6610	Phenacetin	EPA 8270	10185203	Extractable Organics	7/1/2003
6610	Phenacetin	EPA 8270E	10242543	Extractable Organics	1/5/2024
6615	Phenanthrene	EPA 625.1	10300024	Extractable Organics	4/4/2018
6615	Phenanthrene	EPA 8270	10185203	Extractable Organics	7/1/2003
6615	Phenanthrene	EPA 8270E	10242543	Extractable Organics	1/5/2024
6625	Phenol	EPA 625.1	10300024	Extractable Organics	4/4/2018
6625	Phenol	EPA 8270	10185203	Extractable Organics	7/1/2003
6625	Phenol	EPA 8270E	10242543	Extractable Organics	1/5/2024
7985	Phorate	EPA 8270	10185203	Pesticides-Herbicides-PCB's	7/1/2003
7985	Phorate	EPA 8270E	10242543	Pesticides-Herbicides-PCB's	1/5/2024
1910	Phosphorus, total	EPA 200.7	10013806	Metals	1/10/2023
1910	Phosphorus, total	EPA 365.4	10071202	General Chemistry	2/6/2002
1910	Phosphorus, total	EPA 6010D	10155950	Metals	1/5/2024
8645	Picloram	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	1/5/2024
4910	p-Isopropyltoluene	EPA 8260D	10307127	Volatile Organics	1/5/2024
1125	Potassium	EPA 200.7	10013806	Metals	2/6/2002
1125	Potassium	EPA 6010D	10155950	Metals	1/5/2024
1125	Potassium	EPA 6020B	10156420	Metals	1/5/2024
6650	Pronamide (Kerb)	EPA 8270	10185203	Extractable Organics	7/1/2003
6650	Pronamide (Kerb)	EPA 8270E	10242543	Extractable Organics	1/5/2024
5080	Propionitrile (Ethyl cyanide)	EPA 8260D	10307127	Volatile Organics	1/5/2024
6665	Pyrene	EPA 625.1	10300024	Extractable Organics	4/4/2018
6665	Pyrene	EPA 8270	10185203	Extractable Organics	7/1/2003
6665	Pyrene	EPA 8270E	10242543	Extractable Organics	1/5/2024
5095	Pyridine	EPA 8270	10185203	Extractable Organics	7/1/2003
5095	Pyridine	EPA 8270E	10242543	Extractable Organics	1/5/2024



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E87052
Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Matrix: Non-Potable Water

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
1945	Residual free chlorine	EPA 330.3	10058807	General Chemistry	2/6/2002
1955	Residue-filterable (TDS)	EPA 160.1	10009208	General Chemistry	2/6/2002
1955	Residue-filterable (TDS)	SM 2540 C-2015	20050435	General Chemistry	1/31/2024
1960	Residue-nonfilterable (TSS)	EPA 160.2	10009606	General Chemistry	2/6/2002
1960	Residue-nonfilterable (TSS)	SM 2540 D-2015	20051223	General Chemistry	1/31/2024
1965	Residue-settleable	EPA 160.5	10010807	General Chemistry	2/6/2002
1965	Residue-settleable	SM 2540 F-2015	20052226	General Chemistry	1/31/2024
1950	Residue-total	EPA 160.3	10010001	General Chemistry	2/6/2002
1950	Residue-total	SM 2540 B-2015	20049438	General Chemistry	1/31/2024
6685	Safrole	EPA 8270	10185203	Extractable Organics	7/1/2003
6685	Safrole	EPA 8270E	10242543	Extractable Organics	1/5/2024
1975	Salinity	SM 2520 B-2011	20040088	General Chemistry	1/31/2024
4440	sec-Butylbenzene	EPA 8260D	10307127	Volatile Organics	1/5/2024
1140	Selenium	EPA 200.7	10013806	Metals	2/6/2002
1140	Selenium	EPA 200.8	10014605	Metals	10/17/2003
1140	Selenium	EPA 6010D	10155950	Metals	1/5/2024
1140	Selenium	EPA 6020B	10156420	Metals	1/5/2024
1990	Silica as SiO2	EPA 200.7	10013806	Metals	7/30/2007
1145	Silicon	EPA 200.7	10013806	Metals	2/6/2002
1145	Silicon	EPA 6010D	10155950	Metals	1/5/2024
1150	Silver	EPA 200.7	10013806	Metals	2/6/2002
1150	Silver	EPA 200.8	10014605	Metals	10/17/2003
1150	Silver	EPA 6010D	10155950	Metals	1/5/2024
1150	Silver	EPA 6020B	10156420	Metals	1/5/2024
8650	Silvex (2,4,5-TP)	EPA 615	10105609	Pesticides-Herbicides-PCB's	2/6/2002
8650	Silvex (2,4,5-TP)	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	1/5/2024
1155	Sodium	EPA 200.7	10013806	Metals	2/6/2002
1155	Sodium	EPA 6010D	10155950	Metals	1/5/2024
1155	Sodium	EPA 6020B	10156420	Metals	1/5/2024
1160	Strontium	EPA 200.7	10013806	Metals	2/6/2002
1160	Strontium	EPA 6010D	10155950	Metals	1/5/2024
5100	Styrene	EPA 8260D	10307127	Volatile Organics	1/5/2024
2000	Sulfate	EPA 300.0	10053200	General Chemistry	2/6/2002
2000	Sulfate	EPA 375.4	10073800	General Chemistry	2/6/2002
2000	Sulfate	EPA 9038	10196608	General Chemistry	7/1/2003
2000	Sulfate	EPA 9056A	10199607	General Chemistry	1/5/2024



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Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Matrix: Non-Potable Water

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
2005	Sulfide	EPA 376.1	10074201	General Chemistry	7/30/2007
2005	Sulfide	EPA 9030B	10195605	General Chemistry	1/5/2024
2005	Sulfide	EPA 9034	10196006	General Chemistry	7/1/2003
2005	Sulfide	SM 4500-S F (19th/20th/21st Ed.)/TITR	20126652	General Chemistry	7/30/2007
2015	Sulfite-SO3	EPA 377.1	10075000	General Chemistry	9/15/2022
2015	Sulfite-SO3	SM 4500-SO3 ⁻ B-2011	20130636	General Chemistry	1/31/2024
8155	Sulfotepp	EPA 8270	10185203	Pesticides-Herbicides-PCB's	7/1/2003
8155	Sulfotepp	EPA 8270E	10242543	Pesticides-Herbicides-PCB's	1/5/2024
4370	T-amylmethylether (TAME)	EPA 8260D	10307127	Volatile Organics	1/5/2024
4368	tert-Amyl Alcohol	EPA 8260D	10307127	Volatile Organics	1/5/2024
4420	tert-Butyl alcohol (2-Methyl-2-propanol)	EPA 8015C	10173816	Volatile Organics	1/5/2024
4420	tert-Butyl alcohol (2-Methyl-2-propanol)	EPA 8260D	10307127	Volatile Organics	1/5/2024
9557	tert-Butyl Formate	EPA 8260D	10307127	Volatile Organics	1/5/2024
4445	tert-Butylbenzene	EPA 8260D	10307127	Volatile Organics	1/5/2024
5115	Tetrachloroethylene (Perchloroethylene)	EPA 624.1	10298121	Volatile Organics	4/4/2018
1165	Thallium	EPA 200.7	10013806	Metals	2/6/2002
1165	Thallium	EPA 200.8	10014605	Metals	10/17/2003
1165	Thallium	EPA 6010D	10155950	Metals	1/5/2024
1165	Thallium	EPA 6020B	10156420	Metals	1/5/2024
8235	Thionazin (Zinophos)	EPA 8270	10185203	Pesticides-Herbicides-PCB's	7/1/2003
8235	Thionazin (Zinophos)	EPA 8270E	10242543	Pesticides-Herbicides-PCB's	1/5/2024
1175	Tin	EPA 200.7	10013806	Metals	2/6/2002
1175	Tin	EPA 200.8	10014605	Metals	1/10/2023
1175	Tin	EPA 6010D	10155950	Metals	1/5/2024
1175	Tin	EPA 6020B	10156420	Metals	1/5/2024
1180	Titanium	EPA 200.7	10013806	Metals	2/6/2002
1180	Titanium	EPA 6010D	10155950	Metals	1/5/2024
5140	Toluene	EPA 624.1	10298121	Volatile Organics	4/4/2018
5140	Toluene	EPA 8260D	10307127	Volatile Organics	1/5/2024
2500	Total coliforms	SM 9223 B (Colilert Quanti-Tray)-2016	20211647	Microbiology	1/31/2024
2500	Total coliforms	SM 9223 B /QUANTI-TRAY	20211603	Microbiology	1/10/2023
1645	Total cyanide	EPA 9012B	10243228	General Chemistry	1/5/2024
1825	Total nitrate-nitrite	EPA 9056A	10199607	General Chemistry	1/5/2024
2040	Total organic carbon	EPA 415.1	10078407	General Chemistry	2/6/2002
2040	Total organic carbon	EPA 9060A	10244823	General Chemistry	1/5/2024



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Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Matrix: Non-Potable Water

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
2040	Total organic carbon	SM 5310 B-2014	20137831	Microbiology	1/31/2024
2045	Total organic halides (TOX)	EPA 9020B	10194408	General Chemistry	1/5/2024
2050	Total Petroleum Hydrocarbons (TPH)	EPA 1664A	10127807	General Chemistry	2/6/2002
2050	Total Petroleum Hydrocarbons (TPH)	FL-PRO	90015808	Extractable Organics	9/15/2022
1905	Total phenolics	EPA 420.1	10079400	General Chemistry	2/6/2002
1905	Total phenolics	EPA 9065	10200405	General Chemistry	7/1/2003
1940	Total residual chlorine	SM 4500 Cl B	20018808	General Chemistry	11/18/2008
8250	Toxaphene (Chlorinated camphene)	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	4/4/2018
4700	trans-1,2-Dichloroethylene	EPA 624.1	10298121	Volatile Organics	4/4/2018
4700	trans-1,2-Dichloroethylene	EPA 8260D	10307127	Volatile Organics	1/5/2024
4685	trans-1,3-Dichloropropene	EPA 624.1	10298121	Volatile Organics	4/4/2018
4685	trans-1,3-Dichloropropene	EPA 8260D	10307127	Volatile Organics	1/5/2024
4605	trans-1,4-Dichloro-2-butene	EPA 8260D	10307127	Volatile Organics	1/5/2024
5170	Trichloroethene (Trichloroethylene)	EPA 624.1	10298121	Volatile Organics	4/4/2018
5170	Trichloroethene (Trichloroethylene)	EPA 8260D	10307127	Volatile Organics	1/5/2024
5175	Trichlorofluoromethane	EPA 624.1	10298121	Volatile Organics	4/4/2018
5175	Trichlorofluoromethane	EPA 8260D	10307127	Volatile Organics	1/5/2024
2055	Turbidity	EPA 180.1	10011800	General Chemistry	2/6/2002
2055	Turbidity	SM 2130 B-2011	20048220	General Chemistry	1/31/2024
2058	Un-Ionized Ammonia	DEP SOP 10/03/83	90015842	General Chemistry	7/30/2007
1185	Vanadium	EPA 200.7	10013806	Metals	2/6/2002
1185	Vanadium	EPA 200.8	10014605	Metals	10/17/2003
1185	Vanadium	EPA 6010D	10155950	Metals	1/5/2024
1185	Vanadium	EPA 6020B	10156420	Metals	1/5/2024
5225	Vinyl acetate	EPA 8260D	10307127	Volatile Organics	1/5/2024
5235	Vinyl chloride	EPA 624.1	10298121	Volatile Organics	4/4/2018
5235	Vinyl chloride	EPA 8260D	10307127	Volatile Organics	1/5/2024
5260	Xylene (total)	EPA 624.1	10298121	Volatile Organics	4/4/2018
5260	Xylene (total)	EPA 8260D	10307127	Volatile Organics	1/5/2024
1190	Zinc	EPA 200.7	10013806	Metals	2/6/2002
1190	Zinc	EPA 200.8	10014605	Metals	10/17/2003
1190	Zinc	EPA 6010D	10155950	Metals	1/5/2024
1190	Zinc	EPA 6020B	10156420	Metals	1/5/2024



Laboratory Scope of Accreditation

Attachment to Certificate #: E87052-83, expiration date June 30, 2025. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: E87052 EPA Lab Code: GA00006 (912) 354-7858

E87052
Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Matrix: Solid and Chemical Materials

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
5105	1,1,1,2-Tetrachloroethane	EPA 8260D	10307127	Volatile Organics	1/5/2024
5160	1,1,1-Trichloroethane	EPA 8260D	10307127	Volatile Organics	1/5/2024
5110	1,1,2,2-Tetrachloroethane	EPA 8260D	10307127	Volatile Organics	1/5/2024
5185	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	EPA 8260D	10307127	Volatile Organics	1/5/2024
5165	1,1,2-Trichloroethane	EPA 8260D	10307127	Volatile Organics	1/5/2024
4630	1,1-Dichloroethane	EPA 8260D	10307127	Volatile Organics	1/5/2024
4640	1,1-Dichloroethylene	EPA 8260D	10307127	Volatile Organics	1/5/2024
5150	1,2,3-Trichlorobenzene	EPA 8260D	10307127	Volatile Organics	1/5/2024
5180	1,2,3-Trichloropropane	EPA 8260D	10307127	Volatile Organics	1/5/2024
5182	1,2,3-Trimethylbenzene	EPA 8260D	10307127	Volatile Organics	1/5/2024
6715	1,2,4,5-Tetrachlorobenzene	EPA 8270E	10242543	Extractable Organics	1/5/2024
5155	1,2,4-Trichlorobenzene	EPA 8260D	10307127	Volatile Organics	1/5/2024
5155	1,2,4-Trichlorobenzene	EPA 8270E	10242543	Extractable Organics	1/5/2024
4570	1,2-Dibromo-3-chloropropane (DBCP)	EPA 8260D	10307127	Volatile Organics	1/5/2024
4585	1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA 8260D	10307127	Volatile Organics	1/5/2024
4610	1,2-Dichlorobenzene	EPA 8260D	10307127	Volatile Organics	1/5/2024
4610	1,2-Dichlorobenzene	EPA 8270E	10242543	Extractable Organics	1/5/2024
4635	1,2-Dichloroethane	EPA 8260D	10307127	Volatile Organics	1/5/2024
4655	1,2-Dichloropropane	EPA 8260D	10307127	Volatile Organics	1/5/2024
6220	1,2-Diphenylhydrazine	EPA 8270E	10242543	Extractable Organics	1/5/2024
6800	1,3,5-Trichlorobenzene	EPA 8260D	10307127	Volatile Organics	1/5/2024
5215	1,3,5-Trimethylbenzene	EPA 8260D	10307127	Volatile Organics	1/5/2024
6885	1,3,5-Trinitrobenzene (1,3,5-TNB)	EPA 8270E	10242543	Extractable Organics	1/5/2024
4615	1,3-Dichlorobenzene	EPA 8260D	10307127	Volatile Organics	1/5/2024
4615	1,3-Dichlorobenzene	EPA 8270E	10242543	Extractable Organics	1/5/2024
4660	1,3-Dichloropropane	EPA 8260D	10307127	Volatile Organics	1/5/2024
6160	1,3-Dinitrobenzene (1,3-DNB)	EPA 8270E	10242543	Extractable Organics	1/5/2024
4620	1,4-Dichlorobenzene	EPA 8260D	10307127	Volatile Organics	1/5/2024
4620	1,4-Dichlorobenzene	EPA 8270E	10242543	Extractable Organics	1/5/2024
4735	1,4-Dioxane (1,4-Diethyleneoxide)	EPA 8260D	10307127	Volatile Organics	1/5/2024
4735	1,4-Dioxane (1,4-Diethyleneoxide)	EPA 8270E	10242543	Extractable Organics	1/5/2024
6420	1,4-Naphthoquinone	EPA 8270E	10242543	Extractable Organics	1/5/2024
6630	1,4-Phenylenediamine	EPA 8270E	10242543	Extractable Organics	1/5/2024
9490	11-Chloroeicosaffluoro-3-oxaundecane-1-sulfo nic Acid (11-CIPF30UdS)	EPA 1633	10123463	Extractable Organics	1/31/2024
4510	1-Chlorohexane	EPA 8260D	10307127	Volatile Organics	1/5/2024



Laboratory Scope of Accreditation

Attachment to Certificate #: E87052-83, expiration date June 30, 2025. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: E87052 EPA Lab Code: GA00006 (912) 354-7858

E87052
Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Matrix: Solid and Chemical Materials

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
6948	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2 FTS)	EPA 1633	10123463	Extractable Organics	1/31/2024
6946	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	EPA 1633	10123463	Extractable Organics	1/31/2024
6947	1H,1H,2H,2H-Perfluoro-octanesulfonic Acid (6:2 FTS)	EPA 1633	10123463	Extractable Organics	1/31/2024
6380	1-Methylnaphthalene	EPA 8270E	10242543	Extractable Organics	1/5/2024
6425	1-Naphthylamine	EPA 8270E	10242543	Extractable Organics	1/5/2024
4665	2,2-Dichloropropane	EPA 8260D	10307127	Volatile Organics	1/5/2024
4659	2,2'-Oxybis(1-chloropropane),bis(2-Chloro-1-methylethyl)ether (fka bis(2-Chloroisopropyl) ether	EPA 8270E	10242543	Extractable Organics	1/5/2024
6735	2,3,4,6-Tetrachlorophenol	EPA 8270E	10242543	Extractable Organics	1/5/2024
8655	2,4,5-T	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	1/5/2024
6835	2,4,5-Trichlorophenol	EPA 8270E	10242543	Extractable Organics	1/5/2024
6840	2,4,6-Trichlorophenol	EPA 8270E	10242543	Extractable Organics	1/5/2024
8545	2,4-D	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	1/5/2024
8560	2,4-DB	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	1/5/2024
6000	2,4-Dichlorophenol	EPA 8270E	10242543	Extractable Organics	1/5/2024
6130	2,4-Dimethylphenol	EPA 8270E	10242543	Extractable Organics	1/5/2024
6175	2,4-Dinitrophenol	EPA 8270E	10242543	Extractable Organics	1/5/2024
6185	2,4-Dinitrotoluene (2,4-DNT)	EPA 8270E	10242543	Extractable Organics	1/5/2024
6005	2,6-Dichlorophenol	EPA 8270E	10242543	Extractable Organics	1/5/2024
6190	2,6-Dinitrotoluene (2,6-DNT)	EPA 8270E	10242543	Extractable Organics	1/5/2024
5515	2-Acetylaminofluorene	EPA 8270E	10242543	Extractable Organics	1/5/2024
4410	2-Butanone (Methyl ethyl ketone, MEK)	EPA 8260D	10307127	Volatile Organics	1/5/2024
5795	2-Chloronaphthalene	EPA 8270E	10242543	Extractable Organics	1/5/2024
5800	2-Chlorophenol	EPA 8270E	10242543	Extractable Organics	1/5/2024
4535	2-Chlorotoluene	EPA 8260D	10307127	Volatile Organics	1/5/2024
9340	2H,2H,3H,3H-Perfluorodecanoic Acid (7:3 FTCA)	EPA 1633	10123463	Extractable Organics	1/31/2024
9338	2H,2H,3H,3H-Perfluorooctanoic Acid (5:3 FTCA)	EPA 1633	10123463	Extractable Organics	1/31/2024
4860	2-Hexanone	EPA 8260D	10307127	Volatile Organics	1/5/2024
6360	2-Methyl-4,6-dinitrophenol	EPA 8270E	10242543	Extractable Organics	1/5/2024
6385	2-Methylnaphthalene	EPA 8260D	10307127	Volatile Organics	1/5/2024
6385	2-Methylnaphthalene	EPA 8270E	10242543	Extractable Organics	1/5/2024
6400	2-Methylphenol (o-Cresol)	EPA 8270E	10242543	Extractable Organics	1/5/2024
6430	2-Naphthylamine	EPA 8270E	10242543	Extractable Organics	1/5/2024
6460	2-Nitroaniline	EPA 8270E	10242543	Extractable Organics	1/5/2024



Laboratory Scope of Accreditation

Attachment to Certificate #: E87052-83, expiration date June 30, 2025. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: E87052 EPA Lab Code: GA00006 (912) 354-7858

E87052
Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Matrix: Solid and Chemical Materials

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
6490	2-Nitrophenol	EPA 8270E	10242543	Extractable Organics	1/5/2024
5020	2-Nitropropane	EPA 8260D	10307127	Volatile Organics	1/5/2024
5050	2-Picoline (2-Methylpyridine)	EPA 8270E	10242543	Extractable Organics	1/5/2024
5945	3,3'-Dichlorobenzidine	EPA 8270E	10242543	Extractable Organics	1/5/2024
6120	3,3'-Dimethylbenzidine	EPA 8270E	10242543	Extractable Organics	1/5/2024
8600	3,5-Dichlorobenzoic acid	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	1/5/2024
6412	3/4-Methylphenols (m/p-Cresols)	EPA 8270E	10242543	Extractable Organics	1/5/2024
6355	3-Methylcholanthrene	EPA 8270E	10242543	Extractable Organics	1/5/2024
6465	3-Nitroaniline	EPA 8270E	10242543	Extractable Organics	1/5/2024
9353	4,4,5,5,6,6,6-Heptafluorohexanoic Acid (3:3 FTCA)	EPA 1633	10123463	Extractable Organics	1/31/2024
7355	4,4'-DDD	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
7360	4,4'-DDE	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
7365	4,4'-DDT	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
6951	4,8-Dioxa-3H-perfluorononanoic Acid (ADONA)	EPA 1633	10123463	Extractable Organics	1/31/2024
5540	4-Aminobiphenyl	EPA 8270E	10242543	Extractable Organics	1/5/2024
5660	4-Bromophenyl phenyl ether	EPA 8270E	10242543	Extractable Organics	1/5/2024
5700	4-Chloro-3-methylphenol	EPA 8270E	10242543	Extractable Organics	1/5/2024
5745	4-Chloroaniline	EPA 8270E	10242543	Extractable Organics	1/5/2024
5825	4-Chlorophenyl phenylether	EPA 8270E	10242543	Extractable Organics	1/5/2024
4540	4-Chlorotoluene	EPA 8260D	10307127	Volatile Organics	1/5/2024
6105	4-Dimethyl aminoazobenzene	EPA 8270E	10242543	Extractable Organics	1/5/2024
4995	4-Methyl-2-pentanone (MIBK)	EPA 8260D	10307127	Volatile Organics	1/5/2024
6470	4-Nitroaniline	EPA 8270E	10242543	Extractable Organics	1/5/2024
6500	4-Nitrophenol	EPA 8270E	10242543	Extractable Organics	1/5/2024
6570	5-Nitro-o-toluidine	EPA 8270E	10242543	Extractable Organics	1/5/2024
6115	7,12-Dimethylbenz(a) anthracene	EPA 8270E	10242543	Extractable Organics	1/5/2024
6952	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic Acid (9-CIPF3ONS)	EPA 1633	10123463	Extractable Organics	1/31/2024
6125	a,a-Dimethylphenethylamine	EPA 8270E	10242543	Extractable Organics	1/5/2024
5500	Acenaphthene	EPA 8270E	10242543	Extractable Organics	1/5/2024
5505	Acenaphthylene	EPA 8270E	10242543	Extractable Organics	1/5/2024
4315	Acetone	EPA 8260D	10307127	Volatile Organics	1/5/2024
4320	Acetonitrile	EPA 8260D	10307127	Volatile Organics	1/5/2024
5510	Acetophenone	EPA 8270E	10242543	Extractable Organics	1/5/2024
8505	Acifluorfen	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	1/5/2024
4325	Acrolein (Propenal)	EPA 8260D	10307127	Volatile Organics	1/5/2024



Laboratory Scope of Accreditation

Attachment to Certificate #: E87052-83, expiration date June 30, 2025. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: E87052

EPA Lab Code: GA00006

(912) 354-7858

E87052

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Matrix: Solid and Chemical Materials

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
4340	Acrylonitrile	EPA 8260D	10307127	Volatile Organics	1/5/2024
7025	Aldrin	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
4355	Allyl chloride (3-Chloropropene)	EPA 8260D	10307127	Volatile Organics	1/5/2024
7110	alpha-BHC (alpha-Hexachlorocyclohexane)	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
7240	alpha-Chlordane	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
1000	Aluminum	EPA 6010D	10155950	Metals	1/5/2024
1000	Aluminum	EPA 6020B	10156420	Metals	1/5/2024
1510	Amenable cyanide	EPA 9012B	10243228	General Chemistry	1/5/2024
1515	Ammonia as N	EPA 350.1	10063602	General Chemistry	7/30/2007
5545	Aniline	EPA 8270E	10242543	Extractable Organics	1/5/2024
5555	Anthracene	EPA 8270E	10242543	Extractable Organics	1/5/2024
1005	Antimony	EPA 6010D	10155950	Metals	1/5/2024
1005	Antimony	EPA 6020B	10156420	Metals	1/5/2024
5560	Aramite	EPA 8270E	10242543	Extractable Organics	1/5/2024
8880	Aroclor-1016 (PCB-1016)	EPA 8082A	10179358	Pesticides-Herbicides-PCB's	1/5/2024
8885	Aroclor-1221 (PCB-1221)	EPA 8082A	10179358	Pesticides-Herbicides-PCB's	1/5/2024
8890	Aroclor-1232 (PCB-1232)	EPA 8082A	10179358	Pesticides-Herbicides-PCB's	1/5/2024
8895	Aroclor-1242 (PCB-1242)	EPA 8082A	10179358	Pesticides-Herbicides-PCB's	1/5/2024
8900	Aroclor-1248 (PCB-1248)	EPA 8082A	10179358	Pesticides-Herbicides-PCB's	1/5/2024
8905	Aroclor-1254 (PCB-1254)	EPA 8082A	10179358	Pesticides-Herbicides-PCB's	1/5/2024
8910	Aroclor-1260 (PCB-1260)	EPA 8082A	10179358	Pesticides-Herbicides-PCB's	1/5/2024
8912	Aroclor-1262 (PCB-1262)	EPA 8082A	10179358	Pesticides-Herbicides-PCB's	1/5/2024
8913	Aroclor-1268 (PCB-1268)	EPA 8082A	10179358	Pesticides-Herbicides-PCB's	1/5/2024
1010	Arsenic	EPA 6010D	10155950	Metals	1/5/2024
1010	Arsenic	EPA 6020B	10156420	Metals	1/5/2024
7065	Atrazine	EPA 8270E	10242543	Pesticides-Herbicides-PCB's	1/5/2024
1015	Barium	EPA 6010D	10155950	Metals	1/5/2024
1015	Barium	EPA 6020B	10156420	Metals	1/5/2024
8530	Bentazon	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	1/5/2024
5570	Benzaldehyde	EPA 8270E	10242543	Extractable Organics	1/5/2024
4375	Benzene	EPA 8260D	10307127	Volatile Organics	1/5/2024
5595	Benzidine	EPA 8270E	10242543	Extractable Organics	1/5/2024
5575	Benzo(a)anthracene	EPA 8270E	10242543	Extractable Organics	1/5/2024
5580	Benzo(a)pyrene	EPA 8270E	10242543	Extractable Organics	1/5/2024
5585	Benzo(b)fluoranthene	EPA 8270E	10242543	Extractable Organics	1/5/2024
5590	Benzo(g,h,i)perylene	EPA 8270E	10242543	Extractable Organics	1/5/2024



Laboratory Scope of Accreditation

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State Laboratory ID: E87052 EPA Lab Code: GA00006 (912) 354-7858

E87052
Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Matrix: Solid and Chemical Materials

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
5600	Benzo(k)fluoranthene	EPA 8270E	10242543	Extractable Organics	1/5/2024
5610	Benzoic acid	EPA 8270E	10242543	Extractable Organics	1/5/2024
5630	Benzyl alcohol	EPA 8270E	10242543	Extractable Organics	1/5/2024
5635	Benzyl chloride	EPA 8260D	10307127	Volatile Organics	1/5/2024
1020	Beryllium	EPA 6010D	10155950	Metals	1/5/2024
1020	Beryllium	EPA 6020B	10156420	Metals	1/5/2024
7115	beta-BHC (beta-Hexachlorocyclohexane)	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
6703	Biphenyl (1,1-Biphenyl, BZ 0)	EPA 8270E	10242543	Extractable Organics	1/5/2024
5760	bis(2-Chloroethoxy)methane	EPA 8270E	10242543	Extractable Organics	1/5/2024
5765	bis(2-Chloroethyl) ether	EPA 8270E	10242543	Extractable Organics	1/5/2024
1025	Boron	EPA 6010D	10155950	Metals	1/5/2024
1540	Bromide	EPA 300.0	10053200	General Chemistry	7/30/2007
1540	Bromide	EPA 9056A	10199607	General Chemistry	1/5/2024
4385	Bromobenzene	EPA 8260D	10307127	Volatile Organics	1/5/2024
4390	Bromochloromethane	EPA 8260D	10307127	Volatile Organics	1/5/2024
4395	Bromodichloromethane	EPA 8260D	10307127	Volatile Organics	1/5/2024
4400	Bromoform	EPA 8260D	10307127	Volatile Organics	1/5/2024
5670	Butyl benzyl phthalate	EPA 8270E	10242543	Extractable Organics	1/5/2024
1030	Cadmium	EPA 6010D	10155950	Metals	1/5/2024
1030	Cadmium	EPA 6020B	10156420	Metals	1/5/2024
1035	Calcium	EPA 6010D	10155950	Metals	1/5/2024
1035	Calcium	EPA 6020B	10156420	Metals	1/5/2024
7180	Caprolactam	EPA 8270E	10242543	Extractable Organics	1/5/2024
5680	Carbazole	EPA 8270E	10242543	Extractable Organics	1/5/2024
4450	Carbon disulfide	EPA 8260D	10307127	Volatile Organics	1/5/2024
4455	Carbon tetrachloride	EPA 8260D	10307127	Volatile Organics	1/5/2024
8540	Chloramben	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	1/5/2024
7250	Chlordane (tech.)	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
1575	Chloride	EPA 300.0	10053200	General Chemistry	7/30/2007
1575	Chloride	EPA 9056A	10199607	General Chemistry	1/5/2024
1575	Chloride	EPA 9251	10207406	General Chemistry	12/4/2020
4475	Chlorobenzene	EPA 8260D	10307127	Volatile Organics	1/5/2024
7260	Chlorobenzilate	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
4485	Chloroethane	EPA 8260D	10307127	Volatile Organics	1/5/2024
4505	Chloroform	EPA 8260D	10307127	Volatile Organics	1/5/2024
4525	Chloroprene	EPA 8260D	10307127	Volatile Organics	1/5/2024



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State Laboratory ID: E87052 EPA Lab Code: GA00006 (912) 354-7858

E87052
Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Matrix: Solid and Chemical Materials

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
1040	Chromium	EPA 6010D	10155950	Metals	1/5/2024
1040	Chromium	EPA 6020B	10156420	Metals	1/5/2024
1045	Chromium VI	EPA 7199	10163005	General Chemistry	6/16/2023
5855	Chrysene	EPA 8270E	10242543	Extractable Organics	1/5/2024
4645	cis-1,2-Dichloroethylene	EPA 8260D	10307127	Volatile Organics	1/5/2024
4680	cis-1,3-Dichloropropene	EPA 8260D	10307127	Volatile Organics	1/5/2024
1050	Cobalt	EPA 6010D	10155950	Metals	1/5/2024
1050	Cobalt	EPA 6020B	10156420	Metals	1/5/2024
1055	Copper	EPA 6010D	10155950	Metals	1/5/2024
1055	Copper	EPA 6020B	10156420	Metals	1/5/2024
4555	Cyclohexane	EPA 8260D	10307127	Volatile Organics	1/5/2024
8550	Dacthal (DCPA)	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	1/5/2024
8555	Dalapon	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	1/5/2024
7105	delta-BHC	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
6065	Di(2-ethylhexyl) phthalate (DEHP)	EPA 8270E	10242543	Extractable Organics	1/5/2024
7405	Diallate	EPA 8270E	10242543	Pesticides-Herbicides-PCB's	1/5/2024
5895	Dibenz(a,h)anthracene	EPA 8270E	10242543	Extractable Organics	1/5/2024
5905	Dibenzofuran	EPA 8270E	10242543	Extractable Organics	1/5/2024
4575	Dibromochloromethane	EPA 8260	10184404	Volatile Organics	2/6/2002
4575	Dibromochloromethane	EPA 8260D	10307127	Volatile Organics	1/5/2024
4595	Dibromomethane	EPA 8260D	10307127	Volatile Organics	1/5/2024
8595	Dicamba	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	1/5/2024
4625	Dichlorodifluoromethane	EPA 8260D	10307127	Volatile Organics	1/5/2024
8605	Dichloroprop (Dichlorprop)	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	1/5/2024
7470	Dieldrin	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
9369	Diesel range organics (DRO)	EPA 8015C	10173816	Extractable Organics	1/5/2024
4725	Diethyl ether	EPA 8260D	10307127	Volatile Organics	1/5/2024
6070	Diethyl phthalate	EPA 8270E	10242543	Extractable Organics	1/5/2024
9375	Di-isopropylether (DIPE)	EPA 8260D	10307127	Volatile Organics	1/5/2024
7475	Dimethoate	EPA 8270E	10242543	Pesticides-Herbicides-PCB's	1/5/2024
6135	Dimethyl phthalate	EPA 8270E	10242543	Extractable Organics	1/5/2024
5925	Di-n-butyl phthalate	EPA 8270E	10242543	Extractable Organics	1/5/2024
6200	Di-n-octyl phthalate	EPA 8270E	10242543	Extractable Organics	1/5/2024
8620	Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	1/5/2024
8620	Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)	EPA 8270E	10242543	Pesticides-Herbicides-PCB's	1/5/2024



Laboratory Scope of Accreditation

Attachment to Certificate #: E87052-83, expiration date June 30, 2025. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: E87052

EPA Lab Code: GA00006

(912) 354-7858

E87052
Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Matrix: Solid and Chemical Materials

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
8625	Disulfoton	EPA 8270E	10242543	Pesticides-Herbicides-PCB's	1/5/2024
7510	Endosulfan I	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
7515	Endosulfan II	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
7520	Endosulfan sulfate	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
7540	Endrin	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
7530	Endrin aldehyde	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
7535	Endrin ketone	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
4750	Ethanol	EPA 8015C	10173816	Volatile Organics	1/5/2024
4750	Ethanol	EPA 8260D	10307127	Volatile Organics	1/5/2024
4755	Ethyl acetate	EPA 8015C	10173816	Volatile Organics	1/5/2024
4755	Ethyl acetate	EPA 8260D	10307127	Volatile Organics	1/5/2024
4760	Ethyl acrylate	EPA 8260D	10307127	Volatile Organics	1/5/2024
4810	Ethyl methacrylate	EPA 8260D	10307127	Volatile Organics	1/5/2024
6260	Ethyl methanesulfonate	EPA 8270E	10242543	Extractable Organics	1/5/2024
4765	Ethylbenzene	EPA 8260D	10307127	Volatile Organics	1/5/2024
4785	Ethylene glycol	EPA 8015C	10173816	Volatile Organics	1/5/2024
4770	Ethyl-t-butylether (ETBE)	EPA 8260D	10307127	Volatile Organics	1/5/2024
7580	Famphur	EPA 8270E	10242543	Pesticides-Herbicides-PCB's	1/5/2024
6265	Fluoranthene	EPA 8270E	10242543	Extractable Organics	1/5/2024
6270	Fluorene	EPA 8270E	10242543	Extractable Organics	1/5/2024
1730	Fluoride	EPA 300.0	10053200	General Chemistry	7/30/2007
1730	Fluoride	EPA 9056A	10199607	General Chemistry	1/5/2024
7120	gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
7245	gamma-Chlordane	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
9408	Gasoline range organics (GRO)	EPA 8015C	10173816	Volatile Organics	1/5/2024
7685	Heptachlor	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
7690	Heptachlor epoxide	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
6275	Hexachlorobenzene	EPA 8270E	10242543	Pesticides-Herbicides-PCB's	1/5/2024
4835	Hexachlorobutadiene	EPA 8260D	10307127	Volatile Organics	1/5/2024
4835	Hexachlorobutadiene	EPA 8270E	10242543	Extractable Organics	1/5/2024
6285	Hexachlorocyclopentadiene	EPA 8270E	10242543	Extractable Organics	1/5/2024
4840	Hexachloroethane	EPA 8270E	10242543	Extractable Organics	1/5/2024
6290	Hexachlorophene	EPA 8270E	10242543	Extractable Organics	1/5/2024
6295	Hexachloropropene	EPA 8270E	10242543	Extractable Organics	1/5/2024
9460	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA, GenX)	EPA 1633	10123463	Extractable Organics	1/31/2024



Laboratory Scope of Accreditation

Attachment to Certificate #: E87052-83, expiration date June 30, 2025. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: E87052 EPA Lab Code: GA00006 (912) 354-7858

E87052
Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Matrix: Solid and Chemical Materials

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
1780	Ignitability	EPA 1010	10116606	General Chemistry	9/15/2022
1780	Ignitability	EPA 1010B	10234830	General Chemistry	1/5/2024
1780	Ignitability	EPA 1030	10117201	General Chemistry	7/30/2007
6315	Indeno(1,2,3-cd)pyrene	EPA 8270E	10242543	Extractable Organics	1/5/2024
4870	Iodomethane (Methyl iodide)	EPA 8260D	10307127	Volatile Organics	1/5/2024
1070	Iron	EPA 6010D	10155950	Metals	1/5/2024
1070	Iron	EPA 6020B	10156420	Metals	1/5/2024
4875	Isobutyl alcohol (2-Methyl-1-propanol)	EPA 8015C	10173816	Volatile Organics	1/5/2024
4875	Isobutyl alcohol (2-Methyl-1-propanol)	EPA 8260D	10307127	Volatile Organics	1/5/2024
7725	Isodrin	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
6320	Isophorone	EPA 8270E	10242543	Extractable Organics	1/5/2024
4895	Isopropyl alcohol (2-Propanol)	EPA 8015C	10173816	Volatile Organics	1/5/2024
4895	Isopropyl alcohol (2-Propanol)	EPA 8260D	10307127	Volatile Organics	1/5/2024
4900	Isopropylbenzene	EPA 8260D	10307127	Volatile Organics	1/5/2024
6325	Isosafrole	EPA 8270E	10242543	Extractable Organics	1/5/2024
7740	Kepone	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
1795	Kjeldahl nitrogen - total	EPA 351.2	10065404	General Chemistry	12/2/2005
1075	Lead	EPA 6010D	10155950	Metals	1/5/2024
1075	Lead	EPA 6020B	10156420	Metals	1/5/2024
1080	Lithium	EPA 6010D	10155950	Metals	1/5/2024
5240	m+p-Xylenes	EPA 8260D	10307127	Volatile Organics	1/5/2024
1085	Magnesium	EPA 6010D	10155950	Metals	1/5/2024
1085	Magnesium	EPA 6020B	10156420	Metals	1/5/2024
1090	Manganese	EPA 6010D	10155950	Metals	1/5/2024
1090	Manganese	EPA 6020B	10156420	Metals	1/5/2024
7775	MCPA	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	1/5/2024
7780	MCPP	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	1/5/2024
1095	Mercury	EPA 6020B	10156420	Metals	1/5/2024
1095	Mercury	EPA 7471B	10166457	Metals	1/5/2024
4925	Methacrylonitrile	EPA 8260D	10307127	Volatile Organics	1/5/2024
4930	Methanol	EPA 8015C	10173816	Volatile Organics	1/5/2024
6345	Methapyrilene	EPA 8270E	10242543	Extractable Organics	1/5/2024
7810	Methoxychlor	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
4940	Methyl acetate	EPA 8260D	10307127	Volatile Organics	1/5/2024
4950	Methyl bromide (Bromomethane)	EPA 8260D	10307127	Volatile Organics	1/5/2024
4960	Methyl chloride (Chloromethane)	EPA 8260D	10307127	Volatile Organics	1/5/2024



Laboratory Scope of Accreditation

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State Laboratory ID: E87052 EPA Lab Code: GA00006 (912) 354-7858

E87052
Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Matrix: Solid and Chemical Materials

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
4990	Methyl methacrylate	EPA 8260D	10307127	Volatile Organics	1/5/2024
6375	Methyl methanesulfonate	EPA 8270E	10242543	Extractable Organics	1/5/2024
7825	Methyl parathion (Parathion, methyl)	EPA 8270E	10242543	Pesticides-Herbicides-PCB's	1/5/2024
5000	Methyl tert-butyl ether (MTBE)	EPA 8260D	10307127	Volatile Organics	1/5/2024
4965	Methylcyclohexane	EPA 8260D	10307127	Volatile Organics	1/5/2024
7870	Mirex	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
1100	Molybdenum	EPA 6010D	10155950	Metals	1/5/2024
1100	Molybdenum	EPA 6020B	10156420	Metals	1/5/2024
5005	Naphthalene	EPA 8260D	10307127	Volatile Organics	1/5/2024
5005	Naphthalene	EPA 8270E	10242543	Extractable Organics	1/5/2024
4403	n-Butyl Acetate	EPA 8260D	10307127	Volatile Organics	1/5/2024
4425	n-Butyl alcohol	EPA 8015C	10173816	Volatile Organics	1/5/2024
4425	n-Butyl alcohol	EPA 8260D	10307127	Volatile Organics	1/5/2024
4435	n-Butylbenzene	EPA 8260D	10307127	Volatile Organics	1/5/2024
9395	N-Ethylperfluorooctane sulfonamide (N-EtFOSA)	EPA 1633	10123463	Extractable Organics	1/31/2024
4846	N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	EPA 1633	10123463	Extractable Organics	1/31/2024
9431	N-ethylperfluorooctane sulfonamido ethanol (EtFOSE)	EPA 1633	10123463	Extractable Organics	1/31/2024
1105	Nickel	EPA 6010D	10155950	Metals	1/5/2024
1105	Nickel	EPA 6020B	10156420	Metals	1/5/2024
1805	Nitrate	EPA 9056A	10199607	General Chemistry	1/5/2024
1810	Nitrate as N	EPA 300.0	10053200	General Chemistry	7/30/2007
1810	Nitrate as N	EPA 353.2	10067604	General Chemistry	12/2/2005
1835	Nitrite	EPA 9056A	10199607	General Chemistry	1/5/2024
1840	Nitrite as N	EPA 300.0	10053200	General Chemistry	7/30/2007
1840	Nitrite as N	EPA 353.2	10067604	General Chemistry	12/2/2005
5015	Nitrobenzene	EPA 8270E	10242543	Extractable Organics	1/5/2024
9433	N-Methylperfluorooctane sulfonamide (MeFOSA)	EPA 1633	10123463	Extractable Organics	1/31/2024
4847	N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	EPA 1633	10123463	Extractable Organics	1/31/2024
6949	N-Methylperfluorooctane sulfonamido ethano (MeFOSE)	EPA 1633	10123463	Extractable Organics	1/31/2024
6525	n-Nitrosodiethylamine	EPA 8270E	10242543	Extractable Organics	1/5/2024
6530	n-Nitrosodimethylamine	EPA 8270E	10242543	Extractable Organics	1/5/2024
5025	n-Nitroso-di-n-butylamine	EPA 8270E	10242543	Extractable Organics	1/5/2024
6545	n-Nitrosodi-n-propylamine	EPA 8270E	10242543	Extractable Organics	1/5/2024
6535	n-Nitrosodiphenylamine	EPA 8270E	10242543	Extractable Organics	1/5/2024

Clients and Customers are urged to verify the laboratory's current certification status with the Environmental Laboratory Certification Program. Certification Type **NELAP**
Issue Date: 7/1/2024 Expiration Date: 6/30/2025



Laboratory Scope of Accreditation

Attachment to Certificate #: E87052-83, expiration date June 30, 2025. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: E87052 EPA Lab Code: GA00006 (912) 354-7858

E87052
Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Matrix: Solid and Chemical Materials

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
6550	n-Nitrosomethylethylamine	EPA 8270E	10242543	Extractable Organics	1/5/2024
6555	n-Nitrosomorpholine	EPA 8270E	10242543	Extractable Organics	1/5/2024
6560	n-Nitrosopiperidine	EPA 8270E	10242543	Extractable Organics	1/5/2024
6565	n-Nitrosopyrrolidine	EPA 8270E	10242543	Extractable Organics	1/5/2024
6956	Nonfluoro-3,6-dioxaheptanoic Acid (NFDHA)	EPA 1633	10123463	Extractable Organics	1/31/2024
5055	n-Propanol (1-Propanol)	EPA 8015C	10173816	Volatile Organics	1/5/2024
5090	n-Propylbenzene	EPA 8260D	10307127	Volatile Organics	1/5/2024
8290	o,o,o-Triethyl phosphorothioate	EPA 8270E	10242543	Pesticides-Herbicides-PCB's	1/5/2024
1865	Organic nitrogen	TKN minus AMMONIA	60034437	General Chemistry	7/30/2007
1870	Orthophosphate as P	EPA 365.1	10070005	General Chemistry	11/18/2008
5250	o-Xylene	EPA 8260D	10307127	Volatile Organics	1/5/2024
1434	Paint Filter Liquids	EPA 9095B	10245600	General Chemistry	1/5/2024
7955	Parathion, ethyl	EPA 8270E	10242543	Pesticides-Herbicides-PCB's	1/5/2024
6590	Pentachlorobenzene	EPA 8270E	10242543	Extractable Organics	1/5/2024
6600	Pentachloronitrobenzene (Quintozene)	EPA 8270E	10242543	Extractable Organics	1/5/2024
6605	Pentachlorophenol	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	1/5/2024
6605	Pentachlorophenol	EPA 8270E	10242543	Extractable Organics	1/5/2024
6957	Perfluoro(2-ethoxyethane) Sulfonic Acid (PFEEESA)	EPA 1633	10123463	Extractable Organics	1/31/2024
6965	Perfluoro-3-methoxypropanoic Acid (PFMPA)	EPA 1633	10123463	Extractable Organics	1/31/2024
6966	Perfluoro-4-methoxybutanoic Acid (PFMBA)	EPA 1633	10123463	Extractable Organics	1/31/2024
6918	Perfluorobutane Sulfonic Acid (PFBS)	EPA 1633	10123463	Extractable Organics	1/31/2024
6915	Perfluorobutanoic Acid (PFBA)	EPA 1633	10123463	Extractable Organics	1/31/2024
6920	Perfluorodecane Sulfonic Acid (PFDS)	EPA 1633	10123463	Extractable Organics	1/31/2024
6905	Perfluorodecanoic Acid (PFDA)	EPA 1633	10123463	Extractable Organics	1/31/2024
6923	Perfluorododecane Sulfonic Acid (PFDoS)	EPA 1633	10123463	Extractable Organics	1/31/2024
6903	Perfluorododecanoic Acid (PFDoA)	EPA 1633	10123463	Extractable Organics	1/31/2024
9470	Perfluoroheptane Sulfonic Acid (PFHpS)	EPA 1633	10123463	Extractable Organics	1/31/2024
6908	Perfluoroheptanoic Acid (PFHpA)	EPA 1633	10123463	Extractable Organics	1/31/2024
6927	Perfluorohexane Sulfonic Acid (PFHxS)	EPA 1633	10123463	Extractable Organics	1/31/2024
6913	Perfluorohexanoic Acid (PFHxA)	EPA 1633	10123463	Extractable Organics	1/31/2024
6929	Perfluorononane Sulfonic Acid (PFNS)	EPA 1633	10123463	Extractable Organics	1/31/2024
6906	Perfluorononanoic Acid (PFNA)	EPA 1633	10123463	Extractable Organics	1/31/2024
6917	Perfluorooctane sulfonamide (PFOSA)	EPA 1633	10123463	Extractable Organics	1/31/2024
6931	Perfluorooctane sulfonic acid (PFOS)	EPA 1633	10123463	Extractable Organics	1/31/2024
6912	Perfluorooctanoic Acid (PFOA)	EPA 1633	10123463	Extractable Organics	1/31/2024



Laboratory Scope of Accreditation

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State Laboratory ID: E87052

EPA Lab Code: GA00006

(912) 354-7858

E87052

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Matrix: Solid and Chemical Materials

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
6934	Perfluoropentane Sulfonic Acid (PFPeS)	EPA 1633	10123463	Extractable Organics	1/31/2024
6914	Perfluoropentanoic Acid (PFPeA)	EPA 1633	10123463	Extractable Organics	1/31/2024
6902	Perfluorotetradecanoic acid (PFTDA)	EPA 1633	10123463	Extractable Organics	1/31/2024
9563	Perfluorotridecanoic acid (PFTrDA)	EPA 1633	10123463	Extractable Organics	1/31/2024
6904	Perfluoroundecanoic acid (PFUnDA)	EPA 1633	10123463	Extractable Organics	1/31/2024
1900	pH	EPA 9045D	10198455	General Chemistry	1/5/2024
6610	Phenacetin	EPA 8270E	10242543	Extractable Organics	1/5/2024
6615	Phenanthrene	EPA 8270E	10242543	Extractable Organics	1/5/2024
6625	Phenol	EPA 8270E	10242543	Extractable Organics	1/5/2024
7985	Phorate	EPA 8270E	10242543	Pesticides-Herbicides-PCB's	1/5/2024
1910	Phosphorus, total	EPA 365.4	10071202	General Chemistry	12/2/2005
1910	Phosphorus, total	EPA 6010D	10155950	Metals	1/5/2024
8645	Picloram	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	1/5/2024
1125	Potassium	EPA 6010D	10155950	Metals	1/5/2024
1125	Potassium	EPA 6020B	10156420	Metals	1/5/2024
6650	Pronamide (Kerb)	EPA 8270E	10242543	Extractable Organics	1/5/2024
6665	Pyrene	EPA 8270E	10242543	Extractable Organics	1/5/2024
5095	Pyridine	EPA 8270E	10242543	Extractable Organics	1/5/2024
6685	Safrole	EPA 8270E	10242543	Extractable Organics	1/5/2024
1140	Selenium	EPA 6010D	10155950	Metals	1/5/2024
1140	Selenium	EPA 6020B	10156420	Metals	1/5/2024
1150	Silver	EPA 6010D	10155950	Metals	1/5/2024
1150	Silver	EPA 6020B	10156420	Metals	1/5/2024
8650	Silvex (2,4,5-TP)	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	1/5/2024
1155	Sodium	EPA 6010D	10155950	Metals	1/5/2024
1155	Sodium	EPA 6020B	10156420	Metals	1/5/2024
1160	Strontium	EPA 6010D	10155950	Metals	1/5/2024
2000	Sulfate	EPA 300.0	10053200	General Chemistry	7/30/2007
2000	Sulfate	EPA 9038	10196608	General Chemistry	2/6/2002
2000	Sulfate	EPA 9056A	10199607	General Chemistry	1/5/2024
2005	Sulfide	EPA 9030B	10195605	General Chemistry	1/5/2024
2005	Sulfide	EPA 9034	10196006	General Chemistry	2/6/2002
8155	Sulfotepp	EPA 8270E	10242543	Pesticides-Herbicides-PCB's	1/5/2024
1460	Synthetic Precipitation Leaching Procedure (SPLP)	EPA 1312	10119003	General Chemistry	2/6/2002
4370	T-amylmethylether (TAME)	EPA 8260D	10307127	Volatile Organics	1/5/2024
4420	tert-Butyl alcohol (2-Methyl-2-propanol)	EPA 8015C	10173816	Volatile Organics	1/5/2024

Clients and Customers are urged to verify the laboratory's current certification status with the Environmental Laboratory Certification Program. Certification Type **NELAP**
Issue Date: 7/1/2024 Expiration Date: 6/30/2025



Laboratory Scope of Accreditation

Attachment to Certificate #: E87052-83, expiration date June 30, 2025. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: E87052 EPA Lab Code: GA00006 (912) 354-7858

E87052
Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Matrix: Solid and Chemical Materials

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
4420	tert-Butyl alcohol (2-Methyl-2-propanol)	EPA 8260D	10307127	Volatile Organics	1/5/2024
4445	tert-Butylbenzene	EPA 8260D	10307127	Volatile Organics	1/5/2024
5115	Tetrachloroethylene (Perchloroethylene)	EPA 8260D	10307127	Volatile Organics	1/5/2024
1165	Thallium	EPA 6010D	10155950	Metals	1/5/2024
1165	Thallium	EPA 6020B	10156420	Metals	1/5/2024
8235	Thionazin (Zinophos)	EPA 8270E	10242543	Pesticides-Herbicides-PCB's	1/5/2024
1175	Tin	EPA 6010D	10155950	Metals	1/5/2024
1180	Titanium	EPA 6010D	10155950	Metals	1/5/2024
5140	Toluene	EPA 8260D	10307127	Volatile Organics	1/5/2024
1645	Total cyanide	EPA 9012B	10243228	General Chemistry	1/5/2024
1825	Total nitrate-nitrite	EPA 353.2	10067604	General Chemistry	12/2/2005
1825	Total nitrate-nitrite	EPA 9056A	10199607	General Chemistry	1/5/2024
1827	Total Nitrogen	TKN + Total Nitrate-Nitrite	60034459	General Chemistry	7/30/2007
2050	Total Petroleum Hydrocarbons (TPH)	FL-PRO	90015808	Extractable Organics	9/15/2022
1905	Total phenolics	EPA 9065	10200405	General Chemistry	2/6/2002
8250	Toxaphene (Chlorinated camphene)	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
1466	Toxicity Characteristic Leaching Procedure (TCLP)	EPA 1311	10118806	General Chemistry	2/6/2002
4700	trans-1,2-Dichloroethylene	EPA 8260D	10307127	Volatile Organics	1/5/2024
4685	trans-1,3-Dichloropropene	EPA 8260D	10307127	Volatile Organics	1/5/2024
4605	trans-1,4-Dichloro-2-butene	EPA 8260D	10307127	Volatile Organics	1/5/2024
5170	Trichloroethene (Trichloroethylene)	EPA 8260D	10307127	Volatile Organics	1/5/2024
5175	Trichlorofluoromethane	EPA 8260D	10307127	Volatile Organics	1/5/2024
1185	Vanadium	EPA 6010D	10155950	Metals	1/5/2024
1185	Vanadium	EPA 6020B	10156420	Metals	1/5/2024
5225	Vinyl acetate	EPA 8260D	10307127	Volatile Organics	1/5/2024
5235	Vinyl chloride	EPA 8260D	10307127	Volatile Organics	1/5/2024
5260	Xylene (total)	EPA 8260D	10307127	Volatile Organics	1/5/2024
1190	Zinc	EPA 6010D	10155950	Metals	1/5/2024
1190	Zinc	EPA 6020B	10156420	Metals	1/5/2024

Mission:

To protect, promote and improve the health of all people in Florida through integrated state, county and community efforts.



Ron DeSantis
Governor

Joseph A. Ladapo, MD, PhD
State Surgeon General

Vision: To be the **Healthiest State** in the Nation

July 24, 2024
I.D. #: E87689

Eurofins St. Louis
13715 Rider Trail North
Earth City, MO 63045

Dear Laboratory Director:

Based on the authority mandated by sections 381.00591, 403.0625 and 403.863 Florida Statutes and chapter 64E-1 FAC, I hereby declare that

Eurofins St. Louis

is granted certification to perform analyses in the following Fields of Accreditation on environmental samples:

Drinking Water – Radiochemistry; Non-Potable Water – General Chemistry, Metals, Radiochemistry; Solid and Chemical Materials – Metals, Radiochemistry

Certification in this case specifies that the above named laboratory has met the minimum requirements for a certified laboratory as set forth in section 64E-1.102 FAC.

This certification is effective as July 1, 2024, and shall be in effect until June 30, 2025, or until revoked by the Florida Department of Health.

If I can be of any further assistance, feel free to call the certification program office at (904) 791-1599.

Sincerely,

Vanessa Soto Contreras
Program Administrator
Environmental Laboratory Certification Program

VSC\nlc





State of Florida
 Department of Health, Bureau of Public Health Laboratories
 This is to certify that

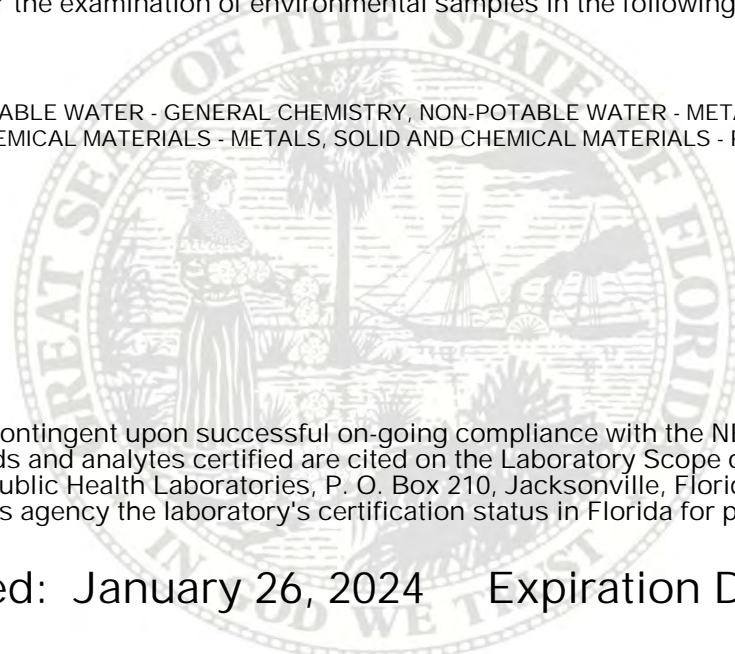


E87689

EUROFINS ST. LOUIS
 13715 RIDER TRAIL NORTH
 EARTH CITY, MO 63045

has complied with Florida Administrative Code 64E-1,
 for the examination of environmental samples in the following categories

DRINKING WATER - RADIOCHEMISTRY, NON-POTABLE WATER - GENERAL CHEMISTRY, NON-POTABLE WATER - METALS, NON-POTABLE WATER
 - RADIOCHEMISTRY, SOLID AND CHEMICAL MATERIALS - METALS, SOLID AND CHEMICAL MATERIALS - RADIOCHEMISTRY



Continued certification is contingent upon successful on-going compliance with the NELAC Standards and FAC Rule 64E-1 regulations. Specific methods and analytes certified are cited on the Laboratory Scope of Accreditation for this laboratory and are on file at the Bureau of Public Health Laboratories, P. O. Box 210, Jacksonville, Florida 32231. Clients and customers are urged to verify with this agency the laboratory's certification status in Florida for particular methods and analytes.

Date Issued: January 26, 2024 Expiration Date: June 30, 2024



Marie-Claire Rowlinson, PhD, D(ABMM)
 Bureau of Public Health Laboratories
 DH Form 1697, 7/04

NON-TRANSFERABLE E87689-72-01/26/2024
 Supersedes all previously issued certificates



Laboratory Scope of Accreditation

Attachment to Certificate #: E87689-72, expiration date June 30, 2024. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: E87689 EPA Lab Code: MO00054 (314) 298-8566

E87689
Eurofins St. Louis
13715 Rider Trail North
Earth City, MO 63045

Matrix: Drinking Water

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
2830	Gross Alpha	EPA 900.0 (GPC)	10242634	Radiochemistry	12/6/2023
2830	Gross Alpha	SM 7110 C	20159028	Radiochemistry	12/8/2022
2840	Gross Beta	EPA 900.0 (GPC)	10242634	Radiochemistry	12/6/2023
3042	Isotopic Uranium	DOE U-02-RC	90011408	Radiochemistry	8/15/2018
2965	Radium-226	EPA 903.0	10309407	Radiochemistry	3/31/2015
2970	Radium-228	EPA 904.0	10309805	Radiochemistry	12/10/2008
2985	Radon	SM 7500-Rn B	20173733	Radiochemistry	8/15/2018
2980	Radon-222	ST-RC-0222 / LSC	60051878	Radiochemistry	7/1/2020
1143	Selenium-79	ST-RC-0079 / LSC	60051845	Radiochemistry	7/1/2020
3005	Strontium-90	DOE Sr-02	90009000	Radiochemistry	12/10/2008
3005	Strontium-90	DOE Sr-03-RC	90009806	Radiochemistry	12/10/2008
3005	Strontium-90	EPA 905.0	10310006	Radiochemistry	12/10/2008
3030	Tritium	EPA 906.0	10310200	Radiochemistry	12/10/2008
3055	Uranium (activity)	DOE U-02	90011204	Radiochemistry	8/15/2018
1184	Uranium (mass)	EPA 200.8	10014605	Radiochemistry	8/15/2018



Laboratory Scope of Accreditation

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State Laboratory ID: E87689 EPA Lab Code: MO00054 (314) 298-8566

E87689
Eurofins St. Louis
13715 Rider Trail North
Earth City, MO 63045

Matrix: Non-Potable Water

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
1000	Aluminum	EPA 200.7	10013806	General Chemistry,Metals	7/1/2013
1000	Aluminum	EPA 200.8	10014605	Metals	7/1/2013
1000	Aluminum	EPA 6010D	10155950	Metals	12/12/2022
1000	Aluminum	EPA 6020B	10156420	Metals	12/12/2022
1005	Antimony	EPA 200.7	10013806	Metals	7/1/2013
1005	Antimony	EPA 200.8	10014605	Metals	7/1/2013
1005	Antimony	EPA 6010D	10155950	Metals	12/12/2022
1005	Antimony	EPA 6020B	10156420	Metals	12/12/2022
1010	Arsenic	EPA 200.7	10013806	General Chemistry,Metals	7/1/2013
1010	Arsenic	EPA 200.8	10014605	Metals	7/1/2013
1010	Arsenic	EPA 6010D	10155950	Metals	12/12/2022
1010	Arsenic	EPA 6020B	10156420	Metals	12/12/2022
1015	Barium	EPA 200.7	10013806	Metals	7/1/2013
1015	Barium	EPA 200.8	10014605	Metals	7/1/2013
1015	Barium	EPA 6010D	10155950	Metals	12/12/2022
1015	Barium	EPA 6020B	10156420	Metals	12/12/2022
1020	Beryllium	EPA 200.7	10013806	General Chemistry,Metals	7/1/2013
1020	Beryllium	EPA 200.8	10014605	Metals	7/1/2013
1020	Beryllium	EPA 6010D	10155950	Metals	12/12/2022
1020	Beryllium	EPA 6020B	10156420	Metals	12/12/2022
1025	Boron	EPA 200.7	10013806	Metals	7/1/2013
1025	Boron	EPA 6010D	10155950	Metals	12/12/2022
1025	Boron	EPA 6020B	10156420	Metals	12/12/2022
1030	Cadmium	EPA 200.7	10013806	General Chemistry,Metals	7/1/2013
1030	Cadmium	EPA 200.8	10014605	Metals	7/1/2013
1030	Cadmium	EPA 6010D	10155950	Metals	12/12/2022
1030	Cadmium	EPA 6020B	10156420	Metals	12/12/2022
1035	Calcium	EPA 200.7	10013806	General Chemistry,Metals	7/1/2013
1035	Calcium	EPA 6010D	10155950	Metals	12/12/2022
1035	Calcium	EPA 6020B	10156420	Metals	12/12/2022
1040	Chromium	EPA 200.7	10013806	Metals	7/1/2013
1040	Chromium	EPA 200.8	10014605	Metals	7/1/2013
1040	Chromium	EPA 6010D	10155950	Metals	12/12/2022
1040	Chromium	EPA 6020B	10156420	Metals	12/12/2022
1050	Cobalt	EPA 200.7	10013806	Metals	7/1/2013
1050	Cobalt	EPA 200.8	10014605	Metals	7/1/2013



Laboratory Scope of Accreditation

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State Laboratory ID: E87689 EPA Lab Code: MO00054 (314) 298-8566

E87689
Eurofins St. Louis
13715 Rider Trail North
Earth City, MO 63045

Matrix: Non-Potable Water

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
1050	Cobalt	EPA 6010D	10155950	Metals	12/12/2022
1050	Cobalt	EPA 6020B	10156420	Metals	12/12/2022
1055	Copper	EPA 200.7	10013806	General Chemistry,Metals	7/1/2013
1055	Copper	EPA 200.8	10014605	Metals	7/1/2013
1055	Copper	EPA 6010D	10155950	Metals	12/12/2022
1055	Copper	EPA 6020B	10156420	Metals	12/12/2022
2826	Gamma Emitters	EPA 901.1	10308608	Radiochemistry	7/1/2013
2830	Gross Alpha	EPA 900.0	10308200	Radiochemistry	7/1/2013
2830	Gross Alpha	EPA 900.0 (GPC)	10242634	Radiochemistry	10/20/2023
2830	Gross Alpha	EPA 9310	10310802	Radiochemistry	7/1/2013
2840	Gross Beta	EPA 900.0	10308200	Radiochemistry	7/1/2013
2840	Gross Beta	EPA 900.0 (GPC)	10242634	Radiochemistry	10/20/2023
2840	Gross Beta	EPA 9310	10310802	Radiochemistry	7/1/2013
1070	Iron	EPA 200.7	10013806	Metals	7/1/2013
1070	Iron	EPA 6010D	10155950	Metals	12/12/2022
1070	Iron	EPA 6020B	10156420	Metals	12/12/2022
1075	Lead	EPA 200.7	10013806	General Chemistry,Metals	7/1/2013
1075	Lead	EPA 200.8	10014605	Metals	7/1/2013
1075	Lead	EPA 6010D	10155950	Metals	12/12/2022
1075	Lead	EPA 6020B	10156420	Metals	12/12/2022
1080	Lithium	EPA 6010D	10155950	Metals	12/12/2022
1085	Magnesium	EPA 200.7	10013806	General Chemistry,Metals	7/1/2013
1085	Magnesium	EPA 200.8	10014605	Metals	7/1/2013
1085	Magnesium	EPA 6010D	10155950	Metals	12/12/2022
1085	Magnesium	EPA 6020B	10156420	Metals	12/12/2022
1090	Manganese	EPA 200.7	10013806	General Chemistry,Metals	7/1/2013
1090	Manganese	EPA 200.8	10014605	Metals	7/1/2013
1090	Manganese	EPA 6010D	10155950	Metals	12/12/2022
1090	Manganese	EPA 6020B	10156420	Metals	12/12/2022
1095	Mercury	EPA 245.1	10036609	Metals	7/1/2013
1095	Mercury	EPA 7470A	10165807	Metals	12/12/2022
1100	Molybdenum	EPA 200.7	10013806	Metals	7/1/2013
1100	Molybdenum	EPA 200.8	10014605	Metals	7/1/2013
1100	Molybdenum	EPA 6010D	10155950	Metals	12/12/2022
1100	Molybdenum	EPA 6020B	10156420	Metals	12/12/2022
1105	Nickel	EPA 200.7	10013806	General Chemistry,Metals	7/1/2013



Laboratory Scope of Accreditation

Attachment to Certificate #: E87689-72, expiration date June 30, 2024. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: E87689

EPA Lab Code: MO00054

(314) 298-8566

E87689

Eurofins St. Louis
13715 Rider Trail North
Earth City, MO 63045

Matrix: Non-Potable Water

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
1105	Nickel	EPA 200.8	10014605	Metals	7/1/2013
1105	Nickel	EPA 6010D	10155950	Metals	12/12/2022
1105	Nickel	EPA 6020B	10156420	Metals	12/12/2022
1125	Potassium	EPA 200.7	10013806	Metals	7/1/2013
1125	Potassium	EPA 6010D	10155950	Metals	12/12/2022
1125	Potassium	EPA 6020B	10156420	Metals	12/12/2022
2965	Radium-226	EPA 903.0	10309407	Radiochemistry	7/1/2013
2970	Radium-228	EPA 904.0	10309805	Radiochemistry	7/1/2013
2970	Radium-228	EPA 9320	10208603	Radiochemistry	7/1/2013
1140	Selenium	EPA 200.7	10013806	Metals	7/1/2013
1140	Selenium	EPA 200.8	10014605	Metals	7/1/2013
1140	Selenium	EPA 6010D	10155950	Metals	12/12/2022
1140	Selenium	EPA 6020B	10156420	Metals	12/12/2022
1990	Silica as SiO2	EPA 200.7	10013806	Metals	6/12/2023
1145	Silicon	EPA 6010D	10155950	Metals	6/12/2023
1150	Silver	EPA 200.7	10013806	Metals	7/1/2013
1150	Silver	EPA 200.8	10014605	Metals	7/1/2013
1150	Silver	EPA 6010D	10155950	Metals	12/12/2022
1150	Silver	EPA 6020B	10156420	Metals	12/12/2022
1155	Sodium	EPA 200.7	10013806	Metals	7/1/2013
1155	Sodium	EPA 6010D	10155950	Metals	12/12/2022
1155	Sodium	EPA 6020B	10156420	Metals	12/12/2022
1160	Strontium	EPA 200.7	10013806	Metals	7/1/2013
1160	Strontium	EPA 6010D	10155950	Metals	12/12/2022
1160	Strontium	EPA 6020B	10156420	Metals	12/12/2022
3005	Strontium-90	DOE Sr-03-RC	90009806	Radiochemistry	7/1/2013
3005	Strontium-90	EPA 905.0	10310006	Radiochemistry	7/1/2013
1165	Thallium	EPA 200.7	10013806	Metals	7/1/2013
1165	Thallium	EPA 200.8	10014605	Metals	7/1/2013
1165	Thallium	EPA 6010D	10155950	Metals	12/12/2022
1165	Thallium	EPA 6020B	10156420	Metals	12/12/2022
1170	Thorium	EPA 200.8	10014605	Metals	7/1/2013
1170	Thorium	EPA 6020B	10156420	Metals	12/12/2022
1175	Tin	EPA 200.7	10013806	Metals	7/1/2013
1175	Tin	EPA 6010D	10155950	Metals	12/12/2022
1175	Tin	EPA 6020B	10156420	Metals	12/12/2022

Clients and Customers are urged to verify the laboratory's current certification status with the Environmental Laboratory Certification Program.

Certification Type **NELAP**

Issue Date: 1/26/2024

Expiration Date: 6/30/2024



Laboratory Scope of Accreditation

Attachment to Certificate #: E87689-72, expiration date June 30, 2024. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: E87689 EPA Lab Code: MO00054 (314) 298-8566

E87689
Eurofins St. Louis
13715 Rider Trail North
Earth City, MO 63045

Matrix: Non-Potable Water

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
1180	Titanium	EPA 200.7	10013806	Metals	7/1/2013
1180	Titanium	EPA 6010D	10155950	Metals	12/12/2022
1180	Titanium	EPA 6020B	10156420	Metals	12/12/2022
2975	Total radium	EPA 903.0	10309407	Radiochemistry	4/21/2020
2975	Total radium	EPA 9315	10311009	Radiochemistry	7/1/2013
3030	Tritium	EPA 906.0	10310200	Radiochemistry	7/1/2013
1184	Uranium (mass)	EPA 200.8	10014605	Metals	7/1/2013
1184	Uranium (mass)	EPA 6020B	10156420	Metals	12/12/2022
1185	Vanadium	EPA 200.7	10013806	General Chemistry, Metals	7/1/2013
1185	Vanadium	EPA 200.8	10014605	Metals	7/1/2013
1185	Vanadium	EPA 6010D	10155950	Metals	12/12/2022
1185	Vanadium	EPA 6020B	10156420	Metals	12/12/2022
1190	Zinc	EPA 200.7	10013806	General Chemistry, Metals	7/1/2013
1190	Zinc	EPA 200.8	10014605	Metals	7/1/2013
1190	Zinc	EPA 6010D	10155950	Metals	12/12/2022
1190	Zinc	EPA 6020B	10156420	Metals	12/12/2022



Laboratory Scope of Accreditation

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State Laboratory ID: E87689 EPA Lab Code: MO00054 (314) 298-8566

E87689
Eurofins St. Louis
13715 Rider Trail North
Earth City, MO 63045

Matrix: Solid and Chemical Materials

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
1000	Aluminum	EPA 6010D	10155950	Metals	12/12/2022
1000	Aluminum	EPA 6020B	10156420	Metals	12/12/2022
1005	Antimony	EPA 6010D	10155950	Metals	12/12/2022
1005	Antimony	EPA 6020B	10156420	Metals	12/12/2022
1010	Arsenic	EPA 6010D	10155950	Metals	12/12/2022
1010	Arsenic	EPA 6020B	10156420	Metals	12/12/2022
1015	Barium	EPA 6010D	10155950	Metals	12/12/2022
1015	Barium	EPA 6020B	10156420	Metals	12/12/2022
1020	Beryllium	EPA 6010D	10155950	Metals	12/12/2022
1020	Beryllium	EPA 6020B	10156420	Metals	12/12/2022
1025	Boron	EPA 6010D	10155950	Metals	12/12/2022
1025	Boron	EPA 6020B	10156420	Metals	12/12/2022
1030	Cadmium	EPA 6010D	10155950	Metals	12/12/2022
1030	Cadmium	EPA 6020B	10156420	Metals	12/12/2022
1035	Calcium	EPA 6010D	10155950	Metals	12/12/2022
1035	Calcium	EPA 6020B	10156420	Metals	12/12/2022
1040	Chromium	EPA 6010D	10155950	Metals	12/12/2022
1040	Chromium	EPA 6020B	10156420	Metals	12/12/2022
1050	Cobalt	EPA 6010D	10155950	Metals	12/12/2022
1050	Cobalt	EPA 6020B	10156420	Metals	12/12/2022
1055	Copper	EPA 6010D	10155950	Metals	12/12/2022
1055	Copper	EPA 6020B	10156420	Metals	12/12/2022
2830	Gross Alpha	EPA 9310	10310802	Radiochemistry	7/1/2013
2840	Gross Beta	EPA 9310	10310802	Radiochemistry	7/1/2013
1070	Iron	EPA 6010D	10155950	Metals	12/12/2022
1070	Iron	EPA 6020B	10156420	Metals	12/12/2022
1075	Lead	EPA 6010D	10155950	Metals	12/12/2022
1075	Lead	EPA 6020B	10156420	Metals	12/12/2022
1080	Lithium	EPA 6010D	10155950	Metals	12/12/2022
1085	Magnesium	EPA 6010D	10155950	Metals	12/12/2022
1085	Magnesium	EPA 6020B	10156420	Metals	12/12/2022
1090	Manganese	EPA 6010D	10155950	Metals	12/12/2022
1090	Manganese	EPA 6020B	10156420	Metals	12/12/2022
1095	Mercury	EPA 7471B	10166457	Metals	12/12/2022
1100	Molybdenum	EPA 6010D	10155950	Metals	12/12/2022
1100	Molybdenum	EPA 6020B	10156420	Metals	12/12/2022



Laboratory Scope of Accreditation

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State Laboratory ID: E87689 EPA Lab Code: MO00054 (314) 298-8566

E87689
Eurofins St. Louis
13715 Rider Trail North
Earth City, MO 63045

Matrix: Solid and Chemical Materials

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
1105	Nickel	EPA 6010D	10155950	Metals	12/12/2022
1105	Nickel	EPA 6020B	10156420	Metals	12/12/2022
1125	Potassium	EPA 6010D	10155950	Metals	12/12/2022
1125	Potassium	EPA 6020B	10156420	Metals	12/12/2022
2970	Radium-228	EPA 9320	10208603	Radiochemistry	7/1/2013
1140	Selenium	EPA 6010D	10155950	Metals	12/12/2022
1140	Selenium	EPA 6020B	10156420	Metals	12/12/2022
1145	Silicon	EPA 6010D	10155950	Metals	12/12/2022
1150	Silver	EPA 6010D	10155950	Metals	12/12/2022
1150	Silver	EPA 6020B	10156420	Metals	12/12/2022
1155	Sodium	EPA 6010D	10155950	Metals	12/12/2022
1155	Sodium	EPA 6020B	10156420	Metals	12/12/2022
1160	Strontium	EPA 6010D	10155950	Metals	12/12/2022
1160	Strontium	EPA 6020B	10156420	Metals	12/12/2022
1165	Thallium	EPA 6010D	10155950	Metals	12/12/2022
1165	Thallium	EPA 6020B	10156420	Metals	12/12/2022
1175	Tin	EPA 6010D	10155950	Metals	12/12/2022
1175	Tin	EPA 6020B	10156420	Metals	12/12/2022
1180	Titanium	EPA 6010D	10155950	Metals	12/12/2022
1180	Titanium	EPA 6020B	10156420	Metals	12/12/2022
2975	Total radium	EPA 9315	10311009	Radiochemistry	7/1/2013
1184	Uranium (mass)	EPA 6020B	10156420	Metals	12/12/2022
1185	Vanadium	EPA 6010D	10155950	Metals	12/12/2022
1185	Vanadium	EPA 6020B	10156420	Metals	12/12/2022
1190	Zinc	EPA 6010D	10155950	Metals	12/12/2022
1190	Zinc	EPA 6020B	10156420	Metals	12/12/2022



State of Florida
Department of Health, Bureau of Public Health Laboratories
This is to certify that

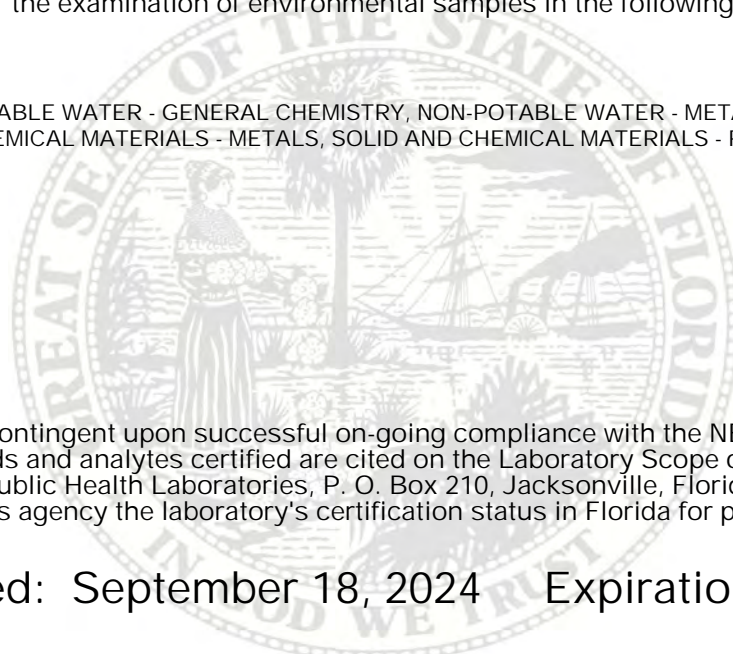


E87689

EUROFINS ST. LOUIS
13715 RIDER TRAIL NORTH
EARTH CITY, MO 63045

has complied with Florida Administrative Code 64E-1,
for the examination of environmental samples in the following categories

DRINKING WATER - RADIOCHEMISTRY, NON-POTABLE WATER - GENERAL CHEMISTRY, NON-POTABLE WATER - METALS, NON-POTABLE WATER
- RADIOCHEMISTRY, SOLID AND CHEMICAL MATERIALS - METALS, SOLID AND CHEMICAL MATERIALS - RADIOCHEMISTRY



Continued certification is contingent upon successful on-going compliance with the NELAC Standards and FAC Rule 64E-1 regulations. Specific methods and analytes certified are cited on the Laboratory Scope of Accreditation for this laboratory and are on file at the Bureau of Public Health Laboratories, P. O. Box 210, Jacksonville, Florida 32231. Clients and customers are urged to verify with this agency the laboratory's certification status in Florida for particular methods and analytes.

Date Issued: September 18, 2024 Expiration Date: June 30, 2025



Marie-Claire Rowlinson, PhD, D(ABMM)
Bureau of Public Health Laboratories
DH Form 1697, 7/04

NON-TRANSFERABLE E87689-74-09/18/2024
Supersedes all previously issued certificates



Laboratory Scope of Accreditation

Attachment to Certificate #: E87689-74, expiration date June 30, 2025. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: **E87689**

EPA Lab Code: **MO00054**

(314) 298-8566

E87689

**Eurofins St. Louis
13715 Rider Trail North
Earth City, MO 63045**

Matrix: **Drinking Water**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
2830	Gross Alpha	EPA 900.0 (GPC)	10242634	Radiochemistry	12/6/2023
2830	Gross Alpha	SM 7110 C	20159028	Radiochemistry	12/8/2022
2840	Gross Beta	EPA 900.0 (GPC)	10242634	Radiochemistry	12/6/2023
3045	Isotopic uranium	DOE U-02-RC	90011408	Radiochemistry	8/15/2018
2965	Radium-226	EPA 903.0	10309407	Radiochemistry	3/31/2015
2970	Radium-228	EPA 904.0	10309805	Radiochemistry	12/10/2008
2985	Radon	SM 7500-Rn B	20173733	Radiochemistry	8/15/2018
2980	Radon-222	ST-RC-0222 / LSC	60051878	Radiochemistry	7/1/2020
1143	Selenium-79	ST-RC-0079 / LSC	60051845	Radiochemistry	7/1/2020
3005	Strontium-90	EPA 905.0	10310006	Radiochemistry	12/10/2008
3030	Tritium	EPA 906.0	10310200	Radiochemistry	12/10/2008
1184	Uranium (mass)	EPA 200.8	10014605	Radiochemistry	8/15/2018



Laboratory Scope of Accreditation

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EPA Lab Code: **MO00054**

(314) 298-8566

E87689

**Eurofins St. Louis
13715 Rider Trail North
Earth City, MO 63045**

Matrix: **Non-Potable Water**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
1000	Aluminum	EPA 200.7	10013806	General Chemistry,Metals	7/1/2013
1000	Aluminum	EPA 200.8	10014605	Metals	7/1/2013
1000	Aluminum	EPA 6010D	10155950	Metals	12/12/2022
1000	Aluminum	EPA 6020B	10156420	Metals	12/12/2022
1005	Antimony	EPA 200.7	10013806	Metals	7/1/2013
1005	Antimony	EPA 200.8	10014605	Metals	7/1/2013
1005	Antimony	EPA 6010D	10155950	Metals	12/12/2022
1005	Antimony	EPA 6020B	10156420	Metals	12/12/2022
1010	Arsenic	EPA 200.7	10013806	General Chemistry,Metals	7/1/2013
1010	Arsenic	EPA 200.8	10014605	Metals	7/1/2013
1010	Arsenic	EPA 6010D	10155950	Metals	12/12/2022
1010	Arsenic	EPA 6020B	10156420	Metals	12/12/2022
1015	Barium	EPA 200.7	10013806	Metals	7/1/2013
1015	Barium	EPA 200.8	10014605	Metals	7/1/2013
1015	Barium	EPA 6010D	10155950	Metals	12/12/2022
1015	Barium	EPA 6020B	10156420	Metals	12/12/2022
1020	Beryllium	EPA 200.7	10013806	General Chemistry,Metals	7/1/2013
1020	Beryllium	EPA 200.8	10014605	Metals	7/1/2013
1020	Beryllium	EPA 6010D	10155950	Metals	12/12/2022
1020	Beryllium	EPA 6020B	10156420	Metals	12/12/2022
1025	Boron	EPA 200.7	10013806	Metals	7/1/2013
1025	Boron	EPA 6010D	10155950	Metals	12/12/2022
1025	Boron	EPA 6020B	10156420	Metals	12/12/2022
1030	Cadmium	EPA 200.7	10013806	General Chemistry,Metals	7/1/2013
1030	Cadmium	EPA 200.8	10014605	Metals	7/1/2013
1030	Cadmium	EPA 6010D	10155950	Metals	12/12/2022
1030	Cadmium	EPA 6020B	10156420	Metals	12/12/2022
1035	Calcium	EPA 200.7	10013806	General Chemistry,Metals	7/1/2013
1035	Calcium	EPA 6010D	10155950	Metals	12/12/2022
1035	Calcium	EPA 6020B	10156420	Metals	12/12/2022
1040	Chromium	EPA 200.7	10013806	Metals	7/1/2013
1040	Chromium	EPA 200.8	10014605	Metals	7/1/2013
1040	Chromium	EPA 6010D	10155950	Metals	12/12/2022
1040	Chromium	EPA 6020B	10156420	Metals	12/12/2022
1050	Cobalt	EPA 200.7	10013806	Metals	7/1/2013
1050	Cobalt	EPA 200.8	10014605	Metals	7/1/2013

Clients and Customers are urged to verify the laboratory's current certification status with the Environmental Laboratory Certification Program.

Certification Type **NELAP**

Issue Date: 9/18/2024

Expiration Date: 6/30/2025



Laboratory Scope of Accreditation

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State Laboratory ID: **E87689**

EPA Lab Code: **MO00054**

(314) 298-8566

E87689

**Eurofins St. Louis
13715 Rider Trail North
Earth City, MO 63045**

Matrix: **Non-Potable Water**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
1050	Cobalt	EPA 6010D	10155950	Metals	12/12/2022
1050	Cobalt	EPA 6020B	10156420	Metals	12/12/2022
1055	Copper	EPA 200.7	10013806	General Chemistry,Metals	7/1/2013
1055	Copper	EPA 200.8	10014605	Metals	7/1/2013
1055	Copper	EPA 6010D	10155950	Metals	12/12/2022
1055	Copper	EPA 6020B	10156420	Metals	12/12/2022
2826	Gamma Emitters	EPA 901.1	10308608	Radiochemistry	7/1/2013
2830	Gross Alpha	EPA 900.0	10308200	Radiochemistry	7/1/2013
2830	Gross Alpha	EPA 900.0 (GPC)	10242634	Radiochemistry	10/20/2023
2830	Gross Alpha	EPA 9310	10310802	Radiochemistry	7/1/2013
2840	Gross Beta	EPA 900.0	10308200	Radiochemistry	7/1/2013
2840	Gross Beta	EPA 900.0 (GPC)	10242634	Radiochemistry	10/20/2023
2840	Gross Beta	EPA 9310	10310802	Radiochemistry	7/1/2013
1070	Iron	EPA 200.7	10013806	Metals	7/1/2013
1070	Iron	EPA 6010D	10155950	Metals	12/12/2022
1070	Iron	EPA 6020B	10156420	Metals	12/12/2022
1075	Lead	EPA 200.7	10013806	General Chemistry,Metals	7/1/2013
1075	Lead	EPA 200.8	10014605	Metals	7/1/2013
1075	Lead	EPA 6010D	10155950	Metals	12/12/2022
1075	Lead	EPA 6020B	10156420	Metals	12/12/2022
1080	Lithium	EPA 6010D	10155950	Metals	12/12/2022
1085	Magnesium	EPA 200.7	10013806	General Chemistry,Metals	7/1/2013
1085	Magnesium	EPA 200.8	10014605	Metals	7/1/2013
1085	Magnesium	EPA 6010D	10155950	Metals	12/12/2022
1085	Magnesium	EPA 6020B	10156420	Metals	12/12/2022
1090	Manganese	EPA 200.7	10013806	General Chemistry,Metals	7/1/2013
1090	Manganese	EPA 200.8	10014605	Metals	7/1/2013
1090	Manganese	EPA 6010D	10155950	Metals	12/12/2022
1090	Manganese	EPA 6020B	10156420	Metals	12/12/2022
1095	Mercury	EPA 245.1	10036609	Metals	7/1/2013
1095	Mercury	EPA 7470A	10165807	Metals	12/12/2022
1100	Molybdenum	EPA 200.7	10013806	Metals	7/1/2013
1100	Molybdenum	EPA 200.8	10014605	Metals	7/1/2013
1100	Molybdenum	EPA 6010D	10155950	Metals	12/12/2022
1100	Molybdenum	EPA 6020B	10156420	Metals	12/12/2022
1105	Nickel	EPA 200.7	10013806	General Chemistry,Metals	7/1/2013

Clients and Customers are urged to verify the laboratory's current certification status with the Environmental Laboratory Certification Program.

Certification Type **NELAP**
Issue Date: 9/18/2024 **Expiration Date: 6/30/2025**



Laboratory Scope of Accreditation

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State Laboratory ID: **E87689**

EPA Lab Code: **MO00054**

(314) 298-8566

E87689

**Eurofins St. Louis
13715 Rider Trail North
Earth City, MO 63045**

Matrix: **Non-Potable Water**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
1105	Nickel	EPA 200.8	10014605	Metals	7/1/2013
1105	Nickel	EPA 6010D	10155950	Metals	12/12/2022
1105	Nickel	EPA 6020B	10156420	Metals	12/12/2022
1125	Potassium	EPA 200.7	10013806	Metals	7/1/2013
1125	Potassium	EPA 6010D	10155950	Metals	12/12/2022
1125	Potassium	EPA 6020B	10156420	Metals	12/12/2022
2965	Radium-226	EPA 903.0	10309407	Radiochemistry	7/1/2013
2970	Radium-228	EPA 904.0	10309805	Radiochemistry	7/1/2013
2970	Radium-228	EPA 9320	10208603	Radiochemistry	7/1/2013
1140	Selenium	EPA 200.7	10013806	Metals	7/1/2013
1140	Selenium	EPA 200.8	10014605	Metals	7/1/2013
1140	Selenium	EPA 6010D	10155950	Metals	12/12/2022
1140	Selenium	EPA 6020B	10156420	Metals	12/12/2022
1990	Silica as SiO2	EPA 200.7	10013806	Metals	6/12/2023
1145	Silicon	EPA 6010D	10155950	Metals	6/12/2023
1150	Silver	EPA 200.7	10013806	Metals	7/1/2013
1150	Silver	EPA 200.8	10014605	Metals	7/1/2013
1150	Silver	EPA 6010D	10155950	Metals	12/12/2022
1150	Silver	EPA 6020B	10156420	Metals	12/12/2022
1155	Sodium	EPA 200.7	10013806	Metals	7/1/2013
1155	Sodium	EPA 6010D	10155950	Metals	12/12/2022
1155	Sodium	EPA 6020B	10156420	Metals	12/12/2022
1160	Strontium	EPA 200.7	10013806	Metals	7/1/2013
1160	Strontium	EPA 6010D	10155950	Metals	12/12/2022
1160	Strontium	EPA 6020B	10156420	Metals	12/12/2022
3005	Strontium-90	DOE Sr-03-RC	90009806	Radiochemistry	7/1/2013
3005	Strontium-90	EPA 905.0	10310006	Radiochemistry	7/1/2013
1165	Thallium	EPA 200.7	10013806	Metals	7/1/2013
1165	Thallium	EPA 200.8	10014605	Metals	7/1/2013
1165	Thallium	EPA 6010D	10155950	Metals	12/12/2022
1165	Thallium	EPA 6020B	10156420	Metals	12/12/2022
1170	Thorium	EPA 200.8	10014605	Metals	7/1/2013
1170	Thorium	EPA 6020B	10156420	Metals	12/12/2022
1175	Tin	EPA 200.7	10013806	Metals	7/1/2013
1175	Tin	EPA 6010D	10155950	Metals	12/12/2022
1175	Tin	EPA 6020B	10156420	Metals	12/12/2022

Clients and Customers are urged to verify the laboratory's current certification status with the Environmental Laboratory Certification Program.

Certification Type **NELAP**

Issue Date: 9/18/2024

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Laboratory Scope of Accreditation

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EPA Lab Code: **MO00054**

(314) 298-8566

E87689

**Eurofins St. Louis
13715 Rider Trail North
Earth City, MO 63045**

Matrix: **Non-Potable Water**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
1180	Titanium	EPA 200.7	10013806	Metals	7/1/2013
1180	Titanium	EPA 6010D	10155950	Metals	12/12/2022
1180	Titanium	EPA 6020B	10156420	Metals	12/12/2022
2975	Total radium	EPA 903.0	10309407	Radiochemistry	4/21/2020
2975	Total radium	EPA 9315	10311009	Radiochemistry	7/1/2013
3030	Tritium	EPA 906.0	10310200	Radiochemistry	7/1/2013
1184	Uranium (mass)	EPA 200.8	10014605	Metals	7/1/2013
1184	Uranium (mass)	EPA 6020B	10156420	Metals	12/12/2022
1185	Vanadium	EPA 200.7	10013806	General Chemistry,Metals	7/1/2013
1185	Vanadium	EPA 200.8	10014605	Metals	7/1/2013
1185	Vanadium	EPA 6010D	10155950	Metals	12/12/2022
1185	Vanadium	EPA 6020B	10156420	Metals	12/12/2022
1190	Zinc	EPA 200.7	10013806	General Chemistry,Metals	7/1/2013
1190	Zinc	EPA 200.8	10014605	Metals	7/1/2013
1190	Zinc	EPA 6010D	10155950	Metals	12/12/2022
1190	Zinc	EPA 6020B	10156420	Metals	12/12/2022



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EPA Lab Code: **MO00054**

(314) 298-8566

E87689

**Eurofins St. Louis
13715 Rider Trail North
Earth City, MO 63045**

Matrix: **Solid and Chemical Materials**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
1000	Aluminum	EPA 6010D	10155950	Metals	12/12/2022
1000	Aluminum	EPA 6020B	10156420	Metals	12/12/2022
1005	Antimony	EPA 6010D	10155950	Metals	12/12/2022
1005	Antimony	EPA 6020B	10156420	Metals	12/12/2022
1010	Arsenic	EPA 6010D	10155950	Metals	12/12/2022
1010	Arsenic	EPA 6020B	10156420	Metals	12/12/2022
1015	Barium	EPA 6010D	10155950	Metals	12/12/2022
1015	Barium	EPA 6020B	10156420	Metals	12/12/2022
1020	Beryllium	EPA 6010D	10155950	Metals	12/12/2022
1020	Beryllium	EPA 6020B	10156420	Metals	12/12/2022
1025	Boron	EPA 6010D	10155950	Metals	12/12/2022
1025	Boron	EPA 6020B	10156420	Metals	12/12/2022
1030	Cadmium	EPA 6010D	10155950	Metals	12/12/2022
1030	Cadmium	EPA 6020B	10156420	Metals	12/12/2022
1035	Calcium	EPA 6010D	10155950	Metals	12/12/2022
1035	Calcium	EPA 6020B	10156420	Metals	12/12/2022
1040	Chromium	EPA 6010D	10155950	Metals	12/12/2022
1040	Chromium	EPA 6020B	10156420	Metals	12/12/2022
1050	Cobalt	EPA 6010D	10155950	Metals	12/12/2022
1050	Cobalt	EPA 6020B	10156420	Metals	12/12/2022
1055	Copper	EPA 6010D	10155950	Metals	12/12/2022
1055	Copper	EPA 6020B	10156420	Metals	12/12/2022
2830	Gross Alpha	EPA 9310	10310802	Radiochemistry	7/1/2013
2840	Gross Beta	EPA 9310	10310802	Radiochemistry	7/1/2013
1070	Iron	EPA 6010D	10155950	Metals	12/12/2022
1070	Iron	EPA 6020B	10156420	Metals	12/12/2022
1075	Lead	EPA 6010D	10155950	Metals	12/12/2022
1075	Lead	EPA 6020B	10156420	Metals	12/12/2022
1080	Lithium	EPA 6010D	10155950	Metals	12/12/2022
1085	Magnesium	EPA 6010D	10155950	Metals	12/12/2022
1085	Magnesium	EPA 6020B	10156420	Metals	12/12/2022
1090	Manganese	EPA 6010D	10155950	Metals	12/12/2022
1090	Manganese	EPA 6020B	10156420	Metals	12/12/2022
1095	Mercury	EPA 7471B	10166457	Metals	12/12/2022
1100	Molybdenum	EPA 6010D	10155950	Metals	12/12/2022
1100	Molybdenum	EPA 6020B	10156420	Metals	12/12/2022

Clients and Customers are urged to verify the laboratory's current certification status with the Environmental Laboratory Certification Program.

Certification Type **NELAP**

Issue Date: 9/18/2024

Expiration Date: 6/30/2025



Laboratory Scope of Accreditation

Attachment to Certificate #: E87689-74, expiration date June 30, 2025. This listing of accredited analytes should be used only when associated with a valid certificate.

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EPA Lab Code: **MO00054**

(314) 298-8566

E87689

**Eurofins St. Louis
13715 Rider Trail North
Earth City, MO 63045**

Matrix: **Solid and Chemical Materials**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
1105	Nickel	EPA 6010D	10155950	Metals	12/12/2022
1105	Nickel	EPA 6020B	10156420	Metals	12/12/2022
1125	Potassium	EPA 6010D	10155950	Metals	12/12/2022
1125	Potassium	EPA 6020B	10156420	Metals	12/12/2022
2970	Radium-228	EPA 9320	10208603	Radiochemistry	7/1/2013
1140	Selenium	EPA 6010D	10155950	Metals	12/12/2022
1140	Selenium	EPA 6020B	10156420	Metals	12/12/2022
1145	Silicon	EPA 6010D	10155950	Metals	12/12/2022
1150	Silver	EPA 6010D	10155950	Metals	12/12/2022
1150	Silver	EPA 6020B	10156420	Metals	12/12/2022
1155	Sodium	EPA 6010D	10155950	Metals	12/12/2022
1155	Sodium	EPA 6020B	10156420	Metals	12/12/2022
1160	Strontium	EPA 6010D	10155950	Metals	12/12/2022
1160	Strontium	EPA 6020B	10156420	Metals	12/12/2022
1165	Thallium	EPA 6010D	10155950	Metals	12/12/2022
1165	Thallium	EPA 6020B	10156420	Metals	12/12/2022
1175	Tin	EPA 6010D	10155950	Metals	12/12/2022
1175	Tin	EPA 6020B	10156420	Metals	12/12/2022
1180	Titanium	EPA 6010D	10155950	Metals	12/12/2022
1180	Titanium	EPA 6020B	10156420	Metals	12/12/2022
2975	Total radium	EPA 9315	10311009	Radiochemistry	7/1/2013
1184	Uranium (mass)	EPA 6020B	10156420	Metals	12/12/2022
1185	Vanadium	EPA 6010D	10155950	Metals	12/12/2022
1185	Vanadium	EPA 6020B	10156420	Metals	12/12/2022
1190	Zinc	EPA 6010D	10155950	Metals	12/12/2022
1190	Zinc	EPA 6020B	10156420	Metals	12/12/2022

APPENDIX C

Well Condition Assessment Forms and Well Maintenance and Repair Documentation Memorandum

APPENDIX C

Well Maintenance and Repair
Documentation Memorandum
April 2024



TECHNICAL MEMORANDUM

DATE August 19, 2024
TO Joju Abraham, PG
Southern Company Services
CC Ben Hodges, Georgia Power Company
FROM WSP USA Inc.

PLANT SCHERER CELL 1, CELL 3, AND PAC ASH CELL – WELL MAINTENANCE AND REPAIR DOCUMENTATION

GEORGIA POWER COMPANY

WSP USA Inc. (WSP) has prepared this memorandum to provide documentation of groundwater monitoring well maintenance and/or repair performed at Plant Scherer Cell 1, Cell 3, and PAC Ash Cell during the semi-annual reporting period. Repairs and maintenance were completed in accordance with the Georgia Environmental Protection Division (GAEPD) guidance on routine visual inspections of groundwater monitoring wells.

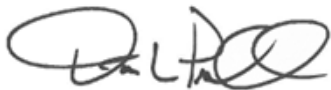
Table 1: Plant Scherer Cell 1, Cell 3, and PAC Ash Cell – Well Maintenance Summary

Georgia Power Site/Unit	Date Performed	Well ID	Maintenance/Repair Performed
Scherer / Landfill	04/2024	GWC-1	Cleared overgrowth from well pad
Scherer / Landfill	04/2024	GWA-17	Cleared anthill from well pad
Scherer / Landfill	04/2024	GWA-18	Cleared anthill from well pad
Scherer / Landfill	04/2024	GWA-19	Cleared anthill from well pad
Scherer / Landfill	07/2024	GWA-22	Cleared anthill from well pad
Scherer / Landfill	04/2024	GWA-45	Cleared anthill from well pad
Scherer / Landfill	04/2024	GWA-48	Cleared anthill from well pad
Scherer / Landfill	04/2024	GWA-49	Cleared anthill from well pad

Georgia Power Site/Unit	Date Performed	Well ID	Maintenance/Repair Performed
Scherer / Landfill	04/2024	GWC-53	Cleared anthill from well pad

All maintenance and repairs are also documented in the 2024 semi-annual groundwater monitoring report.

WSP USA Inc.



Dawn L. Prell
Technical Principal, Hydrogeologist



Rhonda Quinn, PG
Senior Geologist

Southern Company CFS
Plant Scherer July 2024 Well O&M (July 2nd)

PZ-36I/PZ-36S – Removed ant beds from pads.



GWA-22 – No ant bed observed on pad.



APPENDIX C

Well Maintenance and Repair
Documentation Memorandum
November 2024



TECHNICAL MEMORANDUM

DATE November 14, 2024
TO Joju Abraham, PG
Southern Company Services
CC Ben Hodges, Georgia Power Company
FROM WSP USA Inc.

PLANT SCHERER CELL 1, CELL 3, AND PAC ASH CELL – WELL MAINTENANCE AND REPAIR DOCUMENTATION

GEORGIA POWER COMPANY

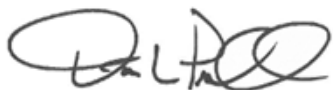
WSP USA Inc. (WSP) has prepared this memorandum to provide documentation of groundwater monitoring well maintenance and/or repair performed at Plant Scherer Cell 1, Cell 3, and PAC Ash Cell during the annual reporting period. Repairs and maintenance were completed in accordance with the Georgia Environmental Protection Division (GAEPD) guidance on routine visual inspections of groundwater monitoring wells.

Table 1: Plant Scherer Cell 1, Cell 3, and PAC Ash Cell – Well Maintenance Summary

Georgia Power Site/Unit	Date Performed	Well ID	Maintenance/Repair Performed
Scherer / Landfill	11/2024	GWC-7	Cleared ant mound on well pad
Scherer / Landfill	11/2024	GWC-14	Replaced well cap
Scherer / Landfill	11/2024	GWA-15	Cleared ant mound on well pad
Scherer / Landfill	08/2024	GWA-22	Replaced well cap
Scherer / Landfill	08/2024	GWC-51	Replaced well cap
Scherer / Landfill	11/2024	GWC-30	Cleared ant mound on well pad
Scherer / Landfill	11/2024	GWC-34	Cleared ant mound on well pad
Scherer / Landfill	11/2024	GWC-35	Cleared ant mound on well pad

All maintenance and repairs are also documented in the 2024 annual groundwater monitoring report.

WSP USA Inc.



Dawn L. Prell
Technical Principal, Hydrogeologist



Rhonda N. Quinn,
PG Senior Geologist

Southern Company CFS

Plant Scherer Nov. 2024 Well O&M (Nov. 12th)

Scherer AP1:

SGWC-7 – Protective cover lid inspected and closed properly. Did not replace the cover. Patched holes in the top of the protective cover to prevent insects from entering. (The existing cover lid was replace in Jan. 2022 during O&M)



SGWC-6 – Replaced protective cover lid and cleaned off well pad.



Southern Company CFS
Plant Scherer Nov. 2024 Well O&M (Nov. 12th)

PZ-9I – Modified the protective cover lid latch so that the well can lock and cleaned off well pad.



SGWC-12 – Replaced protective cover lid and cleaned off well pad.



Southern Company CFS
Plant Scherer Nov. 2024 Well O&M (Nov. 12th)

PZ-49D – Removed tape and screwed well tag to protective cover.



PZ-49D Gate – Replaced gate.



APPENDIX C

**Well Condition Assessment Forms
February 2024**

Site Name: Plant Scherer

Well Inspection

Date: 2/19/2024

Permit Number: NA

Field Conditions: Clear

Well ID:	Location/Identification			
	Visible and accessible	Properly identified with correct well ID	Located in high traffic area; does the well require protection from traffic	Acceptable drainage around well (no standing water, not located in obvious drainage flow path)
SGWA-1	Yes	Yes	No	Yes
SGWA-2	Yes	Yes	No	Yes
SGWA-3	Yes	Yes	No	Yes
SGWA-4	Yes	Yes	No	Yes
SGWA-5	Yes	Yes	No	Yes
SGWC-6	Yes	Yes	No	Yes
SGWC-7	Yes	Yes	No	Yes
SGWC-8	Yes	Yes	No	Yes
SGWC-9	Yes	Yes	No	Yes
SGWC-10	Yes	Yes	No	Yes
SGWC-11	Yes	Yes	No	Yes
SGWC-12	Yes	Yes	No	Yes
SGWC-13	Yes	Yes	No	Yes
SGWC-14	Yes	Yes	No	Yes
SGWC-15	Yes	Yes	No	Yes
SGWC-16	Yes	Yes	No	Yes
SGWC-17	Yes	Yes	No	Yes
SGWC-18	Yes	Yes	No	Yes
SGWC-19	Yes	Yes	No	Yes
SGWC-20	Yes	Yes	No	Yes
SGWC-21	Yes	Yes	No	Yes
SGWC-22	Yes	Yes	No	Yes
SGWC-23	Yes	Yes	No	Yes
SGWA-24	Yes	Yes	No	Yes
SGWA-25	Yes	Yes	No	Yes
PZ-13S	Yes	Yes	No	Yes
PZ-14S	Yes	Yes	No	Yes
PZ-17I	Yes	Yes	No	Yes
PZ-39S	Yes	Yes	No	Yes
PZ-40I	Yes	Yes	No	Yes
PZ-41S	Yes	Yes	No	Yes
PZ-42I	Yes	Yes	No	Yes
PZ-43S	Yes	Yes	No	Yes
PZ-44I	Yes	Yes	No	Yes
PZ-69I	Yes	Yes	No	Yes
PZ-2I	Yes	Yes	No	Yes
PZ-3S	Yes	Yes	No	Yes
PZ-5I	Yes	Yes	No	Yes
PZ-9I	Yes	Yes	No	Yes

Site Name: Plant Scherer

Well Inspection

Date: 2/19/2024

Permit Number: NA

Field Conditions: Clear

Well ID:	Location/Identification			
	Visible and accessible	Properly identified with correct well ID	Located in high traffic area; does the well require protection from traffic	Acceptable drainage around well (no standing water, not located in obvious drainage flow path)
PZ-10S	Yes	Yes	No	Yes
PZ-11S	Yes	Yes	No	Yes
PZ-12S	Yes	Yes	No	Yes
PZ-14I	Yes	Yes	No	Yes
PZ-15S	Yes	Yes	No	Yes
PZ-19I	Yes	Yes	No	Yes
PZ-19S	Yes	Yes	No	Yes
PZ-20I	Yes	Yes	No	Yes
PZ-21S	Yes	Yes	No	Yes
PZ-25S	Yes	Yes	No	Yes
PZ-25I	Yes	Yes	No	Yes
PZ-26S	Yes	Yes	No	Yes
PZ-27D	Yes	Yes	No	Yes
PZ-27S	Yes	Yes	No	Yes
PZ-28I	Yes	Yes	No	Yes
PZ-29S	Yes	Yes	No	Yes
PZ-30I	Yes	Yes	No	Yes
PZ-31I	Yes	Yes	No	Yes
PZ-32D	No	Yes	No	Yes
PZ-32S	No	Yes	No	Yes
PZ-33I	Yes	Yes	No	Yes
PZ-34S	Yes	Yes	No	Yes
PZ-35I	Yes	Yes	No	Yes
PZ-36I	Yes	Yes	No	Yes
PZ-36S	Yes	Yes	No	Yes
PZ-37I	Yes	Yes	No	Yes
PZ-38I	Yes	Yes	No	Yes
PZ-45D	Yes	Yes	No	Yes
PZ-46D	Yes	Yes	No	Yes
PZ-47D	Yes	Yes	No	Yes
PZ-48S	Yes	Yes	No	Yes
PZ-49D	Yes	Yes	No	Yes
PZ-49S	Yes	Yes	No	Yes
PZ-51D	Yes	Yes	No	Yes
PZ-52	Yes	Yes	No	Yes
PZ-53	Yes	Yes	No	Yes
PZ-54	Yes	Yes	No	Yes

Site Name: Plant Scherer

Well Inspection

Date: 2/19/2024

Permit Number: NA

Field Conditions: Clear

Well ID:	Location/Identification			
	Visible and accessible	Properly identified with correct well ID	Located in high traffic area; does the well require protection from traffic	Acceptable drainage around well (no standing water, not located in obvious drainage flow path)
PZ-55	Yes	Yes	No	Yes
PZ-56	Yes	Yes	No	Yes
PZ-57	Yes	Yes	No	Yes
PZ-58	Yes	Yes	No	Yes
PZ-59S	Yes	Yes	No	Yes
PZ-59D	Yes	Yes	No	Yes
PZ-60S	Yes	Yes	No	Yes
PZ-60D	Yes	Yes	No	Yes
PZ-61	Yes	Yes	No	Yes
PZ-62	Yes	Yes	No	Yes
PZ-63	Yes	Yes	No	Yes
PZ-64	Yes	Yes	No	Yes
PZ-65	Yes	Yes	No	Yes
PZ-66D	Yes	Yes	No	Yes
PZ-66	Yes	Yes	No	Yes
PZ-67D	Yes	Yes	No	Yes
PZ-67	Yes	Yes	No	Yes
PZ-68	Yes	Yes	No	Yes
LPZ-01	Yes	Yes	No	Yes
LPZ-02	Yes	Yes	No	Yes
LPZ-03	Yes	Yes	No	Yes
LPZ-04	Yes	Yes	No	Yes
LPZ-05	Yes	Yes	No	Yes
B-102A	Yes	Yes	No	Yes
B-102B	Yes	Yes	No	Yes
B-103A	Yes	Yes	No	Yes
B-103B	Yes	Yes	No	Yes
B-104A	Yes	Yes	No	Yes
B-104B	Yes	Yes	No	Yes
GWC-30	Yes	Yes	No	Yes
GWC-31	Yes	Yes	No	Yes
GWC-32	Yes	Yes	No	Yes
GWC-33A	Yes	Yes	No	Yes
GWC-34	Yes	Yes	No	Yes
GWC-35	Yes	Yes	No	Yes
GWC-36	Yes	Yes	No	Yes
GWC-37	Yes	Yes	No	Yes

Site Name: Plant Scherer

Well Inspection

Date: 2/19/2024

Permit Number: NA

Field Conditions: Clear

Well ID:	Location/Identification			
	Visible and accessible	Properly identified with correct well ID	Located in high traffic area; does the well require protection from traffic	Acceptable drainage around well (no standing water, not located in obvious drainage flow path)
GWC-38	Yes	Yes	No	Yes
GWA-39	Yes	Yes	No	Yes
GWA-40	Yes	Yes	No	Yes
GWA-41	Yes	Yes	No	Yes
GWA-42	Yes	Yes	No	Yes
GWA-43	Yes	Yes	No	Yes
GWA-44	Yes	Yes	No	Yes
GWA-44A	Yes	Yes	No	Yes
GWA-54	Yes	Yes	No	Yes
GWC-1	Yes	Yes	No	Yes
GWC-2	Yes	Yes	No	Yes
GWC-3	Yes	Yes	No	Yes
GWC-4	Yes	Yes	No	Yes
GWC-5	Yes	Yes	No	Yes
GWC-6	Yes	Yes	No	Yes
GWC-7	Yes	Yes	No	Yes
GWC-8	Yes	Yes	No	Yes
GWC-8A	Yes	Yes	No	Yes
GWC-9	Yes	Yes	No	Yes
GWC-10	Yes	Yes	No	Yes
GWC-11	Yes	Yes	No	Yes
GWC-12	Yes	Yes	No	Yes
GWC-13	Yes	Yes	No	Yes
GWC-14	Yes	Yes	No	Yes
GWA-15	Yes	Yes	No	Yes
GWA-16	Yes	Yes	No	Yes
GWA-17	Yes	Yes	No	Yes
GWC-18	Yes	Yes	No	Yes
GWC-19	Yes	Yes	No	Yes
GWC-20	Yes	Yes	No	Yes
GWA-21	Yes	Yes	No	Yes
GWA-22	Yes	Yes	No	Yes
GWC-29	Yes	Yes	No	Yes
GWA-45	Yes	Yes	No	Yes
GWA-46	Yes	Yes	No	Yes
GWA-47	Yes	Yes	No	Yes
GWA-48	Yes	Yes	No	Yes

Site Name: Plant Scherer

Well Inspection

Date: 2/19/2024

Permit Number: NA

Field Conditions: Clear

	Location/Identification			
	Visible and accessible	Properly identified with correct well ID	Located in high traffic area; does the well require protection from traffic	Acceptable drainage around well (no standing water, not located in obvious drainage flow path)
Well ID:				
GWA-49	Yes	Yes	No	Yes
GWC-50	Yes	Yes	No	Yes
GWC-51	Yes	Yes	No	Yes
GWC-52	Yes	Yes	No	Yes
GWC-53	Yes	Yes	No	Yes

Site Name: Plant Scherer

Well Inspection

Date: 2/19/2024

Permit Number: NA

Field Conditions: Clear

Well ID:	Protective Casing				
	Free from apparent damage and able to be secured	No degradation or deterioration	Functioning weep hole	Annular space clear of debris and water, or filled with pea gravel/sand	Locked and is the lock in good condition
SGWA-1	Yes	Yes	Yes	Yes	Yes
SGWA-2	Yes	Yes	Yes	Yes	Yes
SGWA-3	Yes	Yes	Yes	Yes	Yes
SGWA-4	Yes	Yes	Yes	Yes	Yes
SGWA-5	Yes	Yes	Yes	Yes	Yes
SGWC-6	Yes	Yes	Yes	Yes	Yes
SGWC-7	Yes	Yes	Yes	Yes	Yes
SGWC-8	Yes	Yes	Yes	Yes	No
SGWC-9	Yes	Yes	Yes	Yes	Yes
SGWC-10	No	No	Yes	Yes	Yes
SGWC-11	Yes	Yes	Yes	Yes	Yes
SGWC-12	Yes	Yes	Yes	Yes	Yes
SGWC-13	Yes	Yes	Yes	Yes	No
SGWC-14	Yes	Yes	Yes	Yes	Yes
SGWC-15	Yes	Yes	Yes	Yes	Yes
SGWC-16	Yes	Yes	Yes	Yes	Yes
SGWC-17	Yes	Yes	Yes	Yes	Yes
SGWC-18	Yes	Yes	Yes	Yes	Yes
SGWC-19	Yes	Yes	Yes	Yes	Yes
SGWC-20	Yes	Yes	Yes	Yes	No
SGWC-21	Yes	Yes	Yes	Yes	Yes
SGWC-22	Yes	Yes	Yes	Yes	Yes
SGWC-23	Yes	Yes	Yes	Yes	Yes
SGWA-24	Yes	Yes	Yes	Yes	Yes
SGWA-25	Yes	Yes	Yes	Yes	Yes
PZ-13S	Yes	Yes	Yes	Yes	Yes
PZ-14S	Yes	Yes	Yes	Yes	Yes
PZ-17I	Yes	Yes	Yes	Yes	Yes
PZ-39S	Yes	Yes	Yes	Yes	Yes
PZ-40I	Yes	Yes	Yes	Yes	Yes
PZ-41S	Yes	Yes	Yes	Yes	Yes
PZ-42I	Yes	Yes	Yes	Yes	Yes
PZ-43S	Yes	Yes	Yes	Yes	Yes
PZ-44I	Yes	Yes	Yes	Yes	Yes
PZ-69I	Yes	Yes	Yes	Yes	Yes
PZ-2I	Yes	Yes	Yes	Yes	Yes
PZ-3S	Yes	Yes	Yes	Yes	Yes
PZ-5I	Yes	Yes	Yes	Yes	Yes
PZ-9I	Yes	Yes	Yes	Yes	Yes

Site Name: Plant Scherer

Well Inspection

Date: 2/19/2024

Permit Number: NA

Field Conditions: Clear

Well ID:	Protective Casing				
	Free from apparent damage and able to be secured	No degradation or deterioration	Functioning weep hole	Annular space clear of debris and water, or filled with pea gravel/sand	Locked and is the lock in good condition
PZ-10S	Yes	Yes	Yes	Yes	Yes
PZ-11S	Yes	Yes	Yes	Yes	Yes
PZ-12S	Yes	Yes	Yes	Yes	Yes
PZ-14I	Yes	Yes	Yes	Yes	Yes
PZ-15S	Yes	Yes	Yes	Yes	Yes
PZ-19I	Yes	Yes	Yes	Yes	Yes
PZ-19S	Yes	Yes	Yes	Yes	Yes
PZ-20I	Yes	Yes	Yes	Yes	Yes
PZ-21S	Yes	Yes	Yes	Yes	Yes
PZ-25S	Yes	Yes	Yes	Yes	Yes
PZ-25I	Yes	Yes	Yes	Yes	Yes
PZ-26S	Yes	Yes	Yes	Yes	Yes
PZ-27D	Yes	Yes	Yes	Yes	Yes
PZ-27S	Yes	Yes	Yes	Yes	Yes
PZ-28I	Yes	Yes	Yes	Yes	Yes
PZ-29S	Yes	Yes	Yes	Yes	Yes
PZ-30I	Yes	Yes	Yes	Yes	Yes
PZ-31I	Yes	Yes	Yes	Yes	Yes
PZ-32D	Yes	Yes	Yes	Yes	Yes
PZ-32S	Yes	Yes	Yes	Yes	Yes
PZ-33I	Yes	Yes	Yes	Yes	Yes
PZ-34S	Yes	Yes	Yes	Yes	Yes
PZ-35I	Yes	Yes	Yes	Yes	Yes
PZ-36I	Yes	Yes	Yes	Yes	Yes
PZ-36S	Yes	Yes	Yes	Yes	Yes
PZ-37I	Yes	Yes	Yes	Yes	Yes
PZ-38I	Yes	Yes	Yes	Yes	Yes
PZ-45D	Yes	Yes	Yes	Yes	Yes
PZ-46D	Yes	Yes	Yes	Yes	Yes
PZ-47D	Yes	Yes	Yes	Yes	Yes
PZ-48S	Yes	Yes	Yes	Yes	Yes
PZ-49D	Yes	Yes	Yes	Yes	Yes
PZ-49S	Yes	Yes	Yes	Yes	Yes
PZ-51D	Yes	Yes	Yes	Yes	Yes
PZ-52	Yes	Yes	Yes	Yes	Yes
PZ-53	Yes	Yes	Yes	Yes	Yes
PZ-54	Yes	Yes	Yes	Yes	Yes

Site Name: Plant Scherer

Well Inspection

Date: 2/19/2024

Permit Number: NA

Field Conditions: Clear

Well ID:	Protective Casing				
	Free from apparent damage and able to be secured	No degradation or deterioration	Functioning weep hole	Annular space clear of debris and water, or filled with pea gravel/sand	Locked and is the lock in good condition
PZ-55	Yes	Yes	Yes	Yes	Yes
PZ-56	Yes	Yes	Yes	Yes	Yes
PZ-57	Yes	Yes	Yes	Yes	Yes
PZ-58	Yes	Yes	Yes	Yes	Yes
PZ-59S	Yes	Yes	Yes	Yes	Yes
PZ-59D	Yes	Yes	Yes	Yes	Yes
PZ-60S	Yes	Yes	Yes	Yes	Yes
PZ-60D	Yes	Yes	Yes	Yes	Yes
PZ-61	Yes	Yes	Yes	Yes	Yes
PZ-62	Yes	Yes	Yes	Yes	Yes
PZ-63	Yes	Yes	Yes	Yes	Yes
PZ-64	Yes	Yes	Yes	Yes	Yes
PZ-65	Yes	Yes	Yes	Yes	Yes
PZ-66D	Yes	Yes	Yes	Yes	Yes
PZ-66	Yes	Yes	Yes	Yes	Yes
PZ-67D	Yes	Yes	Yes	Yes	Yes
PZ-67	Yes	Yes	Yes	Yes	Yes
PZ-68	Yes	Yes	Yes	Yes	Yes
LPZ-01	Yes	Yes	Yes	Yes	Yes
LPZ-02	Yes	Yes	Yes	Yes	Yes
LPZ-03	Yes	Yes	Yes	Yes	Yes
LPZ-04	No	No	No	No	No
LPZ-05	Yes	Yes	Yes	Yes	Yes
B-102A	Yes	Yes	Yes	Yes	Yes
B-102B	Yes	Yes	Yes	Yes	Yes
B-103A	Yes	Yes	Yes	Yes	Yes
B-103B	Yes	Yes	Yes	Yes	Yes
B-104A	Yes	Yes	Yes	Yes	Yes
B-104B	Yes	Yes	Yes	Yes	Yes
GWC-30	Yes	Yes	Yes	Yes	Yes
GWC-31	Yes	Yes	Yes	Yes	Yes
GWC-32	Yes	Yes	Yes	Yes	Yes
GWC-33A	Yes	Yes	Yes	Yes	Yes
GWC-34	Yes	Yes	Yes	Yes	Yes
GWC-35	Yes	Yes	Yes	Yes	Yes
GWC-36	Yes	Yes	Yes	Yes	Yes
GWC-37	Yes	Yes	Yes	Yes	Yes

Site Name: Plant Scherer

Well Inspection

Date: 2/19/2024

Permit Number: NA

Field Conditions: Clear

Well ID:	Protective Casing				
	Free from apparent damage and able to be secured	No degradation or deterioration	Functioning weep hole	Annular space clear of debris and water, or filled with pea gravel/sand	Locked and is the lock in good condition
GWC-38	Yes	Yes	Yes	Yes	Yes
GWA-39	Yes	Yes	Yes	Yes	Yes
GWA-40	Yes	Yes	Yes	Yes	Yes
GWA-41	Yes	Yes	Yes	Yes	Yes
GWA-42	Yes	Yes	Yes	Yes	Yes
GWA-43	Yes	Yes	Yes	Yes	Yes
GWA-44	Yes	Yes	Yes	Yes	Yes
GWA-44A	Yes	Yes	Yes	Yes	Yes
GWA-54	Yes	Yes	Yes	Yes	Yes
GWC-1	Yes	Yes	Yes	Yes	Yes
GWC-2	Yes	Yes	Yes	Yes	Yes
GWC-3	Yes	Yes	Yes	Yes	Yes
GWC-4	Yes	Yes	Yes	Yes	Yes
GWC-5	Yes	Yes	Yes	Yes	Yes
GWC-6	Yes	Yes	Yes	Yes	Yes
GWC-7	Yes	Yes	Yes	Yes	Yes
GWC-8	Yes	Yes	Yes	Yes	Yes
GWC-8A	Yes	Yes	Yes	Yes	Yes
GWC-9	Yes	Yes	Yes	Yes	Yes
GWC-10	Yes	Yes	Yes	Yes	Yes
GWC-11	Yes	Yes	Yes	Yes	Yes
GWC-12	Yes	Yes	Yes	Yes	Yes
GWC-13	Yes	Yes	Yes	Yes	Yes
GWC-14	Yes	Yes	Yes	Yes	Yes
GWA-15	Yes	Yes	Yes	Yes	Yes
GWA-16	Yes	Yes	Yes	Yes	Yes
GWA-17	Yes	Yes	Yes	Yes	Yes
GWC-18	Yes	Yes	Yes	Yes	Yes
GWC-19	Yes	Yes	Yes	Yes	Yes
GWC-20	Yes	Yes	Yes	Yes	Yes
GWA-21	Yes	Yes	Yes	Yes	Yes
GWA-22	Yes	Yes	Yes	Yes	Yes
GWC-29	Yes	Yes	Yes	Yes	Yes
GWA-45	Yes	Yes	Yes	Yes	Yes
GWA-46	Yes	Yes	Yes	Yes	Yes
GWA-47	Yes	Yes	Yes	Yes	Yes
GWA-48	Yes	Yes	Yes	Yes	Yes

Site Name: Plant Scherer

Well Inspection

Date: 2/19/2024

Permit Number: NA

Field Conditions: Clear

Well ID:	Protective Casing				
	Free from apparent damage and able to be secured	No degradation or deterioration	Functioning weep hole	Annular space clear of debris and water, or filled with pea gravel/sand	Locked and is the lock in good condition
GWA-49	Yes	Yes	Yes	Yes	Yes
GWC-50	Yes	Yes	Yes	Yes	Yes
GWC-51	Yes	Yes	Yes	Yes	Yes
GWC-52	Yes	Yes	Yes	Yes	Yes
GWC-53	Yes	Yes	Yes	Yes	Yes

Site Name: Plant Scherer

Well Inspection

Date: 2/19/2024

Permit Number: NA

Field Conditions: Clear

Well ID:	Surface Pad			Internal Casing		
	Good condition (not cracked/ broken)	Sloped away from the protective casing	In complete contact with the ground surface and stable	Cap prevents entry of foreign material into the well	Free of kinks/bends, or any obstructions from foreign objects (such as bailers)	Properly vented for equilibration of air pressure
SGWA-1	Yes	Yes	Yes	Yes	Yes	Yes
SGWA-2	Yes	Yes	Yes	Yes	Yes	Yes
SGWA-3	Yes	Yes	Yes	Yes	Yes	Yes
SGWA-4	Yes	Yes	Yes	Yes	Yes	Yes
SGWA-5	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-6	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-7	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-8	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-9	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-10	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-11	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-12	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-13	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-14	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-15	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-16	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-17	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-18	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-19	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-20	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-21	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-22	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-23	Yes	Yes	Yes	Yes	Yes	Yes
SGWA-24	Yes	Yes	Yes	Yes	Yes	Yes
SGWA-25	Yes	Yes	Yes	Yes	Yes	Yes
PZ-13S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-14S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-17I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-39S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-40I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-41S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-42I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-43S	Yes	Yes	Yes	No	Yes	Yes
PZ-44I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-69I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-2I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-3S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-5I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-9I	Yes	Yes	Yes	Yes	Yes	Yes

Site Name: Plant Scherer

Well Inspection

Date: 2/19/2024

Permit Number: NA

Field Conditions: Clear

Well ID:	Surface Pad			Internal Casing		
	Good condition (not cracked/ broken)	Sloped away from the protective casing	In complete contact with the ground surface and stable	Cap prevents entry of foreign material into the well	Free of kinks/bends, or any obstructions from foreign objects (such as bailers)	Properly vented for equilibration of air pressure
PZ-10S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-11S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-12S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-14I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-15S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-19I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-19S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-20I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-21S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-25S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-25I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-26S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-27D	Yes	Yes	Yes	Yes	Yes	Yes
PZ-27S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-28I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-29S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-30I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-31I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-32D	No	Yes	Yes	Yes	Yes	Yes
PZ-32S	No	Yes	Yes	Yes	Yes	Yes
PZ-33I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-34S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-35I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-36I	No	Yes	Yes	Yes	Yes	Yes
PZ-36S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-37I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-38I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-45D	Yes	Yes	Yes	Yes	Yes	Yes
PZ-46D	Yes	Yes	Yes	Yes	Yes	Yes
PZ-47D	Yes	Yes	Yes	Yes	Yes	Yes
PZ-48S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-49D	Yes	Yes	Yes	Yes	Yes	Yes
PZ-49S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-51D	Yes	Yes	Yes	Yes	Yes	Yes
PZ-52	Yes	Yes	Yes	Yes	Yes	Yes
PZ-53	Yes	Yes	Yes	Yes	Yes	Yes
PZ-54	Yes	Yes	Yes	Yes	Yes	Yes

Site Name: Plant Scherer

Well Inspection

Date: 2/19/2024

Permit Number: NA

Field Conditions: Clear

Well ID:	Surface Pad			Internal Casing		
	Good condition (not cracked/ broken)	Sloped away from the protective casing	In complete contact with the ground surface and stable	Cap prevents entry of foreign material into the well	Free of kinks/bends, or any obstructions from foreign objects (such as bailers)	Properly vented for equilibration of air pressure
PZ-55	Yes	Yes	Yes	Yes	Yes	Yes
PZ-56	Yes	Yes	Yes	Yes	Yes	Yes
PZ-57	Yes	Yes	Yes	Yes	Yes	Yes
PZ-58	Yes	Yes	Yes	Yes	Yes	Yes
PZ-59S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-59D	Yes	Yes	Yes	Yes	Yes	Yes
PZ-60S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-60D	Yes	Yes	Yes	Yes	Yes	Yes
PZ-61	Yes	Yes	Yes	Yes	Yes	Yes
PZ-62	Yes	Yes	Yes	Yes	Yes	Yes
PZ-63	Yes	Yes	Yes	Yes	Yes	Yes
PZ-64	Yes	Yes	Yes	Yes	Yes	Yes
PZ-65	Yes	Yes	Yes	Yes	Yes	Yes
PZ-66D	Yes	Yes	Yes	Yes	Yes	Yes
PZ-66	Yes	Yes	Yes	Yes	Yes	Yes
PZ-67D	Yes	Yes	Yes	Yes	Yes	Yes
PZ-67	Yes	Yes	Yes	Yes	Yes	Yes
PZ-68	Yes	Yes	Yes	Yes	Yes	Yes
LPZ-01	Yes	Yes	Yes	Yes	Yes	Yes
LPZ-02	Yes	Yes	Yes	Yes	Yes	Yes
LPZ-03	Yes	Yes	Yes	Yes	Yes	Yes
LPZ-04	No	No	No	No	No	Yes
LPZ-05	Yes	Yes	Yes	Yes	Yes	Yes
B-102A	Yes	Yes	Yes	Yes	Yes	Yes
B-102B	Yes	Yes	Yes	Yes	Yes	Yes
B-103A	Yes	Yes	Yes	Yes	Yes	Yes
B-103B	Yes	Yes	Yes	Yes	Yes	Yes
B-104A	Yes	Yes	Yes	Yes	Yes	Yes
B-104B	Yes	Yes	Yes	Yes	Yes	Yes
GWC-30	Yes	Yes	Yes	Yes	Yes	Yes
GWC-31	Yes	Yes	Yes	Yes	Yes	Yes
GWC-32	Yes	Yes	Yes	Yes	Yes	Yes
GWC-33A	Yes	Yes	Yes	Yes	Yes	Yes
GWC-34	Yes	Yes	Yes	Yes	Yes	Yes
GWC-35	Yes	Yes	Yes	Yes	Yes	Yes
GWC-36	Yes	Yes	Yes	Yes	Yes	Yes
GWC-37	Yes	Yes	Yes	Yes	Yes	Yes

Site Name: Plant Scherer

Well Inspection

Date: 2/19/2024

Permit Number: NA

Field Conditions: Clear

Well ID:	Surface Pad			Internal Casing		
	Good condition (not cracked/ broken)	Sloped away from the protective casing	In complete contact with the ground surface and stable	Cap prevents entry of foreign material into the well	Free of kinks/bends, or any obstructions from foreign objects (such as bailers)	Properly vented for equilibration of air pressure
GWC-38	Yes	Yes	Yes	Yes	Yes	Yes
GWA-39	Yes	Yes	Yes	Yes	Yes	Yes
GWA-40	Yes	Yes	Yes	Yes	Yes	Yes
GWA-41	Yes	Yes	Yes	Yes	Yes	Yes
GWA-42	Yes	Yes	Yes	Yes	Yes	Yes
GWA-43	Yes	Yes	Yes	Yes	Yes	Yes
GWA-44	Yes	Yes	Yes	Yes	Yes	Yes
GWA-44A	Yes	Yes	Yes	Yes	Yes	Yes
GWA-54	Yes	Yes	Yes	Yes	Yes	Yes
GWC-1	Yes	Yes	Yes	Yes	Yes	Yes
GWC-2	Yes	Yes	Yes	Yes	Yes	Yes
GWC-3	Yes	Yes	Yes	Yes	Yes	Yes
GWC-4	Yes	Yes	Yes	Yes	Yes	Yes
GWC-5	Yes	Yes	Yes	Yes	Yes	Yes
GWC-6	Yes	Yes	Yes	Yes	Yes	Yes
GWC-7	Yes	Yes	Yes	Yes	Yes	Yes
GWC-8	Yes	Yes	Yes	Yes	Yes	Yes
GWC-8A	Yes	Yes	Yes	Yes	Yes	Yes
GWC-9	Yes	Yes	Yes	Yes	Yes	Yes
GWC-10	Yes	Yes	Yes	Yes	Yes	Yes
GWC-11	Yes	Yes	Yes	Yes	Yes	Yes
GWC-12	Yes	Yes	Yes	Yes	Yes	Yes
GWC-13	Yes	Yes	Yes	Yes	Yes	Yes
GWC-14	Yes	Yes	Yes	Yes	Yes	Yes
GWA-15	Yes	Yes	Yes	Yes	Yes	Yes
GWA-16	Yes	Yes	Yes	Yes	Yes	Yes
GWA-17	Yes	Yes	Yes	Yes	Yes	Yes
GWC-18	Yes	Yes	Yes	Yes	Yes	Yes
GWC-19	Yes	Yes	Yes	Yes	Yes	Yes
GWC-20	Yes	Yes	Yes	Yes	Yes	Yes
GWA-21	Yes	Yes	Yes	Yes	Yes	Yes
GWA-22	No	Yes	Yes	No	Yes	Yes
GWC-29	Yes	Yes	Yes	Yes	Yes	Yes
GWA-45	Yes	Yes	Yes	Yes	Yes	Yes
GWA-46	Yes	Yes	Yes	Yes	Yes	Yes
GWA-47	Yes	Yes	Yes	Yes	Yes	Yes
GWA-48	Yes	Yes	Yes	Yes	Yes	Yes

Site Name: Plant Scherer

Well Inspection

Date: 2/19/2024

Permit Number: NA

Field Conditions: Clear

	Surface Pad			Internal Casing		
	Good condition (not cracked/ broken)	Sloped away from the protective casing	In complete contact with the ground surface and stable	Cap prevents entry of foreign material into the well	Free of kinks/bends, or any obstructions from foreign objects (such as bailers)	Properly vented for equilibration of air pressure
Well ID:						
GWA-49	Yes	Yes	Yes	Yes	Yes	Yes
GWC-50	Yes	Yes	Yes	Yes	Yes	Yes
GWC-51	Yes	Yes	Yes	No	Yes	Yes
GWC-52	Yes	Yes	Yes	Yes	Yes	Yes
GWC-53	Yes	Yes	Yes	Yes	Yes	Yes

Site Name: Plant Scherer

Well Inspection

Date: 2/19/2024

Permit Number: NA

Field Conditions: Clear

	Corrective actions as needed, by date:
Well ID:	
SGWA-1	
SGWA-2	
SGWA-3	Clear overgrowth from well pad
SGWA-4	Replace well lid. Clear overgrowth from well pad
SGWA-5	
SGWC-6	Clear overgrowth from well pad
SGWC-7	
SGWC-8	Replace broken latch
SGWC-9	
SGWC-10	Lid on protective casing rusted, difficult to close. Needs replacement. Clear overgrowth from well pad
SGWC-11	
SGWC-12	
SGWC-13	Replace lock tab and hinge on well casing
SGWC-14	
SGWC-15	Clear anthill from well pad
SGWC-16	Clear anthill from well pad
SGWC-17	
SGWC-18	
SGWC-19	
SGWC-20	Replace lock tab
SGWC-21	
SGWC-22	
SGWC-23	
SGWA-24	
SGWA-25	
PZ-13S	
PZ-14S	
PZ-17I	
PZ-39S	
PZ-40I	
PZ-41S	
PZ-42I	
PZ-43S	Missing well cap.
PZ-44I	
PZ-69I	
PZ-2I	
PZ-3S	
PZ-5I	
PZ-9I	

Site Name: Plant Scherer

Well Inspection

Date: 2/19/2024

Permit Number: NA

Field Conditions: Clear

Well ID:	Corrective actions as needed, by date:
PZ-10S	Clear overgrowth from well pad
PZ-11S	Clear overgrowth from well pad
PZ-12S	
PZ-14I	
PZ-15S	
PZ-19I	
PZ-19S	
PZ-20I	
PZ-21S	
PZ-25S	
PZ-25I	
PZ-26S	
PZ-27D	
PZ-27S	
PZ-28I	
PZ-29S	
PZ-30I	
PZ-31I	
PZ-32D	Clear overgrowth from well pad and areas surrounding
PZ-32S	Clear overgrowth from well pad and areas surrounding
PZ-33I	
PZ-34S	
PZ-35I	
PZ-36I	Ant hill on surface pad, needs removal
PZ-36S	
PZ-37I	
PZ-38I	
PZ-45D	Clear overgrowth from well pad
PZ-46D	Clear overgrowth from well pad
PZ-47D	Clear overgrowth from well pad
PZ-48S	
PZ-49D	
PZ-49S	Clear overgrowth from well pad
PZ-51D	
PZ-52	
PZ-53	
PZ-54	

Site Name: Plant Scherer

Well Inspection

Date: 2/19/2024

Permit Number: NA

Field Conditions: Clear

	Corrective actions as needed, by date:
Well ID:	
PZ-55	Clear overgrowth from well pad
PZ-56	
PZ-57	
PZ-58	
PZ-59S	
PZ-59D	
PZ-60S	
PZ-60D	
PZ-61	
PZ-62	
PZ-63	
PZ-64	
PZ-65	
PZ-66D	
PZ-66	
PZ-67D	
PZ-67	
PZ-68	
LPZ-01	
LPZ-02	
LPZ-03	Clear overgrowth from well pad
LPZ-04	Well destroyed, see picture. Appears to have been hit with vehicle. Casing parallel to ground.
LPZ-05	Clear overgrowth from well pad
B-102A	
B-102B	
B-103A	
B-103B	
B-104A	
B-104B	
GWC-30	
GWC-31	
GWC-32	
GWC-33A	
GWC-34	
GWC-35	
GWC-36	
GWC-37	

Site Name: Plant Scherer

Well Inspection

Date: 2/19/2024

Permit Number: NA

Field Conditions: Clear

	Corrective actions as needed, by date:
Well ID:	
GWC-38	
GWA-39	
GWA-40	
GWA-41	
GWA-42	
GWA-43	
GWA-44	
GWA-44A	
GWA-54	
GWC-1	Clear overgrowth from well pad
GWC-2	
GWC-3	
GWC-4	
GWC-5	
GWC-6	
GWC-7	
GWC-8	
GWC-8A	
GWC-9	
GWC-10	
GWC-11	
GWC-12	
GWC-13	
GWC-14	
GWA-15	
GWA-16	
GWA-17	Clear anthill from well pad
GWC-18	Clear anthill from well pad
GWC-19	Clear anthill from well pad
GWC-20	
GWA-21	
GWA-22	Ant hill on surface pad, needs removal. Missing well cap.
GWC-29	
GWA-45	Clear anthill from well pad
GWA-46	
GWA-47	
GWA-48	Clear anthill from well pad

Site Name: Plant Scherer

Well Inspection

Date: 2/19/2024

Permit Number: NA

Field Conditions: Clear

	<p style="text-align: center;">Corrective actions as needed, by date:</p>
Well ID:	
GWA-49	Clear anthill from well pad
GWC-50	
GWC-51	Missing well cap.
GWC-52	
GWC-53	Clear anthill from well pad

APPENDIX C

Well Condition Assessment Forms
July 2024

Well Inspection

Site Name: Plant Scherer

Date: 7/30/2024

Permit Number: NA

Field Conditions: Overcast

Well ID:	Location/Identification			
	Visible and accessible	Properly identified with correct well ID	Located in high traffic area; does the well require protection from traffic	Acceptable drainage around well (no standing water, not located in obvious drainage flow path)
SGWA-1	No	Yes	No	Yes
SGWA-2	No	Yes	No	Yes
SGWA-3	No	Yes	No	Yes
SGWA-4	Yes	Yes	No	Yes
SGWA-5	Yes	Yes	No	Yes
SGWC-6	Yes	Yes	No	Yes
SGWC-7	Yes	Yes	No	Yes
SGWC-8	Yes	Yes	No	Yes
SGWC-9	Yes	Yes	No	Yes
SGWC-10	Yes	Yes	No	Yes
SGWC-11	Yes	Yes	No	Yes
SGWC-12	No	Yes	No	Yes
SGWC-13	Yes	Yes	No	Yes
SGWC-14	Yes	Yes	No	Yes
SGWC-15	Yes	Yes	No	Yes
SGWC-16	Yes	Yes	No	Yes
SGWC-17	Yes	Yes	No	Yes
SGWC-18	Yes	Yes	No	Yes
SGWC-19	Yes	Yes	No	Yes
SGWC-20	Yes	Yes	No	Yes
SGWC-21	Yes	Yes	No	Yes
SGWC-22	Yes	Yes	No	Yes
SGWC-23	No	Yes	No	Yes
SGWA-24	Yes	Yes	No	Yes
SGWA-25	No	Yes	No	Yes
PZ-13S	Yes	Yes	No	Yes
PZ-14S	Yes	Yes	No	Yes
PZ-17I	Yes	Yes	No	Yes
PZ-39S	No	Yes	No	Yes
PZ-40I	Yes	Yes	No	Yes
PZ-41S	Yes	Yes	No	Yes
PZ-42I	Yes	Yes	No	Yes
PZ-43S	Yes	Yes	No	Yes
PZ-44I	Yes	Yes	No	Yes
PZ-69I	No	Yes	No	Yes
PZ-2I	Yes	Yes	No	Yes
PZ-3S	Yes	Yes	No	Yes
PZ-5I	Yes	Yes	No	Yes
PZ-9I	Yes	Yes	No	Yes

Well Inspection

Site Name: Plant Scherer

Date: 7/30/2024

Permit Number: NA

Field Conditions: Overcast

Well ID:	Location/Identification			
	Visible and accessible	Properly identified with correct well ID	Located in high traffic area; does the well require protection from traffic	Acceptable drainage around well (no standing water, not located in obvious drainage flow path)
PZ-10S	Yes	Yes	No	Yes
PZ-11S	Yes	Yes	No	Yes
PZ-12S	Yes	Yes	No	Yes
PZ-14I	Yes	Yes	No	Yes
PZ-15S	Yes	Yes	No	Yes
PZ-19I	Yes	Yes	No	Yes
PZ-19S	Yes	Yes	No	Yes
PZ-20I	Yes	Yes	No	Yes
PZ-21S	Yes	Yes	No	Yes
PZ-25S	Yes	Yes	No	Yes
PZ-25I	Yes	Yes	No	Yes
PZ-26S	Yes	Yes	No	Yes
PZ-27D	Yes	Yes	No	Yes
PZ-27S	Yes	Yes	No	Yes
PZ-28I	Yes	Yes	No	Yes
PZ-29S	Yes	Yes	No	Yes
PZ-30I	Yes	Yes	No	Yes
PZ-31I	Yes	Yes	No	Yes
PZ-32D	Yes	Yes	No	Yes
PZ-32S	Yes	Yes	No	Yes
PZ-33I	Yes	Yes	No	Yes
PZ-34S	Yes	Yes	No	Yes
PZ-35I	Yes	Yes	No	Yes
PZ-36I	Yes	Yes	No	Yes
PZ-36S	Yes	Yes	No	Yes
PZ-37I	Yes	Yes	No	Yes
PZ-38I	Yes	Yes	No	Yes
PZ-45D	No	Yes	No	Yes
PZ-46D	Yes	Yes	No	Yes
PZ-47D	No	Yes	No	Yes
PZ-48S	Yes	Yes	No	Yes
PZ-49D	No	No	No	Yes
PZ-49S	No	Yes	No	Yes
PZ-51D	Yes	Yes	No	Yes

Well Inspection

Site Name: Plant Scherer

Date: 7/30/2024

Permit Number: NA

Field Conditions: Overcast

Well ID:	Location/Identification			
	Visible and accessible	Properly identified with correct well ID	Located in high traffic area; does the well require protection from traffic	Acceptable drainage around well (no standing water, not located in obvious drainage flow path)
PZ-52	Yes	Yes	No	Yes
PZ-53	Yes	Yes	No	Yes
PZ-54	Yes	Yes	No	Yes
PZ-55	Yes	Yes	No	Yes
PZ-56	No	Yes	No	Yes
PZ-57	Yes	Yes	No	Yes
PZ-58	Yes	Yes	No	Yes
PZ-59S	Yes	Yes	No	Yes
PZ-59D	Yes	Yes	No	Yes
PZ-60S	Yes	Yes	No	Yes
PZ-60D	Yes	Yes	No	Yes
PZ-61	No	Yes	No	Yes
PZ-62	Yes	Yes	No	Yes
PZ-63	Yes	Yes	No	Yes
PZ-64	Yes	Yes	No	Yes
PZ-65	No	Yes	No	Yes
PZ-66D	Yes	Yes	No	Yes
PZ-66	Yes	Yes	No	Yes
PZ-67D	Yes	Yes	No	Yes
PZ-67	Yes	Yes	No	Yes
PZ-68	No	Yes	No	Yes
LPZ-01	Yes	Yes	No	Yes
LPZ-02	Yes	Yes	No	Yes
LPZ-03	Yes	Yes	No	Yes
LPZ-04	Yes	Yes	No	Yes
LPZ-05	Yes	Yes	No	Yes
B-102A	Yes	Yes	No	Yes
B-102B	Yes	Yes	No	Yes
B-103A	Yes	Yes	No	Yes
B-103B	Yes	Yes	No	Yes
B-104A	Yes	Yes	No	Yes
B-104B	Yes	Yes	No	Yes
GWC-30	Yes	Yes	No	Yes
GWC-31	Yes	Yes	No	Yes
GWC-32	Yes	Yes	No	Yes
GWC-33A	Yes	Yes	No	Yes
GWC-34	Yes	Yes	No	Yes

Well Inspection

Site Name: Plant Scherer

Date: 7/30/2024

Permit Number: NA

Field Conditions: Overcast

Well ID:	Location/Identification			
	Visible and accessible	Properly identified with correct well ID	Located in high traffic area; does the well require protection from traffic	Acceptable drainage around well (no standing water, not located in obvious drainage flow path)
GWC-35	No	Yes	No	Yes
GWC-36	Yes	Yes	No	Yes
GWC-37	Yes	Yes	No	Yes
GWC-38	Yes	Yes	No	Yes
GWA-39	Yes	Yes	No	Yes
GWA-40	Yes	Yes	No	Yes
GWA-41	Yes	Yes	No	Yes
GWA-42	Yes	Yes	No	Yes
GWA-43	Yes	Yes	No	Yes
GWA-44	Yes	Yes	No	Yes
GWA-44A	Yes	Yes	No	Yes
GWA-54	Yes	Yes	No	Yes
GWC-1	Yes	Yes	No	Yes
GWC-2	Yes	Yes	No	Yes
GWC-3	Yes	Yes	No	Yes
GWC-4	Yes	Yes	No	Yes
GWC-5	Yes	Yes	No	Yes
GWC-6	Yes	Yes	No	Yes
GWC-7	Yes	Yes	No	Yes
GWC-8	Yes	Yes	No	Yes
GWC-8A	Yes	Yes	No	Yes
GWC-9	Yes	Yes	No	Yes
GWC-10	Yes	Yes	No	Yes
GWC-11	Yes	Yes	No	Yes
GWC-12	Yes	Yes	No	Yes
GWC-13	Yes	Yes	No	Yes
GWC-14	Yes	Yes	No	Yes
GWA-15	Yes	Yes	No	Yes
GWA-16	Yes	Yes	No	Yes
GWA-17	Yes	Yes	No	Yes
GWC-18	Yes	Yes	No	Yes
GWC-19	Yes	Yes	No	Yes
GWC-20	Yes	Yes	No	Yes
GWA-21	Yes	Yes	No	Yes
GWA-22	Yes	Yes	No	Yes
GWC-29	Yes	Yes	No	Yes
GWA-45	Yes	Yes	No	Yes

Well Inspection

Site Name: Plant Scherer

Date: 7/30/2024

Permit Number: NA

Field Conditions: Overcast

	Location/Identification			
	Visible and accessible	Properly identified with correct well ID	Located in high traffic area; does the well require protection from traffic	Acceptable drainage around well (no standing water, not located in obvious drainage flow path)
Well ID:				
GWA-46	Yes	Yes	No	Yes
GWA-47	Yes	Yes	No	Yes
GWA-48	Yes	Yes	No	Yes
GWA-49	Yes	Yes	No	Yes
GWC-50	Yes	Yes	No	Yes
GWC-51	Yes	Yes	No	Yes
GWC-52	Yes	Yes	No	Yes
GWC-53	Yes	Yes	No	Yes

Well Inspection

Site Name: Plant Scherer

Date: 7/30/2024

Permit Number: NA

Field Conditions: Overcast

Well ID:	Protective Casing				
	Free from apparent damage and able to be secured	No degradation or deterioration	Functioning weep hole	Annular space clear of debris and water, or filled with pea gravel/sand	Locked and is the lock in good condition
SGWA-1	Yes	Yes	Yes	Yes	Yes
SGWA-2	Yes	Yes	Yes	Yes	Yes
SGWA-3	Yes	Yes	Yes	Yes	Yes
SGWA-4	Yes	Yes	Yes	Yes	Yes
SGWA-5	Yes	Yes	Yes	Yes	Yes
SGWC-6	No	Yes	Yes	Yes	Yes
SGWC-7	No	Yes	Yes	No	Yes
SGWC-8	Yes	Yes	Yes	Yes	Yes
SGWC-9	Yes	Yes	Yes	Yes	Yes
SGWC-10	Yes	Yes	Yes	Yes	Yes
SGWC-11	Yes	Yes	Yes	Yes	Yes
SGWC-12	Yes	No	Yes	Yes	Yes
SGWC-13	Yes	Yes	Yes	No	Yes
SGWC-14	Yes	Yes	Yes	Yes	Yes
SGWC-15	Yes	Yes	Yes	Yes	Yes
SGWC-16	Yes	Yes	Yes	Yes	Yes
SGWC-17	Yes	Yes	Yes	Yes	Yes
SGWC-18	Yes	Yes	Yes	Yes	Yes
SGWC-19	Yes	Yes	Yes	Yes	Yes
SGWC-20	Yes	Yes	Yes	Yes	Yes
SGWC-21	Yes	Yes	Yes	Yes	Yes
SGWC-22	Yes	Yes	Yes	Yes	Yes
SGWC-23	Yes	Yes	Yes	Yes	Yes
SGWA-24	Yes	Yes	Yes	Yes	Yes
SGWA-25	Yes	Yes	Yes	Yes	Yes
PZ-13S	Yes	Yes	Yes	Yes	Yes
PZ-14S	Yes	Yes	Yes	Yes	Yes
PZ-17I	Yes	Yes	Yes	Yes	Yes
PZ-39S	Yes	Yes	Yes	Yes	Yes
PZ-40I	Yes	Yes	Yes	Yes	Yes
PZ-41S	Yes	Yes	Yes	Yes	Yes
PZ-42I	Yes	Yes	Yes	Yes	Yes
PZ-43S	Yes	Yes	Yes	Yes	Yes
PZ-44I	Yes	Yes	Yes	Yes	Yes
PZ-69I	Yes	Yes	Yes	Yes	Yes
PZ-2I	Yes	Yes	Yes	Yes	Yes
PZ-3S	Yes	Yes	Yes	Yes	Yes
PZ-5I	Yes	Yes	Yes	Yes	Yes
PZ-9I	No	Yes	Yes	Yes	Yes

Well Inspection

Site Name: Plant Scherer

Date: 7/30/2024

Permit Number: NA

Field Conditions: Overcast

Well ID:	Protective Casing				
	Free from apparent damage and able to be secured	No degradation or deterioration	Functioning weep hole	Annular space clear of debris and water, or filled with pea gravel/sand	Locked and is the lock in good condition
PZ-10S	Yes	Yes	Yes	Yes	Yes
PZ-11S	Yes	Yes	Yes	Yes	Yes
PZ-12S	Yes	Yes	Yes	Yes	Yes
PZ-14I	Yes	Yes	Yes	Yes	Yes
PZ-15S	Yes	Yes	Yes	Yes	Yes
PZ-19I	Yes	Yes	Yes	Yes	Yes
PZ-19S	Yes	Yes	Yes	Yes	Yes
PZ-20I	Yes	Yes	Yes	Yes	Yes
PZ-21S	Yes	Yes	Yes	Yes	Yes
PZ-25S	Yes	Yes	Yes	Yes	Yes
PZ-25I	Yes	Yes	Yes	Yes	Yes
PZ-26S	Yes	Yes	Yes	Yes	Yes
PZ-27D	Yes	Yes	Yes	Yes	Yes
PZ-27S	Yes	Yes	Yes	Yes	Yes
PZ-28I	Yes	Yes	Yes	Yes	Yes
PZ-29S	Yes	Yes	Yes	Yes	Yes
PZ-30I	Yes	Yes	Yes	Yes	Yes
PZ-31I	Yes	Yes	Yes	Yes	Yes
PZ-32D	Yes	Yes	Yes	Yes	Yes
PZ-32S	Yes	Yes	Yes	Yes	Yes
PZ-33I	Yes	Yes	Yes	Yes	Yes
PZ-34S	Yes	Yes	Yes	Yes	Yes
PZ-35I	Yes	Yes	Yes	Yes	Yes
PZ-36I	Yes	Yes	Yes	Yes	Yes
PZ-36S	Yes	Yes	Yes	Yes	Yes
PZ-37I	Yes	Yes	Yes	Yes	Yes
PZ-38I	Yes	Yes	Yes	Yes	Yes
PZ-45D	Yes	Yes	Yes	Yes	Yes
PZ-46D	Yes	Yes	Yes	Yes	Yes
PZ-47D	Yes	Yes	Yes	Yes	Yes
PZ-48S	Yes	Yes	Yes	Yes	Yes
PZ-49D	Yes	Yes	Yes	Yes	Yes
PZ-49S	Yes	Yes	Yes	Yes	Yes
PZ-51D	Yes	Yes	Yes	Yes	Yes

Well Inspection

Site Name: Plant Scherer

Date: 7/30/2024

Permit Number: NA

Field Conditions: Overcast

Well ID:	Protective Casing				
	Free from apparent damage and able to be secured	No degradation or deterioration	Functioning weep hole	Annular space clear of debris and water, or filled with pea gravel/sand	Locked and is the lock in good condition
PZ-52	Yes	Yes	Yes	Yes	Yes
PZ-53	Yes	Yes	Yes	Yes	Yes
PZ-54	Yes	Yes	Yes	Yes	Yes
PZ-55	Yes	Yes	Yes	Yes	Yes
PZ-56	Yes	Yes	Yes	Yes	Yes
PZ-57	Yes	Yes	Yes	Yes	Yes
PZ-58	Yes	Yes	Yes	Yes	Yes
PZ-59S	Yes	Yes	Yes	No	Yes
PZ-59D	Yes	Yes	Yes	Yes	Yes
PZ-60S	Yes	Yes	Yes	Yes	Yes
PZ-60D	Yes	Yes	Yes	Yes	Yes
PZ-61	Yes	Yes	Yes	Yes	Yes
PZ-62	Yes	Yes	Yes	Yes	Yes
PZ-63	Yes	Yes	Yes	Yes	Yes
PZ-64	Yes	Yes	Yes	Yes	Yes
PZ-65	Yes	Yes	Yes	Yes	Yes
PZ-66D	Yes	Yes	Yes	Yes	Yes
PZ-66	Yes	Yes	Yes	Yes	Yes
PZ-67D	Yes	Yes	Yes	Yes	Yes
PZ-67	Yes	Yes	Yes	Yes	Yes
PZ-68	Yes	Yes	Yes	Yes	Yes
LPZ-01	Yes	Yes	Yes	Yes	Yes
LPZ-02	Yes	Yes	Yes	Yes	Yes
LPZ-03	Yes	Yes	Yes	Yes	Yes
LPZ-04	Yes	Yes	Yes	Yes	Yes
LPZ-05	Yes	Yes	Yes	Yes	Yes
B-102A	Yes	Yes	Yes	Yes	Yes
B-102B	Yes	Yes	Yes	Yes	Yes
B-103A	Yes	Yes	Yes	Yes	Yes
B-103B	Yes	Yes	Yes	Yes	Yes
B-104A	Yes	Yes	Yes	Yes	Yes
B-104B	Yes	Yes	Yes	Yes	Yes
GWC-30	Yes	Yes	Yes	Yes	Yes
GWC-31	Yes	Yes	Yes	Yes	Yes
GWC-32	Yes	Yes	Yes	Yes	Yes
GWC-33A	Yes	Yes	Yes	Yes	Yes
GWC-34	Yes	Yes	Yes	Yes	Yes

Well Inspection

Site Name: Plant Scherer

Date: 7/30/2024

Permit Number: NA

Field Conditions: Overcast

Well ID:	Protective Casing				
	Free from apparent damage and able to be secured	No degradation or deterioration	Functioning weep hole	Annular space clear of debris and water, or filled with pea gravel/sand	Locked and is the lock in good condition
GWC-35	Yes	Yes	Yes	Yes	Yes
GWC-36	Yes	Yes	Yes	Yes	Yes
GWC-37	Yes	Yes	Yes	Yes	Yes
GWC-38	Yes	Yes	Yes	Yes	Yes
GWA-39	Yes	Yes	Yes	Yes	Yes
GWA-40	Yes	Yes	Yes	Yes	Yes
GWA-41	Yes	Yes	Yes	Yes	Yes
GWA-42	Yes	Yes	Yes	Yes	Yes
GWA-43	Yes	Yes	Yes	Yes	Yes
GWA-44	Yes	Yes	Yes	Yes	Yes
GWA-44A	Yes	Yes	Yes	Yes	Yes
GWA-54	Yes	Yes	Yes	Yes	Yes
GWC-1	Yes	Yes	Yes	Yes	Yes
GWC-2	Yes	Yes	Yes	Yes	Yes
GWC-3	Yes	Yes	Yes	Yes	Yes
GWC-4	Yes	Yes	Yes	Yes	Yes
GWC-5	Yes	Yes	Yes	Yes	Yes
GWC-6	Yes	Yes	Yes	Yes	Yes
GWC-7	Yes	Yes	Yes	Yes	Yes
GWC-8	Yes	Yes	Yes	Yes	Yes
GWC-8A	Yes	Yes	Yes	Yes	Yes
GWC-9	Yes	Yes	Yes	Yes	Yes
GWC-10	Yes	Yes	Yes	Yes	Yes
GWC-11	Yes	Yes	Yes	Yes	Yes
GWC-12	Yes	Yes	Yes	Yes	Yes
GWC-13	Yes	Yes	Yes	Yes	Yes
GWC-14	Yes	Yes	Yes	Yes	Yes
GWA-15	Yes	Yes	Yes	Yes	Yes
GWA-16	Yes	Yes	Yes	Yes	Yes
GWA-17	Yes	Yes	Yes	Yes	Yes
GWC-18	Yes	Yes	Yes	Yes	Yes
GWC-19	Yes	Yes	Yes	Yes	Yes
GWC-20	Yes	Yes	Yes	Yes	Yes
GWA-21	Yes	Yes	Yes	Yes	Yes
GWA-22	Yes	Yes	Yes	Yes	Yes
GWC-29	Yes	Yes	Yes	Yes	Yes
GWA-45	Yes	Yes	Yes	Yes	Yes

Well Inspection

Site Name: Plant Scherer

Date: 7/30/2024

Permit Number: NA

Field Conditions: Overcast

Well ID:	Protective Casing				
	Free from apparent damage and able to be secured	No degradation or deterioration	Functioning weep hole	Annular space clear of debris and water, or filled with pea gravel/sand	Locked and is the lock in good condition
GWA-46	Yes	Yes	Yes	Yes	Yes
GWA-47	Yes	Yes	Yes	Yes	Yes
GWA-48	Yes	Yes	Yes	Yes	Yes
GWA-49	Yes	Yes	Yes	Yes	Yes
GWC-50	Yes	Yes	Yes	Yes	Yes
GWC-51	Yes	Yes	Yes	Yes	Yes
GWC-52	Yes	Yes	Yes	Yes	Yes
GWC-53	Yes	Yes	Yes	Yes	Yes

Well Inspection

Site Name: Plant Scherer

Date: 7/30/2024

Permit Number: NA

Field Conditions: Overcast

Well ID:	Surface Pad			Internal Casing		
	Good condition (not cracked/ broken)	Sloped away from the protective casing	In complete contact with the ground surface and stable	Cap prevents entry of foreign material into the well	Free of kinks/bends, or any obstructions from foreign objects (such as bailers)	Properly vented for equilibration of air pressure
SGWA-1	Yes	Yes	Yes	Yes	Yes	Yes
SGWA-2	Yes	Yes	Yes	Yes	Yes	Yes
SGWA-3	Yes	Yes	Yes	Yes	Yes	Yes
SGWA-4	Yes	Yes	Yes	Yes	Yes	Yes
SGWA-5	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-6	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-7	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-8	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-9	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-10	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-11	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-12	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-13	No	Yes	Yes	Yes	Yes	Yes
SGWC-14	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-15	No	Yes	Yes	Yes	Yes	Yes
SGWC-16	No	Yes	Yes	Yes	Yes	Yes
SGWC-17	No	Yes	Yes	Yes	Yes	Yes
SGWC-18	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-19	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-20	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-21	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-22	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-23	Yes	Yes	Yes	Yes	Yes	Yes
SGWA-24	No	Yes	Yes	Yes	Yes	Yes
SGWA-25	Yes	Yes	Yes	Yes	Yes	Yes
PZ-13S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-14S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-17I	No	Yes	Yes	Yes	Yes	Yes
PZ-39S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-40I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-41S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-42I	Yes	Yes	Yes	No	Yes	Yes
PZ-43S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-44I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-69I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-2I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-3S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-5I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-9I	Yes	Yes	Yes	Yes	Yes	Yes

Well Inspection

Site Name: Plant Scherer

Date: 7/30/2024

Permit Number: NA

Field Conditions: Overcast

Well ID:	Surface Pad			Internal Casing		
	Good condition (not cracked/ broken)	Sloped away from the protective casing	In complete contact with the ground surface and stable	Cap prevents entry of foreign material into the well	Free of kinks/bends, or any obstructions from foreign objects (such as bailers)	Properly vented for equilibration of air pressure
PZ-10S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-11S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-12S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-14I	Yes	Yes	Yes	No	Yes	Yes
PZ-15S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-19I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-19S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-20I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-21S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-25S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-25I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-26S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-27D	Yes	Yes	Yes	Yes	Yes	Yes
PZ-27S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-28I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-29S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-30I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-31I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-32D	Yes	Yes	Yes	No	Yes	Yes
PZ-32S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-33I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-34S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-35I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-36I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-36S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-37I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-38I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-45D	Yes	Yes	Yes	Yes	Yes	Yes
PZ-46D	Yes	Yes	Yes	Yes	Yes	Yes
PZ-47D	Yes	Yes	Yes	Yes	Yes	Yes
PZ-48S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-49D	Yes	Yes	Yes	Yes	Yes	Yes
PZ-49S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-51D	Yes	Yes	Yes	Yes	Yes	Yes

Well Inspection

Site Name: Plant Scherer

Date: 7/30/2024

Permit Number: NA

Field Conditions: Overcast

Well ID:	Surface Pad			Internal Casing		
	Good condition (not cracked/ broken)	Sloped away from the protective casing	In complete contact with the ground surface and stable	Cap prevents entry of foreign material into the well	Free of kinks/bends, or any obstructions from foreign objects (such as bailers)	Properly vented for equilibration of air pressure
PZ-52	Yes	Yes	Yes	Yes	Yes	Yes
PZ-53	Yes	Yes	Yes	Yes	Yes	Yes
PZ-54	No	Yes	Yes	Yes	Yes	Yes
PZ-55	Yes	Yes	Yes	Yes	Yes	Yes
PZ-56	Yes	Yes	Yes	Yes	Yes	Yes
PZ-57	Yes	Yes	Yes	Yes	Yes	Yes
PZ-58	Yes	Yes	Yes	Yes	Yes	Yes
PZ-59S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-59D	Yes	Yes	Yes	Yes	Yes	Yes
PZ-60S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-60D	Yes	Yes	Yes	Yes	Yes	Yes
PZ-61	Yes	Yes	Yes	Yes	Yes	Yes
PZ-62	Yes	Yes	Yes	Yes	Yes	Yes
PZ-63	Yes	Yes	Yes	Yes	Yes	Yes
PZ-64	Yes	Yes	Yes	Yes	Yes	Yes
PZ-65	Yes	Yes	Yes	Yes	Yes	Yes
PZ-66D	Yes	Yes	Yes	Yes	Yes	Yes
PZ-66	Yes	Yes	Yes	Yes	Yes	Yes
PZ-67D	Yes	Yes	Yes	Yes	Yes	Yes
PZ-67	Yes	Yes	Yes	Yes	Yes	Yes
PZ-68	Yes	Yes	Yes	Yes	Yes	Yes
LPZ-01	Yes	Yes	Yes	Yes	Yes	Yes
LPZ-02	Yes	Yes	Yes	Yes	Yes	Yes
LPZ-03	Yes	Yes	Yes	Yes	Yes	Yes
LPZ-04	Yes	Yes	Yes	Yes	Yes	Yes
LPZ-05	Yes	Yes	Yes	Yes	Yes	Yes
B-102A	Yes	Yes	Yes	Yes	Yes	Yes
B-102B	Yes	Yes	Yes	Yes	Yes	Yes
B-103A	Yes	Yes	Yes	Yes	Yes	Yes
B-103B	Yes	Yes	Yes	Yes	Yes	Yes
B-104A	Yes	Yes	Yes	Yes	Yes	Yes
B-104B	Yes	Yes	Yes	Yes	Yes	Yes
GWC-30	No	Yes	Yes	Yes	Yes	Yes
GWC-31	Yes	Yes	Yes	Yes	Yes	Yes
GWC-32	Yes	Yes	Yes	Yes	Yes	Yes
GWC-33A	Yes	Yes	Yes	Yes	Yes	Yes
GWC-34	No	Yes	Yes	Yes	Yes	Yes

Well Inspection

Site Name: Plant Scherer

Date: 7/30/2024

Permit Number: NA

Field Conditions: Overcast

Well ID:	Surface Pad			Internal Casing		
	Good condition (not cracked/ broken)	Sloped away from the protective casing	In complete contact with the ground surface and stable	Cap prevents entry of foreign material into the well	Free of kinks/bends, or any obstructions from foreign objects (such as bailers)	Properly vented for equilibration of air pressure
GWC-35	Yes	Yes	Yes	Yes	Yes	Yes
GWC-36	Yes	Yes	Yes	Yes	Yes	Yes
GWC-37	Yes	Yes	Yes	Yes	Yes	Yes
GWC-38	Yes	Yes	Yes	Yes	Yes	Yes
GWA-39	Yes	Yes	Yes	Yes	Yes	Yes
GWA-40	Yes	Yes	Yes	Yes	Yes	Yes
GWA-41	Yes	Yes	Yes	Yes	Yes	Yes
GWA-42	Yes	Yes	Yes	Yes	Yes	Yes
GWA-43	Yes	Yes	Yes	Yes	Yes	Yes
GWA-44	Yes	Yes	Yes	Yes	Yes	Yes
GWA-44A	Yes	Yes	Yes	Yes	Yes	Yes
GWA-54	Yes	Yes	Yes	Yes	Yes	Yes
GWC-1	Yes	Yes	Yes	Yes	Yes	Yes
GWC-2	Yes	Yes	Yes	Yes	Yes	Yes
GWC-3	Yes	Yes	Yes	Yes	Yes	Yes
GWC-4	Yes	Yes	Yes	Yes	Yes	Yes
GWC-5	Yes	Yes	Yes	Yes	Yes	Yes
GWC-6	Yes	Yes	Yes	Yes	Yes	Yes
GWC-7	Yes	Yes	Yes	Yes	Yes	Yes
GWC-8	Yes	Yes	Yes	Yes	Yes	Yes
GWC-8A	Yes	Yes	Yes	Yes	Yes	Yes
GWC-9	Yes	Yes	Yes	Yes	Yes	Yes
GWC-10	Yes	Yes	Yes	Yes	Yes	Yes
GWC-11	Yes	Yes	Yes	Yes	Yes	Yes
GWC-12	Yes	Yes	Yes	Yes	Yes	Yes
GWC-13	Yes	Yes	Yes	Yes	Yes	Yes
GWC-14	Yes	Yes	Yes	Yes	Yes	Yes
GWA-15	Yes	Yes	Yes	Yes	Yes	Yes
GWA-16	Yes	Yes	Yes	Yes	Yes	Yes
GWA-17	Yes	Yes	Yes	Yes	Yes	Yes
GWC-18	Yes	Yes	Yes	Yes	Yes	Yes
GWC-19	Yes	Yes	Yes	Yes	Yes	Yes
GWC-20	Yes	Yes	Yes	Yes	Yes	Yes
GWA-21	Yes	Yes	Yes	Yes	Yes	Yes
GWA-22	Yes	Yes	Yes	Yes	Yes	Yes
GWC-29	Yes	Yes	Yes	Yes	Yes	Yes
GWA-45	Yes	Yes	Yes	Yes	Yes	Yes

Well Inspection

Site Name: Plant Scherer

Date: 7/30/2024

Permit Number: NA

Field Conditions: Overcast

	Surface Pad			Internal Casing		
	Good condition (not cracked/ broken)	Sloped away from the protective casing	In complete contact with the ground surface and stable	Cap prevents entry of foreign material into the well	Free of kinks/bends, or any obstructions from foreign objects (such as bailers)	Properly vented for equilibration of air pressure
Well ID:						
GWA-46	Yes	Yes	Yes	Yes	Yes	Yes
GWA-47	Yes	Yes	Yes	Yes	Yes	Yes
GWA-48	Yes	Yes	Yes	Yes	Yes	Yes
GWA-49	Yes	Yes	Yes	Yes	Yes	Yes
GWC-50	Yes	Yes	Yes	Yes	Yes	Yes
GWC-51	Yes	Yes	Yes	No	Yes	Yes
GWC-52	Yes	Yes	Yes	Yes	Yes	Yes
GWC-53	Yes	Yes	Yes	Yes	Yes	Yes

Well Inspection

Site Name: Plant Scherer

Date: 7/30/2024

Permit Number: NA

Field Conditions: Overcast

	Corrective actions as needed, by date:
Well ID:	
SGWA-1	Overgrown- area surrounding well pad needs clearing
SGWA-2	Overgrown- area surrounding well pad needs clearing
SGWA-3	Overgrown- area surrounding well pad needs clearing
SGWA-4	
SGWA-5	
SGWC-6	Lid unable to close- needs replacement
SGWC-7	Wasp nest in protective casing needs removal, lid will not close- needs replacement
SGWC-8	
SGWC-9	
SGWC-10	
SGWC-11	
SGWC-12	Overgrown- area surrounding well pad needs clearing. Rusty hinge needs replacement.
SGWC-13	Wasps and ants in protective casing and ant mound on well pad needs removal
SGWC-14	
SGWC-15	Ant mound on well pad needs removal
SGWC-16	Ant mound on well pad needs removal
SGWC-17	Ant mound on well pad needs removal
SGWC-18	
SGWC-19	
SGWC-20	
SGWC-21	
SGWC-22	
SGWC-23	Overgrown- area surrounding well pad needs clearing
SGWA-24	Ant mound on well pad needs removal
SGWA-25	Overgrown- area surrounding well pad needs clearing
PZ-13S	
PZ-14S	
PZ-17I	Ant mound on well pad needs removal
PZ-39S	Overgrown- area surrounding well pad needs clearing
PZ-40I	
PZ-41S	
PZ-42I	Missing well cap
PZ-43S	
PZ-44I	
PZ-69I	Overgrown- area surrounding well pad needs clearing
PZ-2I	
PZ-3S	
PZ-5I	
PZ-9I	Lid unable to close- needs replacement

Well Inspection

Site Name: Plant Scherer

Date: 7/30/2024

Permit Number: NA

Field Conditions: Overcast

	Corrective actions as needed, by date:
Well ID:	
PZ-10S	
PZ-11S	
PZ-12S	
PZ-14I	Missing well cap
PZ-15S	
PZ-19I	
PZ-19S	
PZ-20I	
PZ-21S	
PZ-25S	
PZ-25I	
PZ-26S	
PZ-27D	
PZ-27S	
PZ-28I	
PZ-29S	
PZ-30I	
PZ-31I	
PZ-32D	Missing well cap
PZ-32S	
PZ-33I	
PZ-34S	
PZ-35I	
PZ-36I	
PZ-36S	
PZ-37I	
PZ-38I	
PZ-45D	Overgrown- area surrounding well pad needs clearing. Gravel road to well off of Juliette Rd (near intersection with Byars Rd) needs clearing as well.
PZ-46D	
PZ-47D	Overgrown- area surrounding well pad needs clearing. Gravel road to well off of Cochran Rd needs clearing as well.
PZ-48S	
PZ-49D	Well plate needs to be permanently secured to outside of well- well plate temporarily affixed to side of well with tape by WSP. Gate on Luther Smith Rd. to well completely destroyed, needs repair.
PZ-49S	Gate on Luther Smith Rd. to well completely destroyed, needs repair.
PZ-51D	

Well Inspection

Site Name: Plant Scherer

Date: 7/30/2024

Permit Number: NA

Field Conditions: Overcast

	Corrective actions as needed, by date:
Well ID:	
PZ-52	
PZ-53	
PZ-54	Ant mound on well pad needs removal
PZ-55	
PZ-56	Overgrown- area surrounding well pad needs clearing
PZ-57	
PZ-58	
PZ-59S	Ants in casing of well.
PZ-59D	
PZ-60S	
PZ-60D	
PZ-61	Overgrown- area surrounding well pad needs clearing
PZ-62	
PZ-63	
PZ-64	
PZ-65	Overgrown- area surrounding well pad needs clearing
PZ-66D	
PZ-66	
PZ-67D	
PZ-67	
PZ-68	Overgrown- area surrounding well pad needs clearing. Path to well also needs to be cleared.
LPZ-01	
LPZ-02	
LPZ-03	
LPZ-04	
LPZ-05	
B-102A	
B-102B	
B-103A	
B-103B	
B-104A	
B-104B	
GWC-30	Ant mound on well pad needs removal
GWC-31	
GWC-32	
GWC-33A	
GWC-34	Ant mound on well pad needs removal

Well Inspection

Site Name: Plant Scherer

Date: 7/30/2024

Permit Number: NA

Field Conditions: Overcast

	Corrective actions as needed, by date:
Well ID:	
GWC-35	Overgrown- area surrounding well pad needs clearing
GWC-36	
GWC-37	
GWC-38	
GWA-39	
GWA-40	
GWA-41	
GWA-42	
GWA-43	
GWA-44	
GWA-44A	
GWA-54	
GWC-1	
GWC-2	
GWC-3	
GWC-4	
GWC-5	
GWC-6	
GWC-7	Ant mound on well pad needs removal
GWC-8	
GWC-8A	
GWC-9	
GWC-10	
GWC-11	
GWC-12	
GWC-13	
GWC-14	Needs blue well cap to cover dedicated pump
GWA-15	Ant mound on well pad needs removal
GWA-16	
GWA-17	
GWC-18	
GWC-19	
GWC-20	
GWA-21	
GWA-22	Missing well cap
GWC-29	
GWA-45	

Well Inspection

Site Name: Plant Scherer

Date: 7/30/2024

Permit Number: NA

Field Conditions: Overcast

	Corrective actions as needed, by date:
Well ID:	
GWA-46	
GWA-47	
GWA-48	
GWA-49	
GWC-50	
GWC-51	Missing well cap
GWC-52	
GWC-53	

APPENDIX D

Historical Surface Water Monitoring Data

**Historical Surface Water
Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA**

Sample Location		SWA-2	SWA-3	SWC-4	SWC-6	SWC-7	SWC-8
Sample Date		08/07/2024	08/07/2024	08/07/2024	08/07/2024	08/07/2024	08/07/2024
ANALYTE	UNITS						
APPENDIX III							
Boron	mg/L	1.8	0.44	0.65	< 0.022	0.50	1.2
Calcium	mg/L	50	16	27	13	26	36
Chloride	mg/L	14	11	8.6	2.4	8.6	1.2
Fluoride	mg/L	< 0.40	< 0.20	< 0.20	< 0.040	< 0.20	< 0.040
pH, Field	SU	7.46	7.51	7.31	7.62	7.66	7.03
Sulfate	mg/L	280	57	100	0.85 J	69	16
TDS	mg/L	500	170	250	110	220	340
STATE REQUIRED INORGANICS							
Chemical Oxygen Demand	mg/L	9.0 J	< 5.0	NA	NA	< 5.0	NA
Cyanide	mg/L	< 0.0060	< 0.0060	NA	NA	< 0.0060	NA
Organic Carbon, Total	mg/L	1.4	0.79 J	NA	NA	1.7	NA
STATE REQUIRED METALS							
Antimony	mg/L	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034
Arsenic	mg/L	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086
Barium	mg/L	0.079	0.038	0.048	0.021	0.055	0.065
Beryllium	mg/L	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020
Cadmium	mg/L	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078
Chromium	mg/L	< 0.0012	0.0015 J	< 0.0012	0.0016 J	< 0.0012	< 0.0012
Cobalt	mg/L	0.0031	0.0016 J	0.00078 J	0.00032 J	0.00027 J	0.0017 J
Copper	mg/L	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011
Lead	mg/L	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021
Mercury	mg/L	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080
Nickel	mg/L	0.0010	0.00073 J	< 0.00042	0.00056 J	0.00048 J	0.00070 J
Selenium	mg/L	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099
Silver	mg/L	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039
Thallium	mg/L	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026
Vanadium	mg/L	< 0.00063	0.0016 J	0.00082 J	0.0046	0.0020	0.00069 J
Zinc	mg/L	< 0.0028	< 0.0028	< 0.0028	< 0.0028	< 0.0028	< 0.0028
MAJOR IONS							
Alkalinity Total as CaCO3	mg/L	57	51	74	97	90	63
Bicarbonate Alkalinity as CaCO3	mg/L	57	51	74	97	90	63
Carbonate Alkalinity as CaCO3	mg/L	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Magnesium	mg/L	26	9.1	14	6.6	13	19
Potassium	mg/L	1.9	1.4	1.5	1.4	2.0	1.8
Sodium	mg/L	62	21	27	7.5	23	43
FIELD PARAMETERS							
Oxidation Reduction Potential, Field	mV	0.41	-5.43	31.27	51.91	54.47	15.38
pH, Field	SU	7.46	7.51	7.31	7.62	7.66	7.03
RDO Concentration, Field	mg/L	7.28	7.85	7.12	7.52	6.58	6.47
Specific Conductance, Field	uS/cm	703.19	252.38	366.15	137.38	334.28	490.01
Temperature, Field	deg C	27.64	24.83	23.76	24.53	24.77	24.87
Turbidity, Field	NTU	3.29	13.6	3.77	549	6.99	3.77

Notes:

mg/L - milligrams per liter; SU - Standard Units; mV - millivolts; C - degrees Celcius; NTU - Nephelometric Turbidity Unit; uS/cm - microsiemens per centimeter.

NA - Indicates substance not analyzed

< indicates the substance was not detected above the reporting limit (RL). The value displayed is the RL.

J - The result is an estimated concentration. "J" qualifiers are applied by the laboratory when the concentration reported is above the method detection limit, but below the laboratory reporting limit.

SWA-1, SWA-2, SWA-3, and SWC-7 are sampled for chemical oxygen demand (COD), Cyanide, and total organic carbon (TOC) per site D&O Plan.

Samples from SWA-1, SWC-5 and SWC-9 were not collected as these locations were dry at the time of sampling.

**Historical Surface Water
Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA**

Sample Location		SWA-1	SWA-3	SWC-4	SWC-6	SWC-7	SWC-8	SWA-2
Sample Date		02/29/2024	02/29/2024	02/29/2024	02/29/2024	02/29/2024	02/29/2024	02/26/2024
ANALYTE	UNITS							
APPENDIX III								
Boron	mg/L	0.23	0.47	0.57	0.028 J	0.37	0.93	1.2
Calcium	mg/L	15	14	24	11	22	28	37
Chloride	mg/L	4.7	13	9.4	3.0	7.4	12	14
Fluoride	mg/L	< 0.40	< 0.40	< 0.40	< 0.20	< 0.40	< 0.40	< 1.0
pH, Field	SU	7.8	7.09	7.56	7.67	7.83	7.19	7.07
Sulfate	mg/L	42	79	96	1.3	61	140	230
TDS	mg/L	120	160	200	85	160	240	380
STATE REQUIRED INORGANICS								
Chemical Oxygen Demand	mg/L	16	< 5.0	NA	NA	7.9 J	NA	< 5.0
Cyanide	mg/L	0.0066 J	0.0079 J	NA	NA	0.0082 J	NA	0.0077 J
Organic Carbon, Total	mg/L	4.7	0.78 J	NA	NA	2.6	NA	1.1
STATE REQUIRED METALS								
Antimony	mg/L	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034
Arsenic	mg/L	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086
Barium	mg/L	0.050	0.047	0.070	0.028	0.059	0.064	0.069
Beryllium	mg/L	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020
Cadmium	mg/L	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078
Chromium	mg/L	0.0014 J	0.0012 J	0.0017 J	0.0017 J	0.0013 J	< 0.0012	< 0.0012
Cobalt	mg/L	0.00022 J	0.0048	0.0047	0.0018 J	0.00043 J	0.0046	0.0054
Copper	mg/L	0.0033	< 0.0011	0.0017 J	< 0.0011	0.0016 J	< 0.0011	< 0.0011
Lead	mg/L	0.00026 J	0.00024 J	0.00042 J	< 0.00021	< 0.00021	< 0.00021	< 0.00021
Mercury	mg/L	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080
Nickel	mg/L	0.0014	0.0011	0.0013	0.00074 J	0.00082 J	0.0011	0.0010
Selenium	mg/L	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099
Silver	mg/L	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039
Thallium	mg/L	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026
Vanadium	mg/L	0.0029	< 0.00063	0.0039	0.0023	0.0022	0.00067 J	0.00077 J
Zinc	mg/L	0.0075	< 0.0028	0.0037 J	< 0.0028	< 0.0028	< 0.0028	< 0.0028
MAJOR IONS								
Alkalinity Total as CaCO3	mg/L	52	35	60	62	63	50	50
Bicarbonate Alkalinity as CaCO3	mg/L	52	35	60	62	63	50	50
Carbonate Alkalinity as CaCO3	mg/L	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Magnesium	mg/L	5.8	9.1	13	6.0	11	16	21
Potassium	mg/L	2.3	1.4	1.3	1.1	2.1	1.4	1.2
Sodium	mg/L	13	26	27	7.3	21	37	48
FIELD PARAMETERS								
Oxidation Reduction Potential, Field	mV	77.29	22.77	14.35	39.8	46.1	14.41	-3.04
pH, Field	SU	7.8	7.09	7.56	7.67	7.83	7.19	7.07
RDO Concentration, Field	mg/L	8.97	9.12	9.73	10.27	10.29	8.88	7.88
Specific Conductance, Field	uS/cm	179.9	254.79	319.83	106.96	249.23	397.38	619.18
Temperature, Field	deg C	10.55	13.23	13.66	11.59	12.15	13.66	18.21
Turbidity, Field	NTU	9.49	5.2	5.84	7.39	7.22	4.56	3.75

Notes:

mg/L - milligrams per liter; SU - Standard Units; mV - millivolts; C - degrees Celcius; NTU - Nephelometric Turbidity Unit; uS/cm - microsiemens per centimeter.

NA - Indicates substance not analyzed

< indicates the substance was not detected above the reporting limit (RL). The value displayed is the RL.

J - The result is an estimated concentration. "J" qualifiers are applied by the laboratory when the concentration reported is above the method detection limit, but below the laboratory reporting limit.

SWA-1, SWA-2, SWA-3, and SWC-7 are sampled for chemical oxygen demand (COD), Cyanide, and total organic carbon (TOC) per site D&O Plan.

Samples from SWC-5 and SWC-9 were not collected as these locations were dry at the time of sampling.

**Historical Surface Water
Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA**

Sample Location		SWA-2	SWA-3	SWC-4	SWC-6	SWC-7	SWC-8
Sample Date		08/09/2023	08/09/2023	08/09/2023	08/09/2023	08/09/2023	08/09/2023
ANALYTE	UNITS						
APPENDIX III							
Boron	mg/L	2.3	0.60	1.1	0.057 J	0.44	1.7
Calcium	mg/L	55	15	35	11	17	43
Chloride	mg/L	11	11	8.5	2.3	4.2	10
Fluoride	mg/L	0.11	0.043 J	0.092 J	0.095 J	0.18	0.096 J
pH, Field	SU	7.37	7.55	7.56	7.88	8.04	7.38
Sulfate	mg/L	290	73	170	0.72 J	48	220
TDS	mg/L	480	180	290	93	130	370
STATE REQUIRED INORGANICS							
Chemical Oxygen Demand	mg/L	< 5.0	< 5.0	NA	NA	< 5.0	NA
Cyanide	mg/L	0.0026 J	0.0034 J	NA	NA	< 0.0025	NA
Organic Carbon, Total	mg/L	1.4	0.73 J	NA	NA	3.1	NA
STATE REQUIRED METALS							
Antimony	mg/L	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034
Arsenic	mg/L	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086
Barium	mg/L	0.086	0.038	0.060	0.024	0.048	0.074
Beryllium	mg/L	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020
Cadmium	mg/L	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078
Chromium	mg/L	< 0.0012	0.0023	< 0.0012	0.0020	< 0.0012	< 0.0012
Cobalt	mg/L	0.0033	0.0016 J	0.00093 J	0.00044 J	0.00023 J	0.0021 J
Copper	mg/L	< 0.0011	< 0.0011	< 0.0011	< 0.0011	0.0021	< 0.0011
Lead	mg/L	< 0.00021	< 0.00021	0.00028 J	< 0.00021	< 0.00021	< 0.00021
Mercury	mg/L	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080
Nickel	mg/L	0.0012	0.00077 J	0.00045 J	< 0.00042	0.00056 J	0.00068 J
Selenium	mg/L	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099
Silver	mg/L	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039
Thallium	mg/L	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026
Vanadium	mg/L	< 0.00063	0.0013 J	0.0014 J	0.0027	0.0026	< 0.00063
Zinc	mg/L	< 0.0028	< 0.0028	< 0.0028	< 0.0028	< 0.0028	< 0.0028
MAJOR IONS							
Alkalinity Total as CaCO3	mg/L	60	38	61	63	60	58
Bicarbonate Alkalinity as CaCO3	mg/L	60	38	61	63	60	58
Carbonate Alkalinity as CaCO3	mg/L	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Magnesium	mg/L	29	8.6	19	5.8	7.7	22
Potassium	mg/L	2.7	1.7	2.0	1.3	2.4	2.4
Sodium	mg/L	49	24	32	6.8	16	38
FIELD PARAMETERS							
Oxidation Reduction Potential, Field	mV	54.49	56.50	104.55	31.76	69.45	72.52
pH, Field	SU	7.37	7.55	7.56	7.88	8.04	7.38
RDO Concentration, Field	mg/L	6.38	7.48	6.32	6.40	6.60	6.15
Specific Conductance, Field	uS/cm	723.25	287.61	457.13	122.50	240.74	564.01
Temperature, Field	deg C	27.52	27.92	29.66	29.42	28.97	28.30
Turbidity, Field	NTU	3.59	5.30	1.6	11.2	5.75	2.88

Notes:

mg/L - milligrams per liter; SU - Standard Units; mV - millivolts; C - degrees Celcius; NTU - Nephelometric Turbidity Unit; uS/cm - microsiemens per centimeter.

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SWA-1, SWA-2, SWA-3, and SWC-7 are sampled for chemical oxygen demand (COD), Cyanide, and total organic carbon (TOC) per site D&O Plan.

Samples from SWA-1, SWC-5 and SWC-9 were not collected as these locations were dry at the time of sampling.

**Historical Surface Water
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Sample Location		SWA-1	SWA-2	SWA-3	SWC-4	SWC-5	SWC-6	SWC-7	SWC-8
Sample Date		03/01/2023	03/01/2023	03/01/2023	03/01/2023	03/01/2023	03/01/2023	03/01/2023	03/01/2023
ANALYTE	UNITS								
APPENDIX III									
Boron	mg/L	0.46	1.3	0.68	0.68	0.15	< 0.060	0.54	0.87
Calcium	mg/L	22	43	15	25	41	10	23	26
Chloride	mg/L	7.3	12	12	8.3	13	2.6	7.9	11
Fluoride	mg/L	0.20	0.063 J	0.043 J	0.060 J	0.39	0.070 J	0.20	0.059 J
pH, Field	SU	7.35	6.96	6.99	7.39	7.08	7.71	7.90	6.98
Sulfate	mg/L	65	210	86	88	64	2.1	68	130
TDS	mg/L	170	400	190	220	250	89	190	280
STATE REQUIRED INORGANICS									
Chemical Oxygen Demand	mg/L	< 9.1	< 9.1	< 9.1	NA	NA	NA	< 9.1	NA
Cyanide	mg/L	< 0.0080	< 0.0080	< 0.0080	NA	NA	NA	< 0.0080	NA
Organic Carbon, Total	mg/L	5.8	1.7	0.88 J	NA	NA	NA	2.6	NA
STATE REQUIRED METALS									
Antimony	mg/L	< 0.00097	< 0.00097	< 0.00097	< 0.00097	< 0.00097	< 0.00097	< 0.00097	< 0.00097
Arsenic	mg/L	0.00066 J	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	0.00041 J	< 0.00028
Barium	mg/L	0.066	0.082	0.052	0.055	0.041	0.024	0.051	0.066
Beryllium	mg/L	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027
Cadmium	mg/L	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022
Chromium	mg/L	< 0.0015	< 0.0015	< 0.0015	< 0.0015	0.0018 J	< 0.0015	< 0.0015	0.0020
Cobalt	mg/L	< 0.00026	0.0069	0.0049	0.0017 J	< 0.00026	0.00091 J	0.00027 J	0.0052
Copper	mg/L	0.0034	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	0.0016 J	0.0016 J
Lead	mg/L	< 0.00038	< 0.00038	< 0.00038	< 0.00038	< 0.00038	< 0.00038	< 0.00038	< 0.00038
Mercury	mg/L	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013
Nickel	mg/L	0.00090 J	0.0011	0.0011	0.00062 J	0.00079 J	0.00052 J	< 0.00052	0.0010
Selenium	mg/L	0.0014 J	< 0.00074	< 0.00074	< 0.00074	0.0020 J	< 0.00074	0.00079 J	< 0.00074
Silver	mg/L	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022
Thallium	mg/L	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047
Vanadium	mg/L	0.0031	0.00091 J	0.0011	0.0013	0.0052	0.0028	0.0024	0.0062
Zinc	mg/L	0.0084 J	< 0.0060	< 0.0060	< 0.0060	< 0.0060	< 0.0060	0.0075 J	< 0.0060
MAJOR IONS									
Alkalinity Total as CaCO3	mg/L	61	60	36	62	100	61	74	55
Bicarbonate Alkalinity as CaCO3	mg/L	61	60	36	62	100	61	74	55
Carbonate Alkalinity as CaCO3	mg/L	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Magnesium	mg/L	9.3	24	10	13	13	5.4	11	14
Potassium	mg/L	3.4	1.5	1.6	1.3	2.9	1.1	2.0	1.4
Sodium	mg/L	24	54	31	29	9.9	6.4	22	33
FIELD PARAMETERS									
Oxidation Reduction Potential, Field	mV	65.98	10.5	32.20	12.60	40.38	14.77	45.50	18.20
pH, Field	SU	7.35	6.96	6.99	7.39	7.08	7.71	7.90	6.98
RDO Concentration, Field	mg/L	7.35	8.03	8.19	8.40	6.00	8.12	9.44	8.10
Specific Conductance, Field	uS/cm	262.97	547.52	276.67	308.56	337.75	100.17	270.66	342
Temperature, Field	deg C	19.30	17.7	16.54	19.03	21.46	24.38	22.00	16.39
Turbidity, Field	NTU	9.11	6.47	12.7	47.4	15.5	9.40	14.4	34.1

Notes:

mg/L - milligrams per liter; SU - Standard Units; mV - millivolts; C - degrees Celcius; NTU - Nephelometric Turbidity Unit; uS/cm - microsiemens per centimeter.

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Samples from SWC-9 were not collected as the location was dry at the time of sampling.

**Historical Surface Water
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Plant Scherer - Surface Water
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Sample Location	SWA-3	SWC-8	SWA-1	SWA-2	SWC-4	SWC-5	SWC-6	SWC-7	SWA-3	SWC-8
Sample Date	11/16/2022	11/16/2022	10/26/2022	10/26/2022	10/26/2022	10/26/2022	10/26/2022	10/26/2022	10/25/2022	10/25/2022
ANALYTE	UNITS									
APPENDIX III										
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoride	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
pH, Field	SU	6.50	6.59	9	7.33	7.45	7.17	7.41	7.48	6.86
Sulfate	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
TDS	mg/L	250	280	310	450	240	180	110	230	150 H
STATE REQUIRED INORGANICS										
Chemical Oxygen Demand	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Organic Carbon, Total	mg/L	NA	NA	4.7	2.0	NA	NA	NA	3.3	1.2
STATE REQUIRED METALS										
Antimony	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
MAJOR IONS										
Alkalinity Total as CaCO3	mg/L	NA	NA	73	55	63	100	NA	NA	43
Bicarbonate Alkalinity as CaCO3	mg/L	NA	NA	49	55	63	100	NA	NA	43
Carbonate Alkalinity as CaCO3	mg/L	NA	NA	25	< 5.0	< 5.0	< 5.0	NA	NA	< 5.0
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
FIELD PARAMETERS										
Oxidation Reduction Potential, Field	mV	109.55	70.98	22.2	209.48	15	-16.58	34.24	35.18	48.88
pH, Field	SU	6.50	6.59	9	7.33	7.45	7.17	7.41	7.48	6.86
RDO Concentration, Field	mg/L	10.52	10.32	11.85	11.95	10.09	3.65	8.16	9.64	7.28
Specific Conductance, Field	uS/cm	410.18	424.52	499.67	981.85	355.83	284.27	139.03	376.62	250
Temperature, Field	deg C	13.98	13.81	25.94	17.42	17.86	17.65	18.32	17.07	21.51
Turbidity, Field	NTU	3.55	14.7	5.76	5.76	4.27	53.4	4.78	3.54	2.33

Notes:

mg/L - milligrams per liter; SU - Standard Units; mV - millivolts; C - degrees Celcius; NTU - Nephelometric Turbidity Unit; uS/cm - microsiemens per centimeter.

NA - Indicates substance not analyzed

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SWA-1, SWA-2, SWA-3, and SWC-7 are sampled for chemical oxygen demand (COD), Cyanide, and total organic carbon (TOC) per site D&O Plan.

H - Sample analysis performed beyond the recognized method holding time.

**Historical Surface Water
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Plant Scherer - Surface Water
Monroe County, GA**

Sample Location		SWA-1	SWA-2	SWA-3	SWC-4	SWC-5	SWC-6	SWC-7	SWC-8
Sample Date		08/30/2022	08/30/2022	08/30/2022	08/30/2022	08/30/2022	08/30/2022	08/30/2022	08/30/2022
ANALYTE	UNITS								
APPENDIX III									
Boron	mg/L	0.13	1.4	0.62	0.62	0.080	< 0.060	0.40	0.89
Calcium	mg/L	26	40	14	26	31	11	26	29
Chloride	mg/L	33	13	11	9.2	9.0	2.5	32	11
Fluoride	mg/L	0.64	0.070 J	0.047 J	0.060 J	0.31	0.12	0.58	0.061 J
pH, Field	SU	7.89	7.29	7.23	7.71	7.27	7.97	8.09	7.31
Sulfate	mg/L	120	220	66	100	26	1.3	120	140
TDS	mg/L	370 H	460 H	180 H	270 H	210 H	100 H	370 H	330 H
STATE REQUIRED INORGANICS									
Chemical Oxygen Demand	mg/L	30	< 9.1	< 9.1	NA	NA	NA	20	NA
Cyanide	mg/L	< 0.0080	< 0.0080	< 0.0080	NA	NA	NA	< 0.0080	NA
Organic Carbon, Total	mg/L	8.3 H	1.8 H	0.91 J,H	NA	NA	NA	7.1 H	NA
STATE REQUIRED METALS									
Antimony	mg/L	< 0.00051	< 0.00051	< 0.00051	< 0.00051	< 0.00051	< 0.00051	< 0.00051	< 0.00051
Arsenic	mg/L	0.0012	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	0.0010	< 0.00028
Barium	mg/L	0.099	0.076	0.042	0.050	0.029	0.024	0.10	0.064
Beryllium	mg/L	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027
Cadmium	mg/L	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022
Chromium	mg/L	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015
Cobalt	mg/L	< 0.00026	0.0053	0.0032	0.0013 J	0.00048 J	0.00089 J	0.00043 J	0.0038
Copper	mg/L	0.0055	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	0.0063	< 0.0011
Lead	mg/L	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017
Mercury	mg/L	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013
Nickel	mg/L	0.012	0.0011	0.0011	0.00068 J	0.00087 J	0.0014	0.0038	0.00074 J
Selenium	mg/L	0.0017 J	< 0.00074	< 0.00074	< 0.00074	< 0.00074	< 0.00074	0.0014 J	< 0.00074
Silver	mg/L	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022
Thallium	mg/L	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047
Vanadium	mg/L	0.0040	0.00083 J	0.0019	0.0015	0.0020	0.0029	0.0052	0.0015
Zinc	mg/L	0.0035 J	< 0.0029	0.0033 J	< 0.0029	< 0.0029	0.0063	0.0051	0.0096
MAJOR IONS									
Alkalinity Total as CaCO3	mg/L	93 H	59 H	37 H	64 H	110 H	62	91	60
Bicarbonate Alkalinity as CaCO3	mg/L	93 H	59 H	37 H	64 H	110 H	62	91	60
Carbonate Alkalinity as CaCO3	mg/L	< 5.0 H	< 5.0 H	< 5.0 H	< 5.0 H	< 5.0 H	< 5.0	< 5.0	< 5.0
Magnesium	mg/L	14	22	8.9	14	10	5.7	15	16
Potassium	mg/L	11	1.6	1.5	1.4	2.6	1.0	11	1.4
Sodium	mg/L	62	47	23	27	8.9	6.3	63	34
FIELD PARAMETERS									
Oxidation Reduction Potential, Field	mV	99.4	12.48	17.35	80.44	52.31	25.66	51.86	28.69
pH, Field	SU	7.89	7.29	7.23	7.71	7.27	7.97	8.09	7.31
RDO Concentration, Field	mg/L	7.15	7.3	7.37	7.34	4.18	7.68	7.08	6.76
Specific Conductance, Field	uS/cm	618.55	648.15	281.25	407.73	314.71	142.55	589.44	472
Temperature, Field	deg C	27.34	25.44	25.74	24.96	25.07	25.27	28.44	26.63
Turbidity, Field	NTU	4.68	4.37	5.35	3.6	1.06	6.67	2.99	3.95

Notes:

mg/L - milligrams per liter; SU - Standard Units; mV - millivolts; C - degrees Celcius; NTU - Nephelometric Turbidity Unit; uS/cm - microsiemens per centimeter.

NA - Indicates substance not analyzed

< indicates the substance was not detected above the reporting limit (RL). The value displayed is the RL.

J - The result is an estimated concentration. "J" qualifiers are applied by the laboratory when the concentration reported is above the method detection limit, but below the laboratory reporting limit.

SWA-1, SWA-2, SWA-3, and SWC-7 are sampled for chemical oxygen demand (COD), Cyanide, and total organic carbon (TOC) per site D&O Plan.

H - Sample analysis performed beyond the recognized method holding time.

**Historical Surface Water
Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA**

Sample Location	SWA-1	SWA-2	SWA-3	SWC-4	SWC-5	SWC-6	SWC-7	SWC-8	SWC-9	
Sample Date	02/16/2022	02/16/2022	02/16/2022	02/16/2022	02/16/2022	02/16/2022	02/16/2022	02/16/2022	02/16/2022	
ANALYTE	UNITS									
APPENDIX III										
Boron	mg/L	0.29	1.1	0.76	0.63	0.091	< 0.060	0.38	0.82	0.064 J
Calcium	mg/L	19	33	14	20	38	8.5	19	24	9.9
Chloride	mg/L	11	10	12	9.0	13	3.0	7.8	10	3.3
Fluoride	mg/L	0.33	0.076 J	0.055 J	0.067 J	0.29	0.086 J	0.12	0.059 J	0.12
pH, Field	SU	7.82	7.02	6.98	7.29	7.15	7.42	7.39	7.05	7.15
Sulfate	mg/L	72	170	110	98	55	1.4	69	140	2.7
TDS	mg/L	170	340	200	200	230	66	190	250	80
STATE REQUIRED INORGANICS										
Chemical Oxygen Demand	mg/L	16	< 9.1	< 9.1	NA	NA	NA	< 9.1	NA	NA
Cyanide	mg/L	< 0.0080	0.011	< 0.0080	NA	NA	NA	< 0.0080	NA	NA
Organic Carbon, Total	mg/L	5.4	1.4	0.77 J	NA	NA	NA	2.4	NA	NA
STATE REQUIRED METALS										
Antimony	mg/L	< 0.00051	< 0.00051	< 0.00051	< 0.00051	< 0.00051	< 0.00051	< 0.00051	< 0.00051	< 0.00051
Arsenic	mg/L	0.00036 J	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028
Barium	mg/L	0.060	0.063	0.045	0.053	0.045	0.033	0.057	0.058	0.020
Beryllium	mg/L	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027
Cadmium	mg/L	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022
Chromium	mg/L	< 0.0015	< 0.0015	< 0.0015	< 0.0015	0.0015 J	< 0.0015	0.0020	< 0.0015	0.0060
Cobalt	mg/L	< 0.00026	0.0060	0.014	0.0041	< 0.00026	0.0037	0.0016 J	0.0076	< 0.00026
Copper	mg/L	0.0033	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	0.0017 J	< 0.0011	< 0.0011
Lead	mg/L	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	0.00017 J	< 0.00017	0.00025 J
Mercury	mg/L	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013
Nickel	mg/L	0.00095 J	0.00097 J	0.0026	0.00092 J	< 0.00052	< 0.00052	0.0010	0.0013	< 0.00052
Selenium	mg/L	0.00081 J	< 0.00074	< 0.00074	< 0.00074	< 0.00029 J	< 0.00074	< 0.00074	< 0.00074	< 0.00074
Silver	mg/L	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022
Thallium	mg/L	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047
Vanadium	mg/L	0.0033	< 0.00078	< 0.00078	0.0012	0.0026	0.0014	0.0044	< 0.00078	0.0072
Zinc	mg/L	0.0054	< 0.0029	0.0062	< 0.0029	< 0.0029	< 0.0029	< 0.0029	< 0.0029	< 0.0029
MAJOR IONS										
Alkalinity Total as CaCO3	mg/L	51	56	22	50	93	55	61	43	55
Bicarbonate Alkalinity as CaCO3	mg/L	51	56	22	50	93	55	61	43	55
Carbonate Alkalinity as CaCO3	mg/L	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Magnesium	mg/L	8.1	20	11	12	13	5.1	10	14	4.8
Potassium	mg/L	3.5	1.1	1.7	1.1	2.8	0.84	1.7	1.2	1.4
Sodium	mg/L	23	42	33	27	9.9	5.9	21	34	6.0
FIELD PARAMETERS										
Oxidation Reduction Potential, Field	mV	94.2	20	29.7	61.1	56.4	44.5	62.6	34.5	52.4
pH, Field	SU	7.82	7.02	6.98	7.29	7.15	7.42	7.39	7.05	7.15
RDO Concentration, Field	mg/L	11.55	9.49	9.88	10.94	10.04	10.62	11.22	10.04	9.1
Specific Conductance, Field	uS/cm	281.96	505.83	337.46	329.44	355.4	111.19	281.87	409.56	117.86
Temperature, Field	deg C	8.66	15.43	14.17	9.36	10.69	11.95	11.84	14.72	15.71
Turbidity, Field	NTU	13.2	6.16	2.48	7.33	0.88	7.74	19.8	3.58	4.5

Notes:

mg/L - milligrams per liter; SU - Standard Units; mV - millivolts; C - degrees Celcius; NTU - Nephelometric Turbidity Unit; uS/cm - microsiemens per centimeter.

NA - Indicates substance not analyzed

< indicates the substance was not detected above the reporting limit (RL). The value displayed is the RL.

J - The result is an estimated concentration. "J" qualifiers are applied by the laboratory when the concentration reported is above the method detection limit, but below the laboratory reporting limit.

SWA-1, SWA-2, SWA-3, and SWC-7 are sampled for chemical oxygen demand (COD), Cyanide, and total organic carbon (TOC) per site D&O Plan.

**Historical Surface Water
Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA**

Sample Location		SWA-2	SWA-3	SWC-4	SWC-5	SWC-6	SWC-7	SWC-8	SWC-9
Sample Date		08/13/2021	08/13/2021	08/13/2021	08/13/2021	08/13/2021	08/13/2021	08/13/2021	08/13/2021
ANALYTE	UNITS								
APPENDIX III									
Boron	mg/L	1.6	0.51	0.75	0.048 J	< 0.039	0.52	1.1	< 0.039
Calcium	mg/L	46	13	28	31	12	22	33	9.7
Chloride	mg/L	13	12	9.3	11	2.9	6.7	12	2.8
Fluoride	mg/L	0.064 J	0.053 J	0.073 J	0.26	0.087 J	0.14	0.061 J	0.099 J
pH, Field	SU	7.07	7.23	7.33	7	7.63	7.49	7.3	7.04
Sulfate	mg/L	270	64	120	31	1	58	180	2.7
TDS	mg/L	500	180	280	200	120	180	360	98
STATE REQUIRED INORGANICS									
Chemical Oxygen Demand	mg/L	< 9.1	< 9.1	NA	NA	NA	< 9.1	NA	NA
Cyanide	mg/L	0.016	< 0.008	NA	NA	NA	< 0.008	NA	NA
Organic Carbon, Total	mg/L	1.4	0.91 J	NA	NA	NA	3.3	NA	NA
STATE REQUIRED METALS									
Antimony	mg/L	< 0.00038	< 0.00038	< 0.00038	< 0.00038	< 0.00038	< 0.00038	< 0.00038	< 0.00038
Arsenic	mg/L	< 0.00031	< 0.00031	< 0.00031	< 0.00031	0.00032 J	0.00033 J	< 0.00031	< 0.00031
Barium	mg/L	0.093	0.038	0.062	0.036	0.023	0.056	0.069	0.02
Beryllium	mg/L	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018
Cadmium	mg/L	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022
Chromium	mg/L	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	0.0057
Cobalt	mg/L	0.0064	0.0022 J	0.0017 J	0.00063 J	0.0012 J	0.00039 J	0.0032	< 0.00013
Copper	mg/L	< 0.00063	< 0.00063	< 0.00063	< 0.00063	< 0.00063	0.0014 J	< 0.00063	< 0.00063
Lead	mg/L	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013
Mercury	mg/L	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013
Nickel	mg/L	0.0014	0.00071 J	0.00075 J	0.00048 J	0.0004 J	0.00056 J	0.00087 J	0.0005 J
Selenium	mg/L	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015
Silver	mg/L	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018
Thallium	mg/L	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015
Vanadium	mg/L	< 0.00099	0.0012	0.0021	0.0022	0.0027	0.003	0.001	0.0072
Zinc	mg/L	< 0.0032	< 0.0032	< 0.0032	< 0.0032	< 0.0032	< 0.0032	< 0.0032	< 0.0032
MAJOR IONS									
Alkalinity Total as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Bicarbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
FIELD PARAMETERS									
Oxidation Reduction Potential, Field	mV	181.7	213.6	263.7	198.1	370.5	415.3	289.9	359.3
pH, Field	SU	7.07	7.23	7.33	7	7.63	7.49	7.3	7.04
RDO Concentration, Field	mg/L	7.1	7.45	7.38	4.52	7.83	6.72	7.23	8.41
Specific Conductance, Field	uS/cm	706.2	263.8	418.4	355	151.6	287.8	528.3	125.6
Temperature, Field	deg C	25.32	25.28	24.48	24.8	24.88	26.88	26.37	23.3
Turbidity, Field	NTU	4.44	3.99	1.5	1.56	10.02	3.49	3.31	0.32

Notes:

mg/L - milligrams per liter; SU - Standard Units; mV - millivolts; C - degrees Celcius; NTU - Nephelometric Turbidity Unit; uS/cm - microsiemens per centimeter.

NA - Indicates substance not analyzed

< indicates the substance was not detected above the reporting limit (RL). The value displayed is the RL.

J - The result is an estimated concentration. "J" qualifiers are applied by the laboratory when the concentration reported is above the method detection limit, but below the laboratory reporting limit.

SWA-1, SWA-2, SWA-3, and SWC-7 are sampled for chemical oxygen demand (COD), Cyanide, and total organic carbon (TOC) per site D&O Plan.

Samples from SWA-1 were not collected as the location was dry at the time of sampling.

**Historical Surface Water
Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA**

Sample Location		SWA-3	SWC-4	SWC-6	SWC-7	SWC-8	SWC-9
Sample Date		04/07/2021	04/07/2021	04/07/2021	04/07/2021	04/07/2021	04/07/2021
ANALYTE	UNITS						
APPENDIX III							
Boron	mg/L	0.53	0.54	< 0.039	0.35	0.78	< 0.039
Calcium	mg/L	14	22	10	21	27	10
Chloride	mg/L	11	8	2.6	6.8	11	2.4
Fluoride	mg/L	0.039 J	0.067 J	0.093 J	0.085 J	0.031 J	0.076 J
pH, Field	SU	6.97	7.5	7.73	7.51	7.17	6.71
Sulfate	mg/L	90	90	0.98 J	60	140	2.3
TDS	mg/L	160	200	83	150	250	85
STATE REQUIRED INORGANICS							
Chemical Oxygen Demand	mg/L	< 9.1	NA	NA	< 9.1	NA	NA
Cyanide	mg/L	< 0.008	NA	NA	< 0.008	NA	NA
Organic Carbon, Total	mg/L	0.88 J	NA	NA	1.9	NA	NA
STATE REQUIRED METALS							
Antimony	mg/L	< 0.00038	< 0.00038	< 0.00038	< 0.00038	< 0.00038	< 0.00038
Arsenic	mg/L	< 0.00031	< 0.00031	< 0.00031	< 0.00031	< 0.00031	< 0.00031
Barium	mg/L	0.047	0.048	0.029	0.049	0.062	0.019
Beryllium	mg/L	< 0.00018	0.00022 J	< 0.00018	< 0.00018	< 0.00018	< 0.00018
Cadmium	mg/L	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022
Chromium	mg/L	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	0.006
Cobalt	mg/L	0.0054	0.0025	0.0029	0.0011 J	0.0056	0.00027 J
Copper	mg/L	< 0.00063	< 0.00063	< 0.00063	0.00085 J	< 0.00063	< 0.00063
Lead	mg/L	< 0.00013	0.00018 J	< 0.00013	< 0.00013	< 0.00013	< 0.00013
Mercury	mg/L	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013
Nickel	mg/L	0.0013	0.00076 J	0.00051 J	0.00056 J	0.00091 J	< 0.00034
Selenium	mg/L	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015
Silver	mg/L	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018
Thallium	mg/L	< 0.00015	0.00037 J	< 0.00015	< 0.00015	< 0.00015	< 0.00015
Vanadium	mg/L	0.0018	0.0011	0.0017	0.0014	< 0.00099	0.0062
Zinc	mg/L	0.0035 J	< 0.0032	< 0.0032	< 0.0032	< 0.0032	< 0.0032
MAJOR IONS							
Alkalinity Total as CaCO3	mg/L	NA	NA	NA	NA	NA	NA
Bicarbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA
FIELD PARAMETERS							
Oxidation Reduction Potential, Field	mV	54.1	73.2	71.2	79.3	61.3	82
pH, Field	SU	6.97	7.5	7.73	7.51	7.17	6.71
RDO Concentration, Field	mg/L	7.97	9.19	9.12	9.83	8.26	7.83
Specific Conductance, Field	uS/cm	296.44	331.3	137.85	268.92	426.74	120.95
Temperature, Field	deg C	23.83	21.02	21.5	22.43	24.06	20.99
Turbidity, Field	NTU	3.49	5.7	12.19	6.78	5.58	0.9

Notes:

mg/L - milligrams per liter; SU - Standard Units; mV - millivolts; C - degrees Celcius; NTU - Nephelometric Turbidity Unit; uS/cm - microsiemens per centimeter.

NA - Indicates substance not analyzed

< indicates the substance was not detected above the reporting limit (RL). The value displayed is the RL.

J - The result is an estimated concentration. "J" qualifiers are applied by the laboratory when the concentration reported is above the method detection limit, but below the laboratory reporting limit.

SWA-1, SWA-2, SWA-3, and SWC-7 are sampled for chemical oxygen demand (COD), Cyanide, and total organic carbon (TOC) per site D&O Plan.

Samples from SWC-5 were not collected as the location was dry at the time of sampling.

**Historical Surface Water
Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA**

Sample Location	SWA-1	SWA-2	SWA-3	SWC-4	SWC-5	SWC-6	SWC-7	SWC-8	SWC-9	
Sample Date	09/15/2020	09/15/2020	09/15/2020	09/15/2020	09/15/2020	09/15/2020	09/15/2020	09/15/2020	09/15/2020	
ANALYTE	UNITS									
APPENDIX III										
Boron	mg/L	0.34	1.5	0.48	0.7	0.056 J	< 0.039	0.33	1.1	0.043 J
Calcium	mg/L	20	45	13	27	35	13	21	32	9.7
Chloride	mg/L	11	12	10	10	14	3.2	12	12	3.2
Fluoride	mg/L	0.16	0.042 J	< 0.026	0.035 J	0.15	0.061 J	0.18	0.043 J	0.079 J
pH, Field	SU	7.17	7.09	7.37	7.33	7.31	7.5	7.39	7.36	7.29
Sulfate	mg/L	62	220	69	120	44	0.73 J	67	170	5.3
TDS	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
STATE REQUIRED INORGANICS										
Chemical Oxygen Demand	mg/L	10	< 4.1	< 4.1	NA	NA	NA	44	NA	NA
Cyanide	mg/L	< 0.0044	< 0.0044	< 0.0044	NA	NA	NA	< 0.0044	NA	NA
Organic Carbon, Total	mg/L	3.2	1.4	0.69 J	NA	NA	NA	3.1	NA	NA
STATE REQUIRED METALS										
Antimony	mg/L	< 0.00038	< 0.00038	< 0.00038	< 0.00038	0.00042 J	< 0.00038	< 0.00038	< 0.00038	< 0.00038
Arsenic	mg/L	0.0007 J	< 0.00031	< 0.00031	< 0.00031	< 0.00031	< 0.00031	0.00063 J	< 0.00031	< 0.00031
Barium	mg/L	0.075	0.09	0.044	0.071	0.04	0.038	0.071	0.073	0.023
Beryllium	mg/L	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018
Cadmium	mg/L	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022
Chromium	mg/L	< 0.0015	< 0.0015	< 0.0015	0.0022	0.0023	< 0.0015	< 0.0015	< 0.0015	0.0053
Cobalt	mg/L	< 0.00013	0.0059	0.003	0.003	0.0012 J	0.0028	0.00035 J	0.0032	< 0.00013
Copper	mg/L	0.002	< 0.00063	< 0.00063	0.0012 J	0.0012 J	< 0.00063	0.0019 J	< 0.00063	< 0.00063
Lead	mg/L	< 0.00013	< 0.00013	< 0.00013	0.0005 J	0.0005 J	< 0.00013	< 0.00013	< 0.00013	< 0.00013
Mercury	mg/L	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013
Nickel	mg/L	0.00068 J	0.00093 J	0.00091 J	0.0011	0.00099 J	0.00057 J	0.00096 J	0.00077 J	0.00051 J
Selenium	mg/L	< 0.0015	< 0.0015	< 0.0015	< 0.0015	0.0019 J	< 0.0015	< 0.0015	< 0.0015	< 0.0015
Silver	mg/L	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018
Thallium	mg/L	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015
Vanadium	mg/L	0.004	0.0013	0.0025	0.0068	0.0076	0.0029	0.0042	0.0019	0.0076
Zinc	mg/L	< 0.0032	< 0.0032	< 0.0032	< 0.0032	< 0.0032	< 0.0032	< 0.0032	< 0.0032	< 0.0032
MAJOR IONS										
Alkalinity Total as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bicarbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
FIELD PARAMETERS										
Oxidation Reduction Potential, Field	mV	115.2	34.2	44.7	87.6	68.5	56.7	71.3	60.5	57.7
pH, Field	SU	7.17	7.09	7.37	7.33	7.31	7.5	7.39	7.36	7.29
RDO Concentration, Field	mg/L	6.79	6.94	7.73	7.47	4.88	7.7	7.49	7.58	8.09
Specific Conductance, Field	uS/cm	323.39	656.87	263.16	421.07	343.04	157.24	320.91	508.04	123.72
Temperature, Field	deg C	26.69	22.31	21.9	23.43	22.75	22.7	24.52	22.48	21.43
Turbidity, Field	NTU	2.19	3.43	6.58	9.25	24	12.4	5.19	4.45	0.97

Notes:

mg/L - milligrams per liter; SU - Standard Units; mV - millivolts; C - degrees Celcius; NTU - Nephelometric Turbidity Unit; uS/cm - microsiemens per centimeter.

NA - Indicates substance not analyzed

< indicates the substance was not detected above the reporting limit (RL). The value displayed is the RL.

J - The result is an estimated concentration. "J" qualifiers are applied by the laboratory when the concentration reported is above the method detection limit, but below the laboratory reporting limit.

SWA-1, SWA-2, SWA-3, and SWC-7 are sampled for chemical oxygen demand (COD), Cyanide, and total organic carbon (TOC) per site D&O Plan.

**Historical Surface Water
Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA**

Sample Location		SWA-1	SWA-2	SWA-3	SWC-4	SWC-5	SWC-6	SWC-7	SWC-8
Sample Date		03/30/2020	03/30/2020	03/30/2020	03/30/2020	03/30/2020	03/30/2020	03/30/2020	03/30/2020
ANALYTE	UNITS								
APPENDIX III									
Boron	mg/L	0.3	0.57	0.58	0.52	0.077 J	< 0.039	0.29	0.66
Calcium	mg/L	18	13	13	20	50	11	18	23
Chloride	mg/L	3.5	10	11	7.6	22	2.4	5.4	9.5
Fluoride	mg/L	0.048 J	< 0.026	< 0.026	< 0.026	0.14	< 0.026	0.039 J	< 0.026
pH, Field	SU	7.98	6.8	6.96	7.24	7.23	7.38	7.41	6.77
Sulfate	mg/L	41	86	91	89	86	1.2	50	120
TDS	mg/L	120	200	200	220	300	100	160	270
STATE REQUIRED INORGANICS									
Chemical Oxygen Demand	mg/L	< 9.1	< 9.1	< 9.1	NA	NA	NA	17	NA
Cyanide	mg/L	< 0.0044	< 0.0044	< 0.0044	NA	NA	NA	< 0.0044	NA
Organic Carbon, Total	mg/L	3.4	1.0	1.0	NA	NA	NA	1.8	NA
STATE REQUIRED METALS									
Antimony	mg/L	< 0.00038	< 0.00038	< 0.00038	< 0.00038	< 0.00038	< 0.00038	< 0.00038	< 0.00038
Arsenic	mg/L	< 0.00031	< 0.00031	< 0.00031	< 0.00031	< 0.00031	< 0.00031	< 0.00031	< 0.00031
Barium	mg/L	0.036	0.041	0.042	0.044	0.036	0.032	0.045	0.052
Beryllium	mg/L	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018
Cadmium	mg/L	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022
Chromium	mg/L	< 0.0015	< 0.0015	< 0.0015	< 0.0015	0.0028	< 0.0015	< 0.0015	< 0.0015
Cobalt	mg/L	0.00014 J	0.0031	0.0038	0.0013 J	0.00045 J	0.0028	0.0013 J	0.0031
Copper	mg/L	0.0028	< 0.00063	0.0013 J	0.0025	< 0.00063	< 0.00063	0.0014 J	< 0.00063
Lead	mg/L	< 0.00013	< 0.00013	0.00013 J	0.00029 J	< 0.00013	< 0.00013	0.00025 J	< 0.00013
Mercury	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Nickel	mg/L	0.00065 J	0.0014	0.0018	0.00064 J	0.00068 J	0.00039 J	0.0009 J	0.00087 J
Selenium	mg/L	< 0.0015	< 0.0015	< 0.0015	< 0.0015	0.0056	< 0.0015	< 0.0015	< 0.0015
Silver	mg/L	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018
Thallium	mg/L	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015
Vanadium	mg/L	0.0029	0.0011	0.0023	0.0019	0.0045	0.0024	0.004	0.0013
Zinc	mg/L	0.0032 J	0.0039 J	0.005	< 0.0032	0.0042 J	< 0.0032	< 0.0032	< 0.0032
MAJOR IONS									
Alkalinity Total as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Bicarbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
FIELD PARAMETERS									
Oxidation Reduction Potential, Field	mV	130	83.5	87.65	95.4	108.1	71.5	87.4	76.1
pH, Field	SU	7.98	6.8	6.96	7.24	7.23	7.38	7.41	6.77
RDO Concentration, Field	mg/L	8.61	8.8	8.6	8.35	10.1	8.87	9.16	7.99
Specific Conductance, Field	uS/cm	247.1	268.3	275.7	298	438.5	120.9	227.3	356.2
Temperature, Field	deg C	24.67	19.5	19.79	20.22	21.73	19.75	19.39	20.15
Turbidity, Field	NTU	5	5.07	4.62	4.93	4.59	11.2	6.18	4.16

Notes:

mg/L - milligrams per liter; SU - Standard Units; mV - millivolts; C - degrees Celcius; NTU - Nephelometric Turbidity Unit; uS/cm - microsiemens per centimeter.

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J - The result is an estimated concentration. "J" qualifiers are applied by the laboratory when the concentration reported is above the method detection limit, but below the laboratory reporting limit.

SWA-1, SWA-2, SWA-3, and SWC-7 are sampled for chemical oxygen demand (COD), Cyanide, and total organic carbon (TOC) per site D&O Plan.

**Historical Surface Water
Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA**

Sample Location		SWA-2	SWA-3	SWC-4	SWC-5	SWC-6	SWC-7	SWC-8
Sample Date		09/12/2019	09/12/2019	09/12/2019	09/12/2019	09/12/2019	09/12/2019	09/12/2019
ANALYTE	UNITS							
APPENDIX III								
Boron	mg/L	2.1	0.38	0.58	0.057	< 0.039	0.43	1.1
Calcium	mg/L	62	15	25	33	15	25	34
Chloride	mg/L	10	8.5	5.4	9.9	1.9	6.0	8.4
Fluoride	mg/L	0.054 J	0.033 J	0.049 J	0.13	0.063 J	0.13	0.050 J
pH, Field	SU	7.24	7.48	7.50	7.26	7.57	7.47	7.29
Sulfate	mg/L	390	48	77	38	0.82 J	65	170
TDS	mg/L	620	110	250	250	100	220	370
STATE REQUIRED INORGANICS								
Chemical Oxygen Demand	mg/L	32	22	NA	NA	NA	< 9.1	NA
Cyanide	mg/L	< 0.0044	< 0.0044	NA	NA	NA	< 0.0044	NA
Organic Carbon, Total	mg/L	1.8	0.89 J	NA	NA	NA	2.1	NA
STATE REQUIRED METALS								
Antimony	mg/L	< 0.00038	< 0.00038	< 0.00038	< 0.00038	< 0.00038	< 0.00038	< 0.00038
Arsenic	mg/L	< 0.00032	< 0.00032	< 0.00032	< 0.00032	< 0.00032	0.00049 J	< 0.00032
Barium	mg/L	0.094	0.036	0.046	0.045	0.023	0.059	0.063
Beryllium	mg/L	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018
Cadmium	mg/L	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013
Chromium	mg/L	< 0.0015	0.0020 J	< 0.0015	0.0037	0.0024 J	< 0.0015	0.0015 J
Cobalt	mg/L	0.0018 J	0.00083 J	0.00064 J	0.0014 J	0.00067 J	0.00046 J	0.0014 J
Copper	mg/L	< 0.00063	< 0.00063	< 0.00063	0.0012 J	< 0.00063	0.0010 J	< 0.00063
Lead	mg/L	< 0.00013	< 0.00013	< 0.00013	0.00024 J	< 0.00013	0.00014 J	< 0.00013
Mercury	mg/L	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010
Nickel	mg/L	0.00064 J	0.00068 J	< 0.00034	0.00055 J	< 0.00034	0.00050 J	0.00042 J
Selenium	mg/L	< 0.0015	< 0.0015	< 0.0015	0.0024 J	< 0.0015	< 0.0015	< 0.0015
Silver	mg/L	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018
Thallium	mg/L	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	0.00020 J	0.00023 J
Vanadium	mg/L	< 0.00099	0.0017	0.0018	0.0076	0.0032	0.0034	0.0014
Zinc	mg/L	0.0043 J	0.0054	0.0047 J	0.0047 J	0.0042 J	0.0037 J	0.0037 J
MAJOR IONS								
Alkalinity Total as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Bicarbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
FIELD PARAMETERS								
Oxidation Reduction Potential, Field	mV	86.1	72.9	131	84.4	64.6	86.9	81.1
pH, Field	SU	7.24	7.48	7.50	7.26	7.57	7.47	7.29
RDO Concentration, Field	mg/L	7.2	7.66	7.42	5.74	8.24	6.56	6.53
Specific Conductance, Field	uS/cm	886.8	235.7	380.8	315.7	156.5	326.7	520.6
Temperature, Field	deg C	24.58	23.88	24.15	22.95	23.01	24.24	24.05
Turbidity, Field	NTU	1.21	2.47	1.68	12.9	21.7	4.62	2.79

Notes:

mg/L - milligrams per liter; SU - Standard Units; mV - millivolts; C - degrees Celcius; NTU - Nephelometric Turbidity Unit; uS/cm - microsiemens per centimeter.

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SWA-1, SWA-2, SWA-3, and SWC-7 are sampled for chemical oxygen demand (COD), Cyanide, and total organic carbon (TOC) per site D&O Plan.

Samples from SWA-1 were not collected as the location was dry at the time of sampling.

**Historical Surface Water
Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA**

Sample Location		SWA-2	SWA-3	SWC-4	SWC-5	SWC-6	SWC-7	SWC-8
Sample Date		04/01/2019	04/01/2019	04/01/2019	04/01/2019	04/01/2019	04/01/2019	04/01/2019
ANALYTE	UNITS							
APPENDIX III								
Boron	mg/L	1.2	0.59	0.63	0.061	< 0.021	0.51	0.87
Calcium	mg/L	35	13	22	37	10	23	26
Chloride	mg/L	12	10	8.1	16	2.3	8.7	9.9
Fluoride	mg/L	0.028 J	< 0.026	< 0.026	0.12 J	0.037 J	0.081 J	< 0.026
pH, Field	SU	6.77	7.07	7.2	6.8	7.42	7.37	7.12
Sulfate	mg/L	200	88	110	63	1.3	87	140
TDS	mg/L	400	210	250	260	100	230	300
STATE REQUIRED INORGANICS								
Chemical Oxygen Demand	mg/L	19	15	NA	NA	NA	< 9.1	NA
Cyanide	mg/L	< 0.0044	< 0.0044	NA	NA	NA	< 0.0044	NA
Organic Carbon, Total	mg/L	1.4	0.67 J	NA	NA	NA	1.7	NA
STATE REQUIRED METALS								
Antimony	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Arsenic	mg/L	< 0.00046	< 0.00046	< 0.00046	< 0.00046	0.0010 J	0.0011 J	0.00081 J
Barium	mg/L	0.070	0.044	0.051	0.032	0.032	0.058	0.061
Beryllium	mg/L	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034
Cadmium	mg/L	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034
Chromium	mg/L	< 0.0011	< 0.0011	< 0.0011	0.0035	0.0013 J	c	< 0.0011
Cobalt	mg/L	0.0054	0.0041	0.0020 J	< 0.00040	0.0032	0.00043 J	0.0049
Copper	mg/L	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	0.0023 J	< 0.0021
Lead	mg/L	< 0.00035	< 0.00035	< 0.00035	< 0.00035	< 0.00035	< 0.00035	< 0.00035
Mercury	mg/L	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070
Nickel	mg/L	< 0.0018	< 0.0018	< 0.0018	< 0.0018	< 0.0018	< 0.0018	< 0.0018
Selenium	mg/L	< 0.00071	< 0.00071	< 0.00071	0.0035	< 0.00071	< 0.00071	< 0.00071
Silver	mg/L	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011
Thallium	mg/L	< 0.000085	< 0.000085	< 0.000085	< 0.000085	< 0.000085	< 0.000085	< 0.000085
Vanadium	mg/L	0.0030	0.0037	0.0044	0.0087	0.0081	0.0072	0.0056
Zinc	mg/L	< 0.0065	< 0.0065	< 0.0065	< 0.0065	< 0.0065	< 0.0065	< 0.0065
MAJOR IONS								
Alkalinity Total as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Bicarbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
FIELD PARAMETERS								
Oxidation Reduction Potential, Field	mV	89.1	82.2	90.6	101	72	94	96
pH, Field	SU	6.77	7.07	7.2	6.8	7.42	7.37	7.12
RDO Concentration, Field	mg/L	8.82	9.48	9.51	12.55	9.52	11.03	9.11
Specific Conductance, Field	uS/cm	552.32	279.37	349.39	367.62	123.2	323.11	425.62
Temperature, Field	deg C	17.32	17.54	16.4	19.86	17.22	15.94	17.76
Turbidity, Field	NTU	3.6	2.8	3.26	1.09	11.6	3.64	3.81

Notes:

mg/L - milligrams per liter; SU - Standard Units; mV - millivolts; C - degrees Celcius; NTU - Nephelometric Turbidity Unit; uS/cm - microsiemens per centimeter.

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Samples from SWA-1 were not collected as the location was dry at the time of sampling.

**Historical Surface Water
Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA**

Sample Location		SWA-2	SWA-3	SWC-4	SWC-5	SWC-6	SWC-7	SWC-8
Sample Date		10/04/2018	10/04/2018	10/04/2018	10/04/2018	10/04/2018	10/04/2018	10/04/2018
ANALYTE	UNITS							
APPENDIX III								
Boron	mg/L	1.7	0.40	0.75	0.043 J	< 0.021	0.58	1.2
Calcium	mg/L	45	13	26	29	13	26	32
Chloride	mg/L	10	10	7.9	9.6	2.5	9.6	10
Fluoride	mg/L	< 0.082	< 0.082	< 0.082	0.22	0.089 J	0.16 J	< 0.082
pH, Field	SU	7.13	7.24	7.17	7.02	7.70	7.64	7.15
Sulfate	mg/L	270	56	120	32	< 0.70	82	180
TDS	mg/L	530	180	300	190	94	280	360
STATE REQUIRED INORGANICS								
Chemical Oxygen Demand	mg/L	< 6.4	< 6.4	NA	NA	NA	10	NA
Cyanide	mg/L	< 0.005	< 0.005	NA	NA	NA	< 0.005	NA
Organic Carbon, Total	mg/L	1.4	0.83 J	NA	NA	NA	2.0	NA
STATE REQUIRED METALS								
Antimony	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Arsenic	mg/L	< 0.00046	0.00079 J	0.0012 J	0.0015	0.0017	0.0012 J	0.0013
Barium	mg/L	0.077	0.038	0.053	0.036	0.017	0.065	0.067
Beryllium	mg/L	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034
Cadmium	mg/L	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034
Chromium	mg/L	< 0.0011	0.0011 J	< 0.0011	0.0016 J	0.0019 J	< 0.0011	< 0.0011
Cobalt	mg/L	0.0039	0.0022 J	0.00074 J	0.00044 J	0.0012 J	< 0.00040	0.0021 J
Copper	mg/L	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Lead	mg/L	< 0.00035	< 0.00035	< 0.00035	< 0.00035	< 0.00035	< 0.00035	< 0.00035
Mercury	mg/L	< 0.000070	< 0.000070	0.000082 J	0.000073 J	< 0.000070	< 0.000070	0.000071 J
Nickel	mg/L	< 0.0018	0.0029	< 0.0018	< 0.0018	< 0.0018	< 0.0018	< 0.0018
Selenium	mg/L	0.00040 J	0.00029 J	< 0.00024	0.0012 J	< 0.00024	0.00047 J	< 0.00024
Silver	mg/L	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011
Thallium	mg/L	< 0.000085	< 0.000085	< 0.000085	< 0.000085	< 0.000085	< 0.000085	< 0.000085
Vanadium	mg/L	0.0020 J	0.0040	0.0053	0.0082	0.0083	0.0058	0.0050
Zinc	mg/L	< 0.0065	< 0.0065	< 0.0065	< 0.0065	< 0.0065	< 0.0065	< 0.0065
MAJOR IONS								
Alkalinity Total as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Bicarbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
FIELD PARAMETERS								
Oxidation Reduction Potential, Field	mV	43.48	89.09	146.77	59.94	131.64	126.47	56.25
pH, Field	SU	7.13	7.24	7.17	7.02	7.70	7.64	7.15
RDO Concentration, Field	mg/L	7.1	7.32	7.45	4.41	7.98	6.87	7.49
Specific Conductance, Field	uS/cm	704.79	242.6	428.81	289.57	156.81	379.4	516.74
Temperature, Field	deg C	24.55	21.84	21.81	21.53	23.28	24.49	22.42
Turbidity, Field	NTU	3.32	3.26	2.94	2.45	13.4	2.22	3.02

Notes:

mg/L - milligrams per liter; SU - Standard Units; mV - millivolts; C - degrees Celcius; NTU - Nephelometric Turbidity Unit; uS/cm - microsiemens per centimeter.

NA - Indicates substance not analyzed

< indicates the substance was not detected above the reporting limit (RL). The value displayed is the RL.

J - The result is an estimated concentration. "J" qualifiers are applied by the laboratory when the concentration reported is above the method detection limit, but below the laboratory reporting limit.

SWA-1, SWA-2, SWA-3, and SWC-7 are sampled for chemical oxygen demand (COD), Cyanide, and total organic carbon (TOC) per site D&O Plan.

Samples from SWA-1 were not collected as the location was dry at the time of sampling.

**Historical Surface Water
Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA**

Sample Location		SWA-1	SWA-2	SWA-3	SWC-4	SWC-5	SWC-6	SWC-7	SWC-8
Sample Date		03/23/2018	03/23/2018	03/23/2018	03/23/2018	03/23/2018	03/23/2018	03/23/2018	03/23/2018
ANALYTE	UNITS								
APPENDIX III									
Boron	mg/L	0.39	0.95	0.56	0.47	0.072	< 0.021	0.35	0.67
Calcium	mg/L	24	34	14	19	37	11	23	24
Chloride	mg/L	4.1	9.1	10	6.8	11	2.7	6.1	8.5
Fluoride	mg/L	0.15 J	< 0.082	< 0.082	< 0.082	0.21	< 0.082	< 0.082	< 0.082
pH, Field	SU	6.73	6.76	6.95	7.07	6.93	7.34	7.27	7.12
Sulfate	mg/L	78	180	93	80	53	1.1	61	100
TDS	mg/L	210	360	210	210	230	100	290	250
STATE REQUIRED INORGANICS									
Chemical Oxygen Demand	mg/L	18	10	12	NA	NA	NA	8.0 J	NA
Cyanide	mg/L	< 0.005	< 0.005	< 0.005	NA	NA	NA	< 0.005	NA
Organic Carbon, Total	mg/L	3.3	1.3	0.88 J	NA	NA	NA	1.7	NA
STATE REQUIRED METALS									
Antimony	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Arsenic	mg/L	< 0.00046	< 0.00046	< 0.00046	< 0.00046	< 0.00046	< 0.00046	< 0.00046	< 0.00046
Barium	mg/L	0.063	0.068	0.048	0.053	0.040	0.025	0.058	0.060
Beryllium	mg/L	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034
Cadmium	mg/L	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034
Chromium	mg/L	< 0.0011	< 0.0011	< 0.0011	< 0.0011	0.0030	0.0014 J	< 0.0011	< 0.0011
Cobalt	mg/L	< 0.00040	0.0064	0.0052	0.0025	< 0.00040	0.0027	0.00092 J	0.0050
Copper	mg/L	0.0037	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Lead	mg/L	< 0.00035	< 0.00035	< 0.00035	< 0.00035	< 0.00035	< 0.00035	< 0.00035	< 0.00035
Mercury	mg/L	0.00011 J	0.000097 J	0.00010 J	0.00010 J	< 0.000070	< 0.000070	0.00010 J	< 0.000070
Nickel	mg/L	< 0.0018	< 0.0018	< 0.0018	< 0.0018	< 0.0018	< 0.0018	< 0.0018	< 0.0018
Selenium	mg/L	0.0012 J	0.00048 J	< 0.00024	< 0.00024	0.0026	0.00032 J	< 0.00024	< 0.00024
Silver	mg/L	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011
Thallium	mg/L	0.00028 J	< 0.000085	< 0.000085	< 0.000085	< 0.000085	< 0.000085	< 0.000085	< 0.000085
Vanadium	mg/L	0.0033	< 0.0014	< 0.0014	0.0017 J	0.0038	0.0026	0.0022 J	< 0.0014
Zinc	mg/L	0.0077 J	< 0.0065	< 0.0065	< 0.0065	< 0.0065	< 0.0065	< 0.0065	< 0.0065
MAJOR IONS									
Alkalinity Total as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Bicarbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
FIELD PARAMETERS									
Oxidation Reduction Potential, Field	mV	151.9	72.8	87.55	112.13	108.53	86.26	94.6	86.7
pH, Field	SU	6.73	6.76	6.95	7.07	6.93	7.34	7.27	7.12
RDO Concentration, Field	mg/L	10.11	9.29	20.17	10.03	8.63	9.94	10.43	9.89
Specific Conductance, Field	uS/cm	417.53	541.78	319.25	325.09	358.38	146.83	281.17	396.98
Temperature, Field	deg C	14.4	15.37	14.27	12.35	13.95	12.48	11.79	13.4
Turbidity, Field	NTU	13.8	4.53	4.32	9.4	2.76	11.1	10.94	5.64

Notes:

mg/L - milligrams per liter; SU - Standard Units; mV - millivolts; C - degrees Celcius; NTU - Nephelometric Turbidity Unit; uS/cm - microsiemens per centimeter.

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SWA-1, SWA-2, SWA-3, and SWC-7 are sampled for chemical oxygen demand (COD), Cyanide, and total organic carbon (TOC) per site D&O Plan.

**Historical Surface Water
Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA**

Sample Location		SWA-1	SWA-2	SWA-3	SWC-4	SWC-5	SWC-6	SWC-7	SWC-8
Sample Date		10/09/2017	10/09/2017	10/09/2017	10/09/2017	10/09/2017	10/09/2017	10/09/2017	10/09/2017
ANALYTE	UNITS								
APPENDIX III									
Boron	mg/L	0.78	1.8	0.38	1.0	0.026 J	0.022 J	0.74	1.3
Calcium	mg/L	35	44	13	29	26	15	32	34
Chloride	mg/L	11	8.9	9.7	7.7	4.9	2.7	9.7	8.6
Fluoride	mg/L	0.47	0.099 J	< 0.082	< 0.082	0.23	< 0.082	0.19 J	< 0.082
pH, Field	SU	7.31	6.86	7.2	7.36	6.78	7.48	6.99	7.14
Sulfate	mg/L	160	220	43	120	14	< 0.70	190	160
TDS	mg/L	200	350	160	230	52	110	190	240
STATE REQUIRED INORGANICS									
Chemical Oxygen Demand	mg/L	8.8 J	7.2 J	< 6.4	NA	NA	NA	< 6.4	NA
Cyanide	mg/L	< 0.005	< 0.005	< 0.005	NA	NA	NA	< 0.005	NA
Organic Carbon, Total	mg/L	3.3	2.2	1.8	NA	NA	NA	3.0	NA
STATE REQUIRED METALS									
Antimony	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Arsenic	mg/L	0.00080 J	< 0.00046	< 0.00046	< 0.00046	< 0.00046	< 0.00046	< 0.00046	< 0.00046
Barium	mg/L	0.11	0.064	0.035	0.059	0.033	0.027	0.086	0.060
Beryllium	mg/L	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034
Cadmium	mg/L	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034
Chromium	mg/L	< 0.0011	< 0.0011	< 0.0011	< 0.0011	0.0036	0.0030	< 0.0011	< 0.0011
Cobalt	mg/L	< 0.00040	0.0020 J	0.0020 J	0.00081 J	0.00089 J	0.0034	< 0.00040	0.0016 J
Copper	mg/L	0.0067	< 0.0021	< 0.0021	0.0042	< 0.0021	0.0073	0.0055	< 0.0021
Lead	mg/L	< 0.00035	< 0.00035	< 0.00035	< 0.00035	< 0.00035	0.00065 J	< 0.00035	< 0.00035
Mercury	mg/L	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070
Nickel	mg/L	< 0.0018	< 0.0018	< 0.0018	< 0.0018	< 0.0018	< 0.0018	< 0.0018	< 0.0018
Selenium	mg/L	0.0025	0.00045 J	0.00030 J	< 0.00024	< 0.00024	< 0.00024	0.0012 J	0.00059 J
Silver	mg/L	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011
Thallium	mg/L	< 0.000085	< 0.000085	< 0.000085	< 0.000085	< 0.000085	< 0.000085	< 0.000085	< 0.000085
Vanadium	mg/L	0.0043	< 0.0014	< 0.0014	0.0017 J	0.0016 J	0.0057	0.0021 J	< 0.0014
Zinc	mg/L	< 0.0065	< 0.0065	< 0.0065	< 0.0065	< 0.0065	< 0.0065	< 0.0065	< 0.0065
MAJOR IONS									
Alkalinity Total as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Bicarbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
FIELD PARAMETERS									
Oxidation Reduction Potential, Field	mV	108.87	43.43	39.69	72.76	34.25	-12.77	16.4	31
pH, Field	SU	7.31	6.86	7.2	7.36	6.78	7.48	6.99	7.14
RDO Concentration, Field	mg/L	8.62	6.77	6.84	6.97	1.76	7.7	6.8	7.03
Specific Conductance, Field	uS/cm	501.01	601.24	212.12	407.1	238.65	156.6	428.28	486.74
Temperature, Field	deg C	25.96	22.89	23.34	24.15	23.3	22.58	24.32	23.34
Turbidity, Field	NTU	0.51	2.84	4.07	1.88	1.68	9.3	1.14	2.62

Notes:

mg/L - milligrams per liter; SU - Standard Units; mV - millivolts; C - degrees Celcius; NTU - Nephelometric Turbidity Unit; uS/cm - microsiemens per centimeter.

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SWA-1, SWA-2, SWA-3, and SWC-7 are sampled for chemical oxygen demand (COD), Cyanide, and total organic carbon (TOC) per site D&O Plan.

**Historical Surface Water
Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA**

Sample Location		SWA-1	SWA-2	SWA-3	SWC-4	SWC-5	SWC-6	SWC-7	SWC-8
Sample Date		04/11/2017	04/11/2017	04/11/2017	04/11/2017	04/11/2017	04/11/2017	04/11/2017	04/11/2017
ANALYTE	UNITS								
APPENDIX III									
Boron	mg/L	0.44	1.3	0.43	0.58	0.041 J	< 0.021	0.38	0.77
Calcium	mg/L	24	33	11	21	31	11	21	23
Chloride	mg/L	7.3	8.8	9.7	NA	NA	NA	7	NA
Fluoride	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
pH, Field	SU	6.95	6.53	6.79	7.20	6.07	7.25	7.13	7.08
Sulfate	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
TDS	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
STATE REQUIRED INORGANICS									
Chemical Oxygen Demand	mg/L	< 6.4	< 6.4	< 6.4	NA	NA	NA	7.8 J	NA
Cyanide	mg/L	< 0.005	< 0.005	< 0.005	NA	NA	NA	< 0.005	NA
Organic Carbon, Total	mg/L	3.2	1.3	0.81 J	NA	NA	NA	1.8	NA
STATE REQUIRED METALS									
Antimony	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Arsenic	mg/L	< 0.00046	< 0.00046	< 0.00046	< 0.00046	< 0.00046	< 0.00046	< 0.00046	< 0.00046
Barium	mg/L	0.08	0.07	0.041	0.05	0.026	0.026	0.052	0.058
Beryllium	mg/L	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034
Cadmium	mg/L	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034
Chromium	mg/L	< 0.0011	< 0.0011	< 0.0011	< 0.0011	0.0034	0.0011 J	< 0.0011	< 0.0011
Cobalt	mg/L	< 0.0004	0.0051	0.0051	0.002 J	< 0.0004	0.0033	0.00064 J	0.0037
Copper	mg/L	0.0058	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Lead	mg/L	< 0.00035	< 0.00035	< 0.00035	< 0.00035	< 0.00035	< 0.00035	< 0.00035	< 0.00035
Mercury	mg/L	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007
Nickel	mg/L	< 0.0018	< 0.0018	< 0.0018	< 0.0018	< 0.0018	< 0.0018	< 0.0018	< 0.0018
Selenium	mg/L	0.00056 J	< 0.00024	< 0.00024	< 0.00024	0.0013	< 0.00024	< 0.00024	< 0.00024
Silver	mg/L	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011
Thallium	mg/L	< 0.000085	< 0.000085	< 0.000085	< 0.000085	< 0.000085	< 0.000085	< 0.000085	< 0.000085
Vanadium	mg/L	0.0032	0.0021 J	0.0034	0.0043	0.0097	0.0033	0.0033	0.0033
Zinc	mg/L	< 0.0065	< 0.0065	< 0.0065	< 0.0065	< 0.0065	< 0.0065	< 0.0065	< 0.0065
MAJOR IONS									
Alkalinity Total as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Bicarbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
FIELD PARAMETERS									
Oxidation Reduction Potential, Field	mV	-15.96	-26.01	-34.37	-38.26	14.2	-36.45	-33.46	-43.64
pH, Field	SU	6.95	6.53	6.79	7.20	6.07	7.25	7.13	7.08
RDO Concentration, Field	mg/L	8.89	8.3	8.17	8.48	7.1	8.41	8.77	8.34
Specific Conductance, Field	uS/cm	302.84	531.08	243.64	330.7	293.8	141.03	286.31	390.34
Temperature, Field	deg C	19.36	19.31	19.14	21.9	16.01	18.83	17.38	19.77
Turbidity, Field	NTU	2.52	4.15	3.48	4.34	1.74	8.85	4.09	3.47

Notes:

mg/L - milligrams per liter; SU - Standard Units; mV - millivolts; C - degrees Celcius; NTU - Nephelometric Turbidity Unit; uS/cm - microsiemens per centimeter.

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SWA-1, SWA-2, SWA-3, and SWC-7 are sampled for chemical oxygen demand (COD), Cyanide, and total organic carbon (TOC) per site D&O Plan.

**Historical Surface Water
Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA**

Sample Location		SWA-2	SWA-3	SWC-4	SWC-5	SWC-6	SWC-7	SWC-8
Sample Date		10/10/2016	10/10/2016	10/10/2016	10/10/2016	10/10/2016	10/10/2016	10/10/2016
ANALYTE	UNITS							
APPENDIX III								
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	9.9	10	NA	NA	NA	9.1	NA
Fluoride	mg/L	NA	NA	NA	NA	NA	NA	NA
pH, Field	SU	7.5	7.43	7.39	7.01	6.91	7.56	6.94
Sulfate	mg/L	NA	NA	NA	NA	NA	NA	NA
TDS	mg/L	NA	NA	NA	NA	NA	NA	NA
STATE REQUIRED INORGANICS								
Chemical Oxygen Demand	mg/L	< 6.4	< 6.4	NA	NA	NA	< 6.4	NA
Cyanide	mg/L	< 0.005	< 0.005	NA	NA	NA	< 0.005	NA
Organic Carbon, Total	mg/L	1.4	0.8 J	NA	NA	NA	1.9	NA
STATE REQUIRED METALS								
Antimony	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Arsenic	mg/L	< 0.00046	< 0.00046	< 0.00046	< 0.00046	< 0.00046	< 0.00046	< 0.00046
Barium	mg/L	0.076	0.025	0.05	0.027	0.016	0.07	0.063
Beryllium	mg/L	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034
Cadmium	mg/L	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034
Chromium	mg/L	< 0.0011	< 0.0011	< 0.0011	0.0027	0.0012 J	< 0.0011	< 0.0011
Cobalt	mg/L	0.00043 J	0.0011 J	0.0017 J	< 0.0004	0.00058 J	< 0.0004	0.0017 J
Copper	mg/L	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	0.0021 J	< 0.0021
Lead	mg/L	< 0.00035	< 0.00035	< 0.00035	< 0.00035	< 0.00035	< 0.00035	< 0.00035
Mercury	mg/L	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007
Nickel	mg/L	< 0.0018	< 0.0018	< 0.0018	< 0.0018	< 0.0018	< 0.0018	< 0.0018
Selenium	mg/L	< 0.00024	< 0.00024	< 0.00024	0.00051 J	< 0.00024	< 0.00024	< 0.00024
Silver	mg/L	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011
Thallium	mg/L	< 0.000085	< 0.000085	< 0.000085	< 0.000085	< 0.000085	< 0.000085	< 0.000085
Vanadium	mg/L	< 0.0014	0.0019 J	0.0029	0.0064	0.0038	0.0039	0.0028
Zinc	mg/L	< 0.0065	< 0.0065	< 0.0065	< 0.0065	< 0.0065	< 0.0065	< 0.0065
MAJOR IONS								
Alkalinity Total as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Bicarbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
FIELD PARAMETERS								
Oxidation Reduction Potential, Field	mV	639.1	693.4	686.47	844.6	588	572.6	628.3
pH, Field	SU	7.5	7.43	7.39	7.01	6.91	7.56	6.94
RDO Concentration, Field	mg/L	9.23	8.91	8.29	6.45	8.89	7.36	8.71
Specific Conductance, Field	uS/cm	755	199.3	412.77	273.8	170.25	325.4	448.2
Temperature, Field	deg C	19.01	19.3	19.62	21.04	19.28	19.68	18.77
Turbidity, Field	NTU	1.46	4.22	3.92	1.76	5.26	1.8	3.94

Notes:

mg/L - milligrams per liter; SU - Standard Units; mV - millivolts; C - degrees Celcius; NTU - Nephelometric Turbidity Unit; uS/cm - microsiemens per centimeter.

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SWA-1, SWA-2, SWA-3, and SWC-7 are sampled for chemical oxygen demand (COD), Cyanide, and total organic carbon (TOC) per site D&O Plan.

Samples from SWA-1 were not collected as the location was dry at the time of sampling.

**Historical Surface Water
Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA**

Sample Location		SWA-2	SWA-3	SWC-4	SWC-5	SWC-6	SWC-7	SWC-8
Sample Date		04/18/2016	04/18/2016	04/18/2016	04/18/2016	04/18/2016	04/18/2016	04/18/2016
ANALYTE	UNITS							
APPENDIX III								
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	8.20	10.0	NA	NA	NA	7.38	NA
Fluoride	mg/L	NA	NA	NA	NA	NA	NA	NA
pH, Field	SU	6.95	6.97	7.25	7.03	7.26	6.90	6.99
Sulfate	mg/L	NA	NA	NA	NA	NA	NA	NA
TDS	mg/L	NA	NA	NA	NA	NA	NA	NA
STATE REQUIRED INORGANICS								
Chemical Oxygen Demand	mg/L	< 6.4	< 6.4	NA	NA	NA	< 6.4	NA
Cyanide	mg/L	< 0.0050	< 0.0050	NA	NA	NA	< 0.0050	NA
Organic Carbon, Total	mg/L	1.2	0.77 J	NA	NA	NA	1.2	NA
STATE REQUIRED METALS								
Antimony	mg/L	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Arsenic	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Barium	mg/L	0.0793	0.0395	0.0545	0.0316	0.0395	0.0588	0.0626
Beryllium	mg/L	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Cadmium	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Chromium	mg/L	< 0.002	< 0.002	< 0.002	0.00498 J	< 0.002	< 0.002	< 0.002
Cobalt	mg/L	0.00585 J	0.0162	0.0043 J	< 0.002	0.00631 J	< 0.002	0.00796 J
Copper	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Lead	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Mercury	mg/L	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025
Nickel	mg/L	< 0.002	0.00341 J	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Selenium	mg/L	< 0.002	< 0.002	< 0.002	0.00847 J	< 0.002	< 0.002	< 0.002
Silver	mg/L	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Thallium	mg/L	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Vanadium	mg/L	< 0.002	< 0.002	< 0.002	0.0053 J	< 0.002	< 0.002	< 0.002
Zinc	mg/L	< 0.002	0.00771 J	< 0.002	< 0.002	< 0.002	0.00246 J	0.00271 J
MAJOR IONS								
Alkalinity Total as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Bicarbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
FIELD PARAMETERS								
Oxidation Reduction Potential, Field	mV	-16.1	74.5	-0.6	72.5	-1.6	137.6	-12.9
pH, Field	SU	6.95	6.97	7.25	7.03	7.26	6.90	6.99
RDO Concentration, Field	mg/L	8.19	8.41	8.64	10.25	9.01	7.68	8.67
Specific Conductance, Field	uS/cm	502.4	386.1	331.2	577.9	152.9	281	398.8
Temperature, Field	deg C	17.98	18.08	18.01	20.56	17.43	22.09	17.27
Turbidity, Field	NTU	5.06	6.1	6.24	1.68	13.7	7.1	5.22

Notes:

mg/L - milligrams per liter; SU - Standard Units; mV - millivolts; C - degrees Celcius; NTU - Nephelometric Turbidity Unit; uS/cm - microsiemens per centimeter.

NA - Indicates substance not analyzed

< indicates the substance was not detected above the reporting limit (RL). The value displayed is the RL.

J - The result is an estimated concentration. "J" qualifiers are applied by the laboratory when the concentration reported is above the method detection limit, but below the laboratory reporting limit.

SWA-1, SWA-2, SWA-3, and SWC-7 are sampled for chemical oxygen demand (COD), Cyanide, and total organic carbon (TOC) per site D&O Plan.

Samples from SWA-1 were not collected as the location was dry at the time of sampling.

**Historical Surface Water
Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA**

Sample Location		SWA-1	SWA-2	SWA-3	SWC-4	SWC-5	SWC-6	SWC-7
Sample Date		11/12/2015	11/12/2015	11/12/2015	11/12/2015	11/12/2015	11/12/2015	11/12/2015
ANALYTE	UNITS							
APPENDIX III								
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	10	10	12	NA	NA	NA	9.7
Fluoride	mg/L	NA	NA	NA	NA	NA	NA	NA
pH, Field	SU	7.57	6.92	6.61	7.15	7.19	7.02	7.44
Sulfate	mg/L	NA	NA	NA	NA	NA	NA	NA
TDS	mg/L	NA	NA	NA	NA	NA	NA	NA
STATE REQUIRED INORGANICS								
Chemical Oxygen Demand	mg/L	8.9 J	< 6.4	< 6.4	NA	NA	NA	8.6 J
Cyanide	mg/L	< 0.0050	< 0.0050	< 0.0050	NA	NA	NA	< 0.0050
Organic Carbon, Total	mg/L	3.6	2.5	1.3	NA	NA	NA	3.1
STATE REQUIRED METALS								
Antimony	mg/L	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050
Arsenic	mg/L	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040
Barium	mg/L	0.066	0.074	0.043	0.054	0.029	0.049	0.061
Beryllium	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Cadmium	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Chromium	mg/L	< 0.0020	0.0022 J	< 0.0020	< 0.0020	0.0030 J	< 0.0020	< 0.0020
Cobalt	mg/L	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	0.0074 J	< 0.0030
Copper	mg/L	0.0093 J	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Lead	mg/L	0.0024 J	0.0036 J	< 0.0020	0.0039 J	0.0048 J	0.0030 J	0.0029 J
Mercury	mg/L	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070
Nickel	mg/L	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030
Selenium	mg/L	0.0048 J	0.0053 J	0.0047 J	0.0054 J	0.0065 J	0.0058 J	0.0067 J
Silver	mg/L	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Thallium	mg/L	< 0.00049	< 0.00049	< 0.00049	< 0.00049	< 0.00049	< 0.00049	< 0.00049
Vanadium	mg/L	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030
Zinc	mg/L	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080
MAJOR IONS								
Alkalinity Total as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Bicarbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
FIELD PARAMETERS								
Oxidation Reduction Potential, Field	mV	41	7.0	31	13	44	13	30
pH, Field	SU	7.57	6.92	6.61	7.15	7.19	7.02	7.44
RDO Concentration, Field	mg/L	8.05	7.76	8.11	7.92	6.9	7.85	8.54
Specific Conductance, Field	uS/cm	279	472	299	312	220	137	288
Temperature, Field	deg C	15.6	17.1	16.6	17.4	16	16.6	16.4
Turbidity, Field	NTU	7.03	6.41	4.01	7.69	17.6	24.6	12

Notes:

mg/L - milligrams per liter; SU - Standard Units; mV - millivolts; C - degrees Celcius; NTU - Nephelometric Turbidity Unit; uS/cm - microsiemens per centimeter.

NA - Indicates substance not analyzed

< indicates the substance was not detected above the reporting limit (RL). The value displayed is the RL.

J - The result is an estimated concentration. "J" qualifiers are applied by the laboratory when the concentration reported is above the method detection limit, but below the laboratory reporting limit.

SWA-1, SWA-2, SWA-3, and SWC-7 are sampled for chemical oxygen demand (COD), Cyanide, and total organic carbon (TOC) per site D&O Plan.

Samples from SWC-8 were not collected as the location was dry at the time of sampling.

**Historical Surface Water
Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA**

Sample Location		SWA-1	SWA-2	SWC-4	SWC-5	SWC-6	SWC-7
Sample Date		05/25/2015	05/25/2015	05/25/2015	05/25/2015	05/25/2015	05/25/2015
ANALYTE	UNITS						
APPENDIX III							
Boron	mg/L	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA
Chloride	mg/L	8.5	10	NA	NA	NA	10
Fluoride	mg/L	NA	NA	NA	NA	NA	NA
pH, Field	SU	7.67	6.82	7.18	7.55	7.73	7.70
Sulfate	mg/L	NA	NA	NA	NA	NA	NA
TDS	mg/L	NA	NA	NA	NA	NA	NA
STATE REQUIRED INORGANICS							
Chemical Oxygen Demand	mg/L	< 6.4	< 6.4	NA	NA	NA	< 6.4
Cyanide	mg/L	< 0.0050	< 0.0050	NA	NA	NA	< 0.0050
Organic Carbon, Total	mg/L	4.2	1.1	NA	NA	NA	2.2
STATE REQUIRED METALS							
Antimony	mg/L	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Arsenic	mg/L	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040
Barium	mg/L	0.069	0.062	0.049	0.054	0.060	0.056
Beryllium	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Cadmium	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Chromium	mg/L	< 0.0020	< 0.0020	0.0022 J	0.013	0.0023 J	0.0022 J
Cobalt	mg/L	< 0.0030	0.0041 J	< 0.0030	< 0.0030	< 0.0030	< 0.0030
Copper	mg/L	0.0084 J	0.0025 J	0.0030 J	0.0052 J	0.0072 J	0.0062 J
Lead	mg/L	0.0032 J	0.0041 J	0.0064 J	0.0092 J	0.0058 J	0.0051 J
Mercury	mg/L	< 0.000070	< 0.000070	< 0.000070	0.000075 J	< 0.000070	0.000072 J
Nickel	mg/L	< 0.0030	< 0.0030	< 0.0030	0.0044 J	< 0.0030	< 0.0030
Selenium	mg/L	0.0049 J	< 0.0040	0.0059 J	0.020	0.0088 J	0.0047 J
Silver	mg/L	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Thallium	mg/L	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025
Vanadium	mg/L	0.0032 J	0.0044 J	0.0040 J	0.021	0.0053 J	0.0043 J
Zinc	mg/L	< 0.0080	< 0.0080	< 0.0080	0.0080 J	< 0.0080	< 0.0080
MAJOR IONS							
Alkalinity Total as CaCO3	mg/L	NA	NA	NA	NA	NA	NA
Bicarbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA
FIELD PARAMETERS							
Oxidation Reduction Potential, Field	mV	139.16	125.72	101.54	176.4	129.21	145.44
pH, Field	SU	7.67	6.82	7.18	7.55	7.73	7.70
RDO Concentration, Field	mg/L	8.83	8.01	8.27	8.98	8.19	9.7
Specific Conductance, Field	uS/cm	276.62	352.42	294.59	560.2	290.35	285.06
Temperature, Field	deg C	23.2	20.03	20.43	22.48	24.5	23.42
Turbidity, Field	NTU	4.89	37.3	15.7	40.7	15.5	11.9

Notes:

mg/L - milligrams per liter; SU - Standard Units; mV - millivolts; C - degrees Celcius; NTU - Nephelometric Turbidity Unit; uS/cm - microsiemens per centimeter.

NA - Indicates substance not analyzed

< indicates the substance was not detected above the reporting limit (RL). The value displayed is the RL.

J - The result is an estimated concentration. "J" qualifiers are applied by the laboratory when the concentration reported is above the method detection limit, but below the laboratory reporting limit.

SWA-1, SWA-2, SWA-3, and SWC-7 are sampled for chemical oxygen demand (COD), Cyanide, and total organic carbon (TOC) per site D&O Plan.

Samples from SWA-3 and SWC-8 were not collected as these locations were dry at the time of sampling.

**Historical Surface Water
Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA**

Sample Location		SWA-1	SWA-2	SWA-3	SWC-4	SWC-5	SWC-6	SWC-7
Sample Date		11/13/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014
ANALYTE	UNITS							
APPENDIX III								
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	17	10	11	NA	NA	NA	14
Fluoride	mg/L	NA	NA	NA	NA	NA	NA	NA
pH, Field	SU	6.59	7.09	6.76	6.92	6.85	7.33	7.11
Sulfate	mg/L	NA	NA	NA	NA	NA	NA	NA
TDS	mg/L	NA	NA	NA	NA	NA	NA	NA
STATE REQUIRED INORGANICS								
Chemical Oxygen Demand	mg/L	< 6.4	< 6.4	< 6.4	NA	NA	NA	6.6 J
Cyanide	mg/L	< 0.0050	< 0.0050	< 0.0050	NA	NA	NA	< 0.0050
Organic Carbon, Total	mg/L	3.4	1.6	1.6	NA	NA	NA	2.8
STATE REQUIRED METALS								
Antimony	mg/L	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Arsenic	mg/L	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040
Barium	mg/L	0.11	0.071	0.037	0.053	0.071	0.022	0.081
Beryllium	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Cadmium	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Chromium	mg/L	< 0.0020	< 0.0020	< 0.0020	< 0.0020	0.0037	< 0.0020	< 0.0020
Cobalt	mg/L	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030
Copper	mg/L	0.0027 J	< 0.0020	< 0.0020	< 0.0020	< 0.0020	0.0021 J	0.0029 J
Lead	mg/L	< 0.0020	0.0023 J	< 0.0020	0.0024 J	0.0022 J	< 0.0020	0.0021 J
Mercury	mg/L	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070
Nickel	mg/L	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030
Selenium	mg/L	< 0.0040	< 0.0040	< 0.0040	< 0.0040	0.0085 J	< 0.0040	< 0.0040
Silver	mg/L	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Thallium	mg/L	0.00051 J	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025
Vanadium	mg/L	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030
Zinc	mg/L	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080
MAJOR IONS								
Alkalinity Total as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Bicarbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
FIELD PARAMETERS								
Oxidation Reduction Potential, Field	mV	202	85	44	81	84	89	109
pH, Field	SU	6.59	7.09	6.76	6.92	6.85	7.33	7.11
RDO Concentration, Field	mg/L	8.26	6.67	5.57	7.02	6.66	7.02	7.46
Specific Conductance, Field	uS/cm	522	536	223	351	690	173	423
Temperature, Field	deg C	11.7	10.8	11.5	11.3	12.2	12.1	11.9
Turbidity, Field	NTU	8.22	2.81	3.37	2.81	3.64	15.9	1.27

Notes:

mg/L - milligrams per liter; SU - Standard Units; mV - millivolts; C - degrees Celcius; NTU - Nephelometric Turbidity Unit; uS/cm - microsiemens per centimeter.

NA - Indicates substance not analyzed

< indicates the substance was not detected above the reporting limit (RL). The value displayed is the RL.

J - The result is an estimated concentration. "J" qualifiers are applied by the laboratory when the concentration reported is above the method detection limit, but below the laboratory reporting limit.

SWA-1, SWA-2, SWA-3, and SWC-7 are sampled for chemical oxygen demand (COD), Cyanide, and total organic carbon (TOC) per site D&O Plan.

Samples from SWC-8 were not collected as the location was dry at the time of sampling.

**Historical Surface Water
Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA**

Sample Location		SWA-1	SWA-2	SWA-3	SWC-4	SWC-5	SWC-6	SWC-7	SWC-8
Sample Date		05/25/2014	05/25/2014	05/25/2014	05/25/2014	05/25/2014	05/25/2014	05/25/2014	05/25/2014
ANALYTE	UNITS								
APPENDIX III									
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	8.5	9.5	11	NA	NA	NA	8.9	NA
Fluoride	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
pH, Field	SU	7.84	6.58	6.44	5.81	7.00	6.91	7.27	6.71
Sulfate	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
TDS	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
STATE REQUIRED INORGANICS									
Chemical Oxygen Demand	mg/L	6.6 J	< 6.4	< 6.4	NA	NA	NA	6.6 J	NA
Cyanide	mg/L	< 0.0050	< 0.0050	< 0.0050	NA	NA	NA	< 0.0050	NA
Organic Carbon, Total	mg/L	1.7	1.7	0.98 J	NA	NA	NA	1.7	NA
STATE REQUIRED METALS									
Antimony	mg/L	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Arsenic	mg/L	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040
Barium	mg/L	0.053	0.081	0.039	0.091	0.028	0.036	0.058	0.065
Beryllium	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Cadmium	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Chromium	mg/L	0.0023 J	< 0.0020	< 0.0020	0.0027 J	0.0090 J	0.0036 J	0.0024 J	0.0028 J
Cobalt	mg/L	< 0.0030	0.0051 J	0.0053 J	< 0.0030	< 0.0030	0.0048 J	< 0.0030	0.0049 J
Copper	mg/L	< 0.0020	< 0.0020	< 0.0020	0.0079 J	< 0.0020	< 0.0020	0.0021 J	< 0.0020
Lead	mg/L	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Mercury	mg/L	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070
Nickel	mg/L	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030
Selenium	mg/L	< 0.0040	0.0042 J	< 0.0040	0.0058 J	< 0.0040	< 0.0040	0.0051 J	< 0.0040
Silver	mg/L	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Thallium	mg/L	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025
Vanadium	mg/L	< 0.0030	< 0.0030	< 0.0030	< 0.0030	0.0040 J	0.0046 J	< 0.0030	< 0.0030
Zinc	mg/L	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080
MAJOR IONS									
Alkalinity Total as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Bicarbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
FIELD PARAMETERS									
Oxidation Reduction Potential, Field	mV	70	-3	28	79	8	29	52	-13
pH, Field	SU	7.84	6.58	6.44	5.81	7.00	6.91	7.27	6.71
RDO Concentration, Field	mg/L	5.92	6.19	5.83	6.64	5.92	6.39	6.12	6.14
Specific Conductance, Field	uS/cm	362	433	247	298	240	149	304	329
Temperature, Field	deg C	25.4	18.4	18.3	18.5	20	18.1	20.8	18.7
Turbidity, Field	NTU	7.14	8.09	3.2	10.3	2.77	21.7	4.54	8.79

Notes:

mg/L - milligrams per liter; SU - Standard Units; mV - millivolts; C - degrees Celcius; NTU - Nephelometric Turbidity Unit; uS/cm - microsiemens per centimeter.

NA - Indicates substance not analyzed

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SWA-1, SWA-2, SWA-3, and SWC-7 are sampled for chemical oxygen demand (COD), Cyanide, and total organic carbon (TOC) per site D&O Plan.

**Historical Surface Water
Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA**

Sample Location		SWA-1	SWA-2	SWA-3	SWC-4	SWC-5	SWC-6	SWC-7
Sample Date		11/06/2013	11/06/2013	11/06/2013	11/06/2013	11/06/2013	11/06/2013	11/06/2013
ANALYTE	UNITS							
APPENDIX III								
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	29	10	11	NA	NA	NA	14
Fluoride	mg/L	NA	NA	NA	NA	NA	NA	NA
pH, Field	SU	7.63	6.62	7.19	7.23	6.48	6.83	6.85
Sulfate	mg/L	NA	NA	NA	NA	NA	NA	NA
TDS	mg/L	NA	NA	NA	NA	NA	NA	NA
STATE REQUIRED INORGANICS								
Chemical Oxygen Demand	mg/L	19	< 6.4	< 6.4	NA	NA	NA	< 6.4
Cyanide	mg/L	< 0.0050	< 0.0050	< 0.0050	NA	NA	NA	< 0.0050
Organic Carbon, Total	mg/L	5.5	1.5	1.2	NA	NA	NA	2.8
STATE REQUIRED METALS								
Antimony	mg/L	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Arsenic	mg/L	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040
Barium	mg/L	0.14	0.074	0.042	0.051	0.027	0.021	0.090
Beryllium	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Cadmium	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Chromium	mg/L	< 0.0020	< 0.0020	0.0038 J	< 0.0020	0.0024 J	< 0.0020	0.0024 J
Cobalt	mg/L	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030
Copper	mg/L	0.014	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	0.0080 J
Lead	mg/L	< 0.0020	0.0068	< 0.0020	0.0034 J	0.0041 J	0.0026 J	0.0022 J
Mercury	mg/L	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070
Nickel	mg/L	0.0031 J	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030
Selenium	mg/L	0.0059 J	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040
Silver	mg/L	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Thallium	mg/L	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025
Vanadium	mg/L	0.0069 J	< 0.0030	< 0.0030	< 0.0030	0.0048 J	0.0038 J	0.0058 J
Zinc	mg/L	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080
MAJOR IONS								
Alkalinity Total as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Bicarbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
FIELD PARAMETERS								
Oxidation Reduction Potential, Field	mV	100	39	-10	39	138	141	135
pH, Field	SU	7.63	6.62	7.19	7.23	6.48	6.83	6.85
RDO Concentration, Field	mg/L	6.56	7.5	7.3	6.03	4.34	8.01	7.79
Specific Conductance, Field	uS/cm	633	440	205	299	197	160	373
Temperature, Field	deg C	26.3	16.3	17.5	14.5	15.6	14.9	13.8
Turbidity, Field	NTU	6.99	4.15	7.94	3.87	2.98	11	11.4

Notes:

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Samples from SWC-8 were not collected as the location was dry at the time of sampling.

**Historical Surface Water
Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA**

Sample Location		SWA-1	SWA-2	SWA-3	SWC-4	SWC-5	SWC-6	SWC-7
Sample Date		05/09/2013	05/09/2013	05/09/2013	05/09/2013	05/09/2013	05/09/2013	05/09/2013
ANALYTE	UNITS							
APPENDIX III								
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	8.1	7.8	9.9	NA	NA	NA	7.1
Fluoride	mg/L	NA	NA	NA	NA	NA	NA	NA
pH, Field	SU	6.88	6.44	6.31	6.81	6.96	6.67	6.87
Sulfate	mg/L	NA	NA	NA	NA	NA	NA	NA
TDS	mg/L	NA	NA	NA	NA	NA	NA	NA
STATE REQUIRED INORGANICS								
Chemical Oxygen Demand	mg/L	25	< 6.4	< 6.4	NA	NA	NA	< 6.4
Cyanide	mg/L	< 0.0050	< 0.0050	< 0.0050	NA	NA	NA	< 0.0050
Organic Carbon, Total	mg/L	4.1	1.7	1.2	NA	NA	NA	2.3
STATE REQUIRED METALS								
Antimony	mg/L	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Arsenic	mg/L	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040
Barium	mg/L	0.089	0.073	0.038	0.063	0.022	0.049	0.069
Beryllium	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Cadmium	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Chromium	mg/L	0.0033 J	< 0.0020	< 0.0020	< 0.0020	0.0029 J	< 0.0020	< 0.0020
Cobalt	mg/L	< 0.0030	0.0045 J	0.013	0.0051 J	< 0.0030	0.01	< 0.0030
Copper	mg/L	0.0081 J	< 0.0020	< 0.0020	< 0.0020	0.063	< 0.0020	0.0028 J
Lead	mg/L	0.0034 J	0.0034 J	< 0.0020	0.0036 J	0.0026 J	0.0028 J	0.0032 J
Mercury	mg/L	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070
Nickel	mg/L	< 0.0030	< 0.0030	0.0037 J	< 0.0030	< 0.0030	< 0.0030	< 0.0030
Selenium	mg/L	0.0048 J	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	0.0048 J
Silver	mg/L	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Thallium	mg/L	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025
Vanadium	mg/L	0.0075 J	< 0.0030	< 0.0030	< 0.0030	0.0089 J	< 0.0030	< 0.0030
Zinc	mg/L	0.0094 J	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080
MAJOR IONS								
Alkalinity Total as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Bicarbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
FIELD PARAMETERS								
Oxidation Reduction Potential, Field	mV	73	80	113	34	87	75	82
pH, Field	SU	6.88	6.44	6.31	6.81	6.96	6.67	6.87
RDO Concentration, Field	mg/L	7.55	7.18	7.33	7.65	6.71	7.27	8.01
Specific Conductance, Field	uS/cm	309	287	347	242	114	141	258
Temperature, Field	deg C	21.7	19.3	19.4	16.6	23.1	19.1	19
Turbidity, Field	NTU	24.9	10.8	5.36	12.5	45.9	17.2	11.3

Notes:

mg/L - milligrams per liter; SU - Standard Units; mV - millivolts; C - degrees Celcius; NTU - Nephelometric Turbidity Unit; uS/cm - microsiemens per centimeter.

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Samples from SWC-8 were not collected as the location was dry at the time of sampling.

**Historical Surface Water
Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA**

Sample Location		SWA-1	SWA-2	SWA-3	SWC-4	SWC-5	SWC-6	SWC-7
Sample Date		11/11/2012	11/11/2012	11/11/2012	11/11/2012	11/11/2012	11/11/2012	11/11/2012
ANALYTE	UNITS							
APPENDIX III								
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	21	10	10	NA	NA	NA	17
Fluoride	mg/L	NA	NA	NA	NA	NA	NA	NA
pH, Field	SU	7.16	6.83	6.79	6.77	7.13	7.42	7.28
Sulfate	mg/L	NA	NA	NA	NA	NA	NA	NA
TDS	mg/L	NA	NA	NA	NA	NA	NA	NA
STATE REQUIRED INORGANICS								
Chemical Oxygen Demand	mg/L	< 6.4	< 6.4	< 6.4	NA	NA	NA	< 6.4
Cyanide	mg/L	< 0.0050	< 0.0050	< 0.0050	NA	NA	NA	< 0.0050
Organic Carbon, Total	mg/L	4.7	1.8	1.2	NA	NA	NA	3.8
STATE REQUIRED METALS								
Antimony	mg/L	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Arsenic	mg/L	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040
Barium	mg/L	0.11	0.072	0.040	0.066	0.025	0.015	0.098
Beryllium	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Cadmium	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Chromium	mg/L	0.0025 J	< 0.0020	< 0.0020	< 0.0020	0.0034 J	< 0.0020	< 0.0020
Cobalt	mg/L	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030
Copper	mg/L	0.015	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	0.0044 J
Lead	mg/L	0.0025 J	0.0023 J	< 0.0020	< 0.0020	0.0021 J	< 0.0020	0.0029 J
Mercury	mg/L	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070
Nickel	mg/L	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030
Selenium	mg/L	0.0047 J	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040
Silver	mg/L	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Thallium	mg/L	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025
Vanadium	mg/L	0.0049 J	< 0.0030	< 0.0030	< 0.0030	0.0059 J	< 0.0030	0.0030 J
Zinc	mg/L	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080
MAJOR IONS								
Alkalinity Total as CaCO ₃	mg/L	NA	NA	NA	NA	NA	NA	NA
Bicarbonate Alkalinity as CaCO ₃	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity as CaCO ₃	mg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
FIELD PARAMETERS								
Oxidation Reduction Potential, Field	mV	256	75	-13	72	122	116	119
pH, Field	SU	7.16	6.83	6.79	6.77	7.13	7.42	7.28
RDO Concentration, Field	mg/L	4.57	10.43	8.87	5.54	8.4	9.62	10.01
Specific Conductance, Field	uS/cm	505	424	188	304	227	175	429
Temperature, Field	deg C	18.1	11	11.9	10.9	16.1	12.5	11
Turbidity, Field	NTU	4.38	4.68	6.86	16.3	1.56	5.27	3.02

Notes:

mg/L - milligrams per liter; SU - Standard Units; mV - millivolts; C - degrees Celcius; NTU - Nephelometric Turbidity Unit; uS/cm - microsiemens per centimeter.

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Samples from SWC-8 were not collected as the location was dry at the time of sampling.

**Historical Surface Water
Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA**

Sample Location		SWA-1	SWA-2	SWA-3	SWC-4	SWC-5	SWC-6	SWC-7
Sample Date		05/04/2012	05/04/2012	05/04/2012	05/03/2012	05/03/2012	05/03/2012	05/03/2012
ANALYTE	UNITS							
APPENDIX III								
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	21	9.5	9.9	NA	NA	NA	18
Fluoride	mg/L	NA	NA	NA	NA	NA	NA	NA
pH, Field	SU	8.83	7.43	7.28	8.3	7.49	7.89	7.76
Sulfate	mg/L	NA	NA	NA	NA	NA	NA	NA
TDS	mg/L	NA	NA	NA	NA	NA	NA	NA
STATE REQUIRED INORGANICS								
Chemical Oxygen Demand	mg/L	12	95	< 10	NA	NA	NA	< 6.4
Cyanide	mg/L	< 0.0050	< 0.0050	< 0.0050	NA	NA	NA	< 0.0050
Organic Carbon, Total	mg/L	5.6	1.5	0.95 J	NA	NA	NA	4.3
STATE REQUIRED METALS								
Antimony	mg/L	< 0.0050	< 0.0050	< 0.0050	< 0.0020 J	< 0.0020 J	< 0.0020	< 0.0020
Arsenic	mg/L	< 0.0050	< 0.0050	< 0.0050	< 0.0040	< 0.0040	< 0.0040	< 0.0040
Barium	mg/L	0.13	0.082	0.034	0.11	0.023	0.026	0.11
Beryllium	mg/L	< 0.0030	< 0.0030	< 0.0030	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Cadmium	mg/L	< 0.0050	< 0.0050	< 0.0050	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Chromium	mg/L	0.0035 J	< 0.010	< 0.010	0.0035 J	< 0.0020	0.0046 J	< 0.0020
Cobalt	mg/L	< 0.010	0.0042 J	< 0.010	< 0.0030	< 0.0030	0.0050 J	< 0.0030
Copper	mg/L	0.022	< 0.010	< 0.010	0.014	< 0.0020	< 0.0020	0.0072 J
Lead	mg/L	< 0.0050	< 0.0050	< 0.0050	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Mercury	mg/L	< 0.00020	< 0.00020	< 0.00020	< 0.000070	< 0.000070	< 0.000070	< 0.000070
Nickel	mg/L	< 0.0050	< 0.0050	< 0.0050	< 0.0030	< 0.0030	< 0.0030	< 0.0030
Selenium	mg/L	0.0054 J	< 0.010	< 0.010	0.0061 J	< 0.0040	< 0.0040	< 0.0040
Silver	mg/L	< 0.0050	< 0.0050	< 0.0050	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Thallium	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.00025	< 0.00025	< 0.00025	< 0.00025
Vanadium	mg/L	0.0074 J	< 0.010	< 0.010	0.0081 J	0.0041 J	0.0073 J	0.0043 J
Zinc	mg/L	< 0.020	< 0.020	< 0.020	< 0.0080	< 0.0080	< 0.0080	< 0.0080
MAJOR IONS								
Alkalinity Total as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Bicarbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
FIELD PARAMETERS								
Oxidation Reduction Potential, Field	mV	167	-30	56	154	87	124	151
pH, Field	SU	8.83	7.43	7.28	8.3	7.49	7.89	7.76
RDO Concentration, Field	mg/L	7.87	7.7	6.87	5.2	7.02	7.6	6.07
Specific Conductance, Field	uS/cm	498	434	195	480	239	171	452
Temperature, Field	deg C	26.9	21.2	21.1	27	25.3	21.9	22.8
Turbidity, Field	NTU	11.7	8.81	6.22	8.12	2.61	23.9	7.3

Notes:

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**Historical Surface Water
Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA**

Sample Location	SWA-1	SWA-2	SWC-4	SWC-6	SWC-7
Sample Date	10/29/2011	10/29/2011	10/29/2011	10/29/2011	10/29/2011
ANALYTE	UNITS				
APPENDIX III					
Boron	mg/L	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA
Chloride	mg/L	20	10	NA	4.0
Fluoride	mg/L	NA	NA	NA	NA
pH, Field	SU	6.67	6.77	6.77	6.89
Sulfate	mg/L	NA	NA	NA	NA
TDS	mg/L	NA	NA	NA	NA
STATE REQUIRED INORGANICS					
Chemical Oxygen Demand	mg/L	13	7.7 J	NA	< 6.4
Cyanide	mg/L	< 0.0050	< 0.0050	NA	< 0.0050
Organic Carbon, Total	mg/L	5	3.3	NA	2.1
STATE REQUIRED METALS					
Antimony	mg/L	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Arsenic	mg/L	< 0.0040	< 0.0040	< 0.0040	< 0.0040
Barium	mg/L	0.1	0.071	0.079	0.041
Beryllium	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Cadmium	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Chromium	mg/L	< 0.0020	< 0.0020	< 0.0080	< 0.0080
Cobalt	mg/L	< 0.0030	< 0.0030	< 0.0020	0.010
Copper	mg/L	0.014	< 0.0020	0.0068 J	< 0.0030
Lead	mg/L	0.0042 J	0.0038 J	0.0035 J	0.0033 J
Mercury	mg/L	< 0.000070	< 0.000070	< 0.000070	< 0.000070
Nickel	mg/L	< 0.0030	< 0.0030	< 0.0020	< 0.0020
Selenium	mg/L	0.0084 J	< 0.0040	< 0.0030	< 0.0030
Silver	mg/L	< 0.0020	< 0.0020	< 0.0040	< 0.0040
Thallium	mg/L	< 0.00025	< 0.00025	< 0.00025	< 0.00025
Vanadium	mg/L	0.0080 J	< 0.0030	0.0044 J	< 0.0020
Zinc	mg/L	< 0.0080	< 0.0080	< 0.0030	< 0.0030
MAJOR IONS					
Alkalinity Total as CaCO3	mg/L	NA	NA	NA	NA
Bicarbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA
Carbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA
FIELD PARAMETERS					
Oxidation Reduction Potential, Field	mV	214	188	200	187
pH, Field	SU	6.67	6.77	6.77	6.67
RDO Concentration, Field	mg/L	10.44	8.11	8.91	6.88
Specific Conductance, Field	uS/cm	467	366	400	32.5
Temperature, Field	deg C	14.9	15.9	15.6	16.2
Turbidity, Field	NTU	22.7	26.4	27.6	31.1

Notes:

mg/L - milligrams per liter; SU - Standard Units; mV - millivolts; C - degrees Celcius; NTU - Nephelometric Turbidity Unit; uS/cm - microsiemens per centimet

NA - Indicates substance not analyzed

< indicates the substance was not detected above the reporting limit (RL). The value displayed is the RL.

J - The result is an estimated concentration. "J" qualifiers are applied by the laboratory when the concentration reported is above the method detection limit but below the laboratory reporting limit.

SWA-1, SWA-2, SWA-3, and SWC-7 are sampled for chemical oxygen demand (COD), Cyanide, and total organic carbon (TOC) per site D&O Plan.

Samples from SWA-3, SWC-5 and SWC-8 were not collected as these locations were dry at the time of sampling.

**Historical Surface Water
Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA**

Sample Location		SWA-1	SWA-2	SWA-3	SWC-4	SWC-5	SWC-6	SWC-7
Sample Date		04/30/2011	04/30/2011	04/30/2011	04/30/2011	04/30/2011	04/30/2011	04/30/2011
ANALYTE	UNITS							
APPENDIX III								
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	19	8.9	9.5	NA	NA	NA	17
Fluoride	mg/L	NA	NA	NA	NA	NA	NA	NA
pH, Field	SU	7.73	6.94	7.09	7.69	7.90	7.77	7.74
Sulfate	mg/L	NA	NA	NA	NA	NA	NA	NA
TDS	mg/L	NA	NA	NA	NA	NA	NA	NA
STATE REQUIRED INORGANICS								
Chemical Oxygen Demand	mg/L	24	9.1 J	23	NA	NA	NA	25
Cyanide	mg/L	< 0.0050	< 0.0050	< 0.0050	NA	NA	NA	< 0.0050
Organic Carbon, Total	mg/L	6.4	1.6	1.2	NA	NA	NA	5.3
STATE REQUIRED METALS								
Antimony	mg/L	< 0.0020 J	< 0.0020 J	< 0.0020 J	< 0.0020 J	< 0.0020 J	< 0.0020 J	< 0.0020 J
Arsenic	mg/L	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040
Barium	mg/L	0.083 J	0.079 J	0.038 J	0.056 J	0.045 J	0.080 J	0.081 J
Beryllium	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Cadmium	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Chromium	mg/L	0.0022 J	< 0.0020	< 0.0020	0.0024 J	0.011	0.0022 J	0.0023 J
Cobalt	mg/L	< 0.0030	0.0052 J	0.014	0.0054 J	0.0035 J	< 0.0030	< 0.0030
Copper	mg/L	0.021	< 0.0020	< 0.0020	< 0.0020	0.0079 J	0.015	0.016
Lead	mg/L	< 0.0020	0.0027 J	< 0.0020	0.0031 J	0.0046 J	0.0022 J	0.0025 J
Mercury	mg/L	< 0.000070	0.000077 J	0.000071 J	0.000084 J	0.000097 J	0.000098 J	< 0.000070
Nickel	mg/L	< 0.0030	< 0.0030	0.0033 J	< 0.0030	0.0045 J	< 0.0030	< 0.0030
Selenium	mg/L	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	0.0040 J	< 0.0040
Silver	mg/L	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Thallium	mg/L	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025
Vanadium	mg/L	0.0058 J	< 0.0020	< 0.0020	0.0063 J	0.030	0.0063 J	0.0063 J
Zinc	mg/L	< 0.0080	< 0.0080	0.0085 J	< 0.0080	0.012 J	< 0.0080	< 0.0080
MAJOR IONS								
Alkalinity Total as CaCO ₃	mg/L	NA	NA	NA	NA	NA	NA	NA
Bicarbonate Alkalinity as CaCO ₃	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity as CaCO ₃	mg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
FIELD PARAMETERS								
Oxidation Reduction Potential, Field	mV	10	10	28	12	31	219	222
pH, Field	SU	7.73	6.94	7.09	7.69	7.90	7.77	7.74
RDO Concentration, Field	mg/L	5.93	6.72	6.4	7.04	6.74	8.3	8.87
Specific Conductance, Field	uS/cm	127	148	122	115	35	126	135
Temperature, Field	deg C	25	18.8	18.7	19.1	20	22.6	22.4
Turbidity, Field	NTU	23.8	6.37	7.21	26.1	276	24.2	223

Notes:

mg/L - milligrams per liter; SU - Standard Units; mV - millivolts; C - degrees Celcius; NTU - Nephelometric Turbidity Unit; uS/cm - microsiemens per centimeter.

NA - Indicates substance not analyzed

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J - The result is an estimated concentration. "J" qualifiers are applied by the laboratory when the concentration reported is above the method detection limit, but below the laboratory reporting limit.

SWA-1, SWA-2, SWA-3, and SWC-7 are sampled for chemical oxygen demand (COD), Cyanide, and total organic carbon (TOC) per site D&O Plan.

Samples from SWC-8 were not collected as the location was dry at the time of sampling.

**Historical Surface Water
Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA**

Sample Location		SWA-1	SWC-5	SWA-2	SWA-3	SWC-4	SWC-6	SWC-7	SWC-8
Sample Date		09/07/2010	09/07/2010	09/06/2010	09/06/2010	09/06/2010	09/06/2010	09/06/2010	09/06/2010
ANALYTE	UNITS								
APPENDIX III									
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	17	NA	9.8	11	NA	NA	19	NA
Fluoride	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
pH, Field	SU	6.82	6.19	6.07	6.11	6.56	7.7	7.21	6.87
Sulfate	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
TDS	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
STATE REQUIRED INORGANICS									
Chemical Oxygen Demand	mg/L	22	NA	11	9.7 J	NA	NA	20	NA
Cyanide	mg/L	< 0.0050	NA	< 0.0050	< 0.0050	NA	NA	< 0.0050	NA
Organic Carbon, Total	mg/L	5.0	NA	1.0	0.57 J	NA	NA	5.6	NA
STATE REQUIRED METALS									
Antimony	mg/L	0.0024 J	0.0020 J	0.0030 J	0.0041 J	0.0023 J	0.0071	0.012	0.0053
Arsenic	mg/L	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040
Barium	mg/L	0.12	0.042 J	0.082 J	0.032 J	0.058 J	0.062 J	0.12	0.046 J
Beryllium	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Cadmium	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Chromium	mg/L	0.0033 J	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	0.0037 J	< 0.0020
Cobalt	mg/L	< 0.0030	< 0.0030	0.0035 J	< 0.0030	0.037 J	0.0086 J	< 0.0030	0.0038 J
Copper	mg/L	0.032	< 0.0020	< 0.0020	< 0.0020	< 0.0020	0.0080 J	0.035	< 0.0020
Lead	mg/L	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Mercury	mg/L	0.000092 J	< 0.000070	< 0.000070	0.00010 J	< 0.000070	< 0.000070	0.00010 J	< 0.000070
Nickel	mg/L	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030
Selenium	mg/L	0.0071 J	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	0.0048 J	< 0.0040
Silver	mg/L	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Thallium	mg/L	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025
Vanadium	mg/L	0.011	0.0059 J	< 0.0030	< 0.0020	< 0.0020	0.0051 J	0.013	< 0.002
Zinc	mg/L	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080
MAJOR IONS									
Alkalinity Total as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Bicarbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
FIELD PARAMETERS									
Oxidation Reduction Potential, Field	mV	66	45	57	72	56	50	58	45
pH, Field	SU	6.82	6.19	6.07	6.11	6.56	7.7	7.21	6.87
RDO Concentration, Field	mg/L	7.51	5.74	7.27	7.87	7.85	9.01	7.78	7.11
Specific Conductance, Field	uS/cm	347	90	267	212	227	100	402	94
Temperature, Field	deg C	22.1	22.8	18.6	18.4	19.4	15.7	22	21.2
Turbidity, Field	NTU	9.82	31.8	7.88	6.84	6.23	17.7	15.6	10.7

Notes:

mg/L - milligrams per liter; SU - Standard Units; mV - millivolts; C - degrees Celcius; NTU - Nephelometric Turbidity Unit; uS/cm - microsiemens per centimeter.

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SWA-1, SWA-2, SWA-3, and SWC-7 are sampled for chemical oxygen demand (COD), Cyanide, and total organic carbon (TOC) per site D&O Plan.

**Historical Surface Water
Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA**

Sample Location		SWA-2	SWC-4	SWC-6	SWC-7	SWA-1	SWC-5	SWC-8
Sample Date		07/29/2010	07/29/2010	07/29/2010	07/29/2010	07/28/2010	07/28/2010	07/28/2010
ANALYTE	UNITS							
APPENDIX III								
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	9.1	NA	NA	16	18	NA	NA
Fluoride	mg/L	NA	NA	NA	NA	NA	NA	NA
pH, Field	SU	8.06	8.08	8.03	8.04	8.98	7.74	7.69
Sulfate	mg/L	NA	NA	NA	NA	NA	NA	NA
TDS	mg/L	NA	NA	NA	NA	NA	NA	NA
STATE REQUIRED INORGANICS								
Chemical Oxygen Demand	mg/L	< 1.8	NA	NA	8.2	12	NA	NA
Cyanide	mg/L	< 0.010	NA	NA	< 0.010	< 0.010	NA	NA
Organic Carbon, Total	mg/L	2.1	NA	NA	5.5	6.4	NA	NA
STATE REQUIRED METALS								
Antimony	mg/L	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Arsenic	mg/L	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040
Barium	mg/L	0.064 J	0.046 J	0.038 J	0.070 J	0.072 J	0.042 J	0.056 J
Beryllium	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Cadmium	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Chromium	mg/L	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	0.0029 J	< 0.0020
Cobalt	mg/L	< 0.0030	< 0.0030	< 0.0070 J	< 0.0030	< 0.0030	< 0.0030	0.0042 J
Copper	mg/L	< 0.0020	< 0.0020	< 0.0020	0.011	0.017	0.0021 J	< 0.0020
Lead	mg/L	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Mercury	mg/L	< 0.000070	< 0.000070	0.000099 J	< 0.000070	< 0.000070	< 0.000070	< 0.000070
Nickel	mg/L	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030
Selenium	mg/L	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040
Silver	mg/L	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Thallium	mg/L	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040
Vanadium	mg/L	< 0.0020	< 0.0020	0.0037 J	0.0046 J	0.0055 J	0.0060 J	< 0.0020
Zinc	mg/L	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080
MAJOR IONS								
Alkalinity Total as CaCO ₃	mg/L	NA	NA	NA	NA	NA	NA	NA
Bicarbonate Alkalinity as CaCO ₃	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity as CaCO ₃	mg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
FIELD PARAMETERS								
Oxidation Reduction Potential, Field	mV	154	141	156	164	153	151	98
pH, Field	SU	8.06	8.08	8.03	8.04	8.98	7.74	7.69
RDO Concentration, Field	mg/L	6.6	5.7	8.82	6.75	5.9	6.5	6.14
Specific Conductance, Field	uS/cm	376	287	162	263	255	257	303
Temperature, Field	deg C	24	24.1	22.4	27.4	33.5	25.2	25
Turbidity, Field	NTU	18.6	12.2	16.2	14.9	10.8	33.9	18.6

Notes:

mg/L - milligrams per liter; SU - Standard Units; mV - millivolts; C - degrees Celcius; NTU - Nephelometric Turbidity Unit; uS/cm - microsiemens per centimeter.

NA - Indicates substance not analyzed

< indicates the substance was not detected above the reporting limit (RL). The value displayed is the RL.

J - The result is an estimated concentration. "J" qualifiers are applied by the laboratory when the concentration reported is above the method detection limit, but below the laboratory reporting limit.

SWA-1, SWA-2, SWA-3, and SWC-7 are sampled for chemical oxygen demand (COD), Cyanide, and total organic carbon (TOC) per site D&O Plan.

Samples from SWA-3 were not collected as the location was dry at the time of sampling.

**Historical Surface Water
Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA**

Sample Location		SWA-1	SWA-2	SWA-3	SWC-4	SWC-5	SWC-6	SWC-7	SWC-8
Sample Date		06/19/2010	06/19/2010	06/19/2010	06/19/2010	06/19/2010	06/19/2010	06/19/2010	06/19/2010
ANALYTE	UNITS								
APPENDIX III									
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	19	9.4	9.7	NA	NA	NA	18	NA
Fluoride	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
pH, Field	SU	8.66	7.22	7.18	7.40	6.44	7.78	8.23	7.10
Sulfate	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
TDS	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
STATE REQUIRED INORGANICS									
Chemical Oxygen Demand	mg/L	19	7.2 J	7.5 J	NA	NA	NA	16	NA
Cyanide	mg/L	< 0.0050	< 0.0050	< 0.0050	NA	NA	NA	< 0.0050	NA
Organic Carbon, Total	mg/L	6.8	1.7	1.4	NA	NA	NA	6.5	NA
STATE REQUIRED METALS									
Antimony	mg/L	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Arsenic	mg/L	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040
Barium	mg/L	0.079 J	0.072 J	0.026 J	0.054 J	0.017 J	0.075 J	0.078 J	0.059 J
Beryllium	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Cadmium	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	0.0011 J	< 0.0010	< 0.0010	< 0.0010
Chromium	mg/L	< 0.0020	< 0.0020	< 0.0020	< 0.0020	0.0051	< 0.0020	< 0.0020	< 0.0020
Cobalt	mg/L	< 0.0030	0.0045 J	0.0030 J	< 0.0030	0.0083 J	< 0.0030	< 0.0030	0.0050 J
Copper	mg/L	0.028	< 0.0020	< 0.0020	0.0028 J	0.0028 J	0.022	0.025	< 0.0020
Lead	mg/L	0.0025 J	< 0.0020	< 0.0020	0.0021 J	0.0023 J	0.0021 J	0.0023 J	< 0.0020
Mercury	mg/L	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070
Nickel	mg/L	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030
Selenium	mg/L	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040
Silver	mg/L	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Thallium	mg/L	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040
Vanadium	mg/L	0.0041 J	< 0.0020	< 0.0020	0.0029 J	0.0094 J	0.0058 J	0.0050 J	< 0.0020
Zinc	mg/L	< 0.0080	< 0.0080	< 0.0080	< 0.0080	0.0088 J	< 0.0080	< 0.0080	< 0.0080
MAJOR IONS									
Alkalinity Total as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Bicarbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
FIELD PARAMETERS									
Oxidation Reduction Potential, Field	mV	75	-5	133	67	66	68	72	29
pH, Field	SU	8.66	7.22	7.18	7.40	6.44	7.78	8.23	7.10
RDO Concentration, Field	mg/L	6.16	8.24	7.59	7.45	3.89	7.66	5.31	7.33
Specific Conductance, Field	uS/cm	275	371	196	300	55	152	271	263
Temperature, Field	deg C	31.5	27.1	28.3	25.9	26.3	26.6	31	26.3
Turbidity, Field	NTU	8.58	6.48	5.35	20.5	105	32.4	15.3	7.65

Notes:

mg/L - milligrams per liter; SU - Standard Units; mV - millivolts; C - degrees Celcius; NTU - Nephelometric Turbidity Unit; uS/cm - microsiemens per centimeter.

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**Historical Surface Water
Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA**

Sample Location		SWA-1	SWA-2	SWA-3	SWC-4	SWC-5	SWC-6	SWC-7	SWC-8
Sample Date		05/12/2010	05/12/2010	05/12/2010	05/12/2010	05/12/2010	05/12/2010	05/12/2010	05/12/2010
ANALYTE	UNITS								
APPENDIX III									
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	15	9.1	9.6	NA	NA	NA	15	NA
Fluoride	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
pH, Field	SU	6.63	5.96	5.60	6.28	5.97	6.25	6.55	6.14
Sulfate	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
TDS	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
STATE REQUIRED INORGANICS									
Chemical Oxygen Demand	mg/L	25	16	5.6 J	NA	NA	NA	15	NA
Cyanide	mg/L	< 0.0050	< 0.0050	< 0.0050	NA	NA	NA	< 0.010	NA
Organic Carbon, Total	mg/L	5.3	1.9	1.3	NA	NA	NA	4.8	NA
STATE REQUIRED METALS									
Antimony	mg/L	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Arsenic	mg/L	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040
Barium	mg/L	0.14	0.078 J	0.035 J	0.052 J	0.039 J	0.043 J	0.14	0.088 J
Beryllium	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Cadmium	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Chromium	mg/L	0.0039 J	< 0.0020	< 0.0020	< 0.0020	0.0055	0.0021 J	0.0040 J	< 0.0020
Cobalt	mg/L	< 0.0030	0.0065 J	0.011	< 0.0030	0.023	0.0068 J	< 0.0030	0.010
Copper	mg/L	0.033	< 0.0020	< 0.0020	< 0.0020	0.0041 J	< 0.0020	0.028	< 0.0020
Lead	mg/L	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Mercury	mg/L	< 0.000070	< 0.000070	< 0.000070	0.000072 J	< 0.000070	0.000070 J	< 0.000070	0.000080 J
Nickel	mg/L	0.0031 J	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030
Selenium	mg/L	0.012	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	0.011	< 0.0040
Silver	mg/L	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Thallium	mg/L	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040
Vanadium	mg/L	0.016	< 0.0020	< 0.0020	< 0.0020	0.013	0.0033 J	0.016	< 0.0020
Zinc	mg/L	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080
MAJOR IONS									
Alkalinity Total as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Bicarbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
FIELD PARAMETERS									
Oxidation Reduction Potential, Field	mV	50	45	63	51	37	42	43	34
pH, Field	SU	6.63	5.96	5.60	6.28	5.97	6.25	6.55	6.14
RDO Concentration, Field	mg/L	8.71	7.77	8.46	8	5.38	8.58	7.49	7.26
Specific Conductance, Field	uS/cm	363	280	224	212	72	112	361	88
Temperature, Field	deg C	24.4	17.5	16.8	18.6	23.6	19.5	25.3	18.6
Turbidity, Field	NTU	6.85	8.62	4.89	5.28	102	10.9	11	9.22

Notes:

mg/L - milligrams per liter; SU - Standard Units; mV - millivolts; C - degrees Celcius; NTU - Nephelometric Turbidity Unit; uS/cm - microsiemens per centimeter.

NA - Indicates substance not analyzed

< indicates the substance was not detected above the reporting limit (RL). The value displayed is the RL.

J - The result is an estimated concentration. "J" qualifiers are applied by the laboratory when the concentration reported is above the method detection limit, but below the laboratory reporting limit.

SWA-1, SWA-2, SWA-3, and SWC-7 are sampled for chemical oxygen demand (COD), Cyanide, and total organic carbon (TOC) per site D&O Plan.

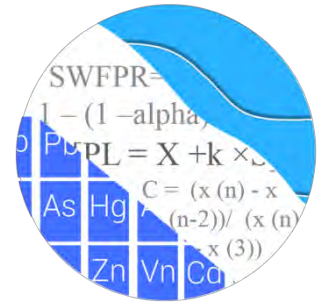
APPENDIX E

Statistical Analyses

APPENDIX E

**Statistical Analyses
February-May 2024**

GROUNDWATER STATS CONSULTING



August 30, 2024

Southern Company Services
Attn: Mr. Joju Abraham
241 Ralph McGill Blvd NE, Bin 10160
Atlanta, Georgia 30308-3374

Re: Plant Scherer Cell 1 Landfill
Statistical Analysis – February/March 2024

Dear Mr. Abraham,

Groundwater Stats Consulting, formerly the statistical consulting division of Sanitas Technologies, is pleased to provide the groundwater statistical analysis for the 2024 1st Semi-Annual Groundwater Monitoring Statistical Analysis sample event for Georgia Power Company's Plant Scherer Cell 1 Landfill. The analysis complies with the Georgia Environmental Protection Division (EPD) Rules for Solid Waste Management Chapter 391-3-4-.10 and follows the United States Environmental Protection Agency (USEPA) Unified Guidance (2009).

Sampling began for the Coal Combustion Residuals (CCR) program in 2016. Semi-annual sampling for 16 parameters began in 2010 in accordance with the Georgia Department of Natural Resources, Environmental Protection Division (Georgia EPD) groundwater monitoring regulations. At least 8 background samples have been collected at each of the groundwater monitoring wells.

The monitoring well network, as provided by Southern Company Services, consists of the following:

- **Upgradient wells:** GWA-15, GWA-16, and GWA-17
- **Downgradient wells:** GWC-1, GWC-2, GWC-3, GWC-4, GWC-5, GWC-6, GWC-7, GWC-8A, GWC-9, GWC-10, GWC-11, GWC-12, GWC-13, GWC-14, GWC-18, GWC-19, and GWC-20

Data were sent electronically to Groundwater Stats Consulting, and the statistical analysis was reviewed by Kristina Rayner, Senior Statistician and Founder of Groundwater Stats Consulting. The analysis is prepared according to the recommended statistical methodology prepared in the Fall 2017 by Dr. Kirk Cameron, PhD Statistician with MacStat Consulting, primary author of the USEPA Unified Guidance.

The State and CCR program consist of the constituents listed below. The terms “parameters” and “constituents” are used interchangeably:

- **CCR Appendix III** - boron, calcium, chloride, fluoride, pH, sulfate, and TDS
- **Georgia EPD Appendix I** - antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, nickel, selenium, silver, thallium, vanadium, and zinc

Statistical analyses are not required when 100% non-detects are present in wells for a given constituent. A list of Appendix I and III well/constituent pairs with 100% non-detects follows this letter. Due to varying detection limits in data sets, generally due to improved laboratory practices, a substitution of the most recent reporting limit is used for all non-detects. Note that for calculation of intrawell prediction limits, substitution of the most recent reporting limit is performed separately for each well/parameter pair. In some cases, the reporting limit provided by the laboratory contained varying limits for a given constituent; therefore, the substitution may differ from well to well. This generally gives the most conservative limit in each case. In the case of fluoride, varying reporting limits resulted from different laboratories for the February/March 2024 event; therefore, a reporting limit of 0.1 mg/L was substituted across all wells to maintain statistical limits that are conservative from a regulatory perspective.

Time series plots for CCR Appendix III and Georgia EPD Appendix I parameters at all wells are provided for the purpose of screening data at these wells (Figure A). Additionally, a separate section of box plots is included for all constituents at upgradient and downgradient wells (Figure B). The time series plots are used to initially screen for suspected outliers and trends, while the box plots provide visual representation of variation within individual wells and between all wells. Values in background which have been flagged as outliers may be seen in a lighter font and as a disconnected symbol on the graphs.

In earlier analyses, data at all wells for constituents detected in downgradient wells were evaluated for the following: 1) outliers; 2) trends; 3) most appropriate statistical method based on site characteristics of groundwater data upgradient of the facility; and 4) eligibility of downgradient wells when intrawell statistical methods are recommended.

Power curves were provided with the background update described below to demonstrate that the selected statistical methods for the constituents listed above comply with the USEPA Unified Guidance and the Georgia Environmental Protection Division Rules for Solid Waste Management Chapter 391-3-4-.10. The EPA suggests that the selected statistical method should provide at least 55% power at 3 standard deviations or at least 80% power at 4 standard deviations. It is assumed a minimum of 14 background samples for the state parameters and a minimum of 11 background samples for the federal parameters are available to provide adequate statistical power using a 1-of-2 resample plan. For any well/constituent pairs that contain less than the minimum sample size requirements, the earlier portion of the record required truncation due to elevated concentrations compared to recently reported measurements which results in more conservative (i.e., lower) limits. Power curves were based on the following:

Georgia EPD Appendix I Constituents:

- Semi-Annual Sampling
- Interwell Prediction Limits with 1-of-2 resample plan (arsenic and silver)
- Intrawell Prediction Limits with 1-of-2 resample plan (antimony, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, nickel, selenium, thallium, vanadium, and zinc)
- # Constituents: 16
- # Downgradient wells: 17

CCR Appendix III Constituents:

- Semi-Annual Sampling
- Intrawell Prediction Limits with 1-of-2 resample plan – (boron, calcium, chloride, fluoride, pH, sulfate, and TDS)
- # Constituents: 7
- # Downgradient wells: 17

The distribution of data is tested using the Shapiro-Wilk/Shapiro-Francia test for normality. Parametric prediction limits are utilized when the screened historical data follow a normal or transformed-normal distribution. When data cannot be normalized or the majority of data are non-detects, a nonparametric test is utilized. While the false positive rate associated with the parametric limits is based on an annual 10% (5% for each semi-annual sample event) as recommended by the EPA Unified Guidance (2009), the false positive rate associated with the nonparametric limits is dependent upon the available background sample size, number of future comparisons, and verification

resample plan. The following approaches are used for handling non-detects (USEPA, 2009):

- No statistical analyses are required on wells and analytes containing 100% non-detects (USEPA Unified Guidance, 2009, Chapter 6).
- When data contain <15% non-detects, simple substitution of one-half the reporting limit is utilized in the statistical analysis. The reporting limit utilized for non-detects is the most recent practical quantification limit (PQL) as reported by the laboratory.
- When data contain between 15-50% non-detects, the Kaplan-Meier non-detect adjustment is applied to the background data for parametric limits. This technique adjusts the mean and standard deviation of the historical concentrations to account for concentrations below the reporting limit.
- Nonparametric prediction limits are used on data containing greater than 50% non-detects.

Natural systems continuously evolve due to physical changes made to the environment. Examples include capping a landfill, paving areas near a well, or lining a drainage channel to prevent erosion. Periodic updating of background statistical limits is necessary to accommodate these types of changes. In the interwell case, prediction limits are updated with upgradient well data during each event after careful screening for any new outliers. In the intrawell case, data for all wells and constituents may be re-evaluated when a minimum of 4 new data points are available to determine whether earlier concentrations are representative of present-day groundwater quality. In some cases, an earlier portion of data is deselected prior to construction of limits to provide sensitive limits that will rapidly detect changes in groundwater quality. Even though the data are excluded from the calculation, the values will continue to be reported and shown in tables and graphs.

Two-Step Statistical Analysis

Intrawell statistical methods, combined with a 1-of-2 resample plan, may be used as a conservative first step for identifying potential facility impacts to groundwater quality in downgradient wells. Intrawell methods use background data from individual wells and may be overly sensitive to spatial variation. In particular, for nonparametric limits with small background sample sizes, the probability of a false positive result is higher than the desired annual sitewide rate of 10%. Therefore, a large number of exceedances may occur as a result of spatial variation rather than facility impacts. A second step can be used to further evaluate those exceedances and reduce the overall number of statistically significant increases (SSIs) that result from spatial variation. In instances where intrawell statistical methods identify an apparent SSI, a second step of interwell statistical

evaluation may be used to determine whether the measurement exceeds the sitewide background limit based on pooled upgradient well data. This is similar in concept to the procedure used in compliance monitoring programs where an interwell statistical limit is used to determine "background" (USEPA Unified Guidance (2009), Chapter 7, Section 7.5). For the detection monitoring program, if the result does not exceed sitewide (interwell) background, an SSI is not declared.

When the result exceeds the sitewide (interwell) background, the 1-of-2 resample plan allows for collection of an independent resample to confirm or disconfirm the initial finding. A statistically significant increase is not declared unless the resample also exceeds the intrawell prediction limit (United States Environmental Protection Agency (USEPA) Unified Guidance, March 2009, Chapter 19). When the resample confirms the initial exceedance, further research would be required to identify the cause of the exceedance (i.e., impact from the site, natural variation, or an off-site source). When any resample falls within the statistical limit, the initial exceedance is considered to be a false positive result, and no further action is necessary. In cases where intrawell and interwell exceedances are noted and no resamples are collected, the initial exceedance will be considered a confirmed SSI.

Trend tests, in addition to interwell prediction limits, are recommended for well/constituent pairs found to have an apparent intrawell SSI. Trend analysis will provide for detection of long-term changes and potential facility impacts at a given well in cases where the concentrations at that well remain below the sitewide upgradient limits. Thus, the two-step approach has additional capability to detect long-term changes at downgradient wells compared to interwell methods alone. While a trend may be identified by visual inspection, a quantification of the trend and its significance is needed to identify whether concentrations are statistically significantly increasing, decreasing, or remaining stable over time. The absence of a statistically significant increasing trend indicates that an initial intrawell exceedance is short-term and may be the result of spatial variation rather than facility impact to groundwater. If a facility impact has occurred, it will likely result in additional exceedances in future sampling events. When a statistically significant increasing trend is noted, additional data may be needed to demonstrate that there is reasonable evidence that the initial intrawell statistical exceedance is a result of spatial variation rather than a result of impact to groundwater quality downgradient of the facility.

Summary of Background Screening – CCR Appendix III – Conducted in 2017

The original background screening for CCR Appendix III constituents was conducted in 2017 by MacStat Consulting. Values identified as outliers were flagged in the database

and excluded prior to construction of statistical limits. Intrawell prediction limits, combined with a 1-of-2 resample plan, were recommended. The Analysis of Variance (ANOVA) was used to statistically evaluate differences in average concentrations among upgradient wells, which assists in identifying the most appropriate statistical approach. Interwell tests, which compare downgradient well data to statistical limits constructed from pooled upgradient well data, are appropriate when average concentrations are similar across upgradient wells. Intrawell tests, which compare compliance data from a single well to screened historical data within the same well, are appropriate when upgradient wells exhibit spatial variation; when statistical limits constructed from upgradient wells would not be conservative from a regulatory perspective; and when downgradient water quality is unimpacted compared to upgradient water quality for the same parameter. Based on the results of the original background screening, intrawell tests were recommended for all Appendix III parameters.

Summary of Background Screening – Georgia EPD Appendix I – Conducted in August 2019

Outlier Analysis

Time series plots were used to identify suspected outliers, or extreme values that would result in limits that are not representative of the current background data population. Suspected outliers at all wells and parameters were formally tested using Tukey's box plot method and, when identified, flagged in the computer database with "o" and deselected prior to construction of statistical limits. The results of Tukey's outlier test as well as a discussion of potential outliers and flagged values were included with the background screening report.

Seasonality

No obvious seasonal patterns were observed on the time series plots for any of the detected data; therefore, no deseasonalizing adjustments were made to the data. When seasonal patterns are observed, data may be deseasonalized so that the resulting limits will correctly account for the seasonality as a predictable pattern rather than random variation or a release.

Trend Tests

While trends may be identified by visual inspection, a quantification of the trend and its significance is needed. The Sen's Slope/Mann Kendall trend test, which tests for statistically significant increasing or decreasing trends, was used to evaluate data at all

upgradient wells and downgradient wells with detections for the following constituents: arsenic, barium, chromium, cobalt, copper, lead, nickel, selenium, silver, vanadium, and zinc.

In the absence of suspected contamination, significant trending data are typically not included as part of the background data used for construction of prediction limits. This step serves to eliminate the trend and, thus, reduce variation in background. When statistically significant decreasing trends are present, all available data are evaluated to determine whether earlier concentration levels are significantly different from current reported concentrations and will be deselected as necessary. When any records of data are truncated for the reasons above, a summary report will be provided to show the date ranges used in construction of the statistical limits.

The results of the trend analyses showed several statistically significant increasing trends. However, the majority of these trends were relatively low in magnitude when compared to average concentrations; therefore, most records required no adjustments. The following well/constituent pairs did require adjustments to the records in order to remove increasing trends and use more recent data that will result in statistical limits representative of present-day groundwater quality conditions: chromium in wells GWC-1 and GWC-10, and vanadium in well GWC-1. A summary of the background periods used for these well/constituent pairs follows this letter. When an increasing trend in a downgradient well is removed by truncating the earlier portion of the record for a constituent analyzed by intrawell limits, it is assumed that the trend is not the result of the facility. This assumption is supported by a boxplot for all wells, by pre-waste data, or by an alternate source demonstration.

Selenium at well GWC-5 had elevated concentrations beginning in 2015, reportedly, due to surface infiltration from a leaking pipe that has since been fixed. Therefore, trend tests were recommended in lieu of prediction limits. While the trend test showed an increasing trend when the entire record of data was evaluated, an additional trend test which evaluated only the most recent 8 measurements was included and demonstrated that the more recent measurements result in a statistically significant decreasing trend. Prediction limits resumed when at least 8 measurements returned to background levels.

Several statistically significant decreasing trends were noted, but no records required adjustment during the screening. Vanadium at well GWC-8A has several more recent low-level reported concentrations similar to those reported during the earliest years of sampling. If these low-level concentrations continue, once a minimum of 8 new observations are available, the background data will likely be truncated to only use more recent data for construction of statistical limits.

Determination of Spatial Variation

The Analysis of Variance (ANOVA) was used to statistically evaluate differences in average concentrations among upgradient wells for constituents detected in downgradient wells which included: arsenic, barium, chromium, cobalt, copper, lead, nickel, selenium, silver, vanadium, and zinc. The ANOVA assists in identifying the most appropriate statistical approach. Based on the results of the background screening, intrawell tests were recommended for antimony, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, nickel, selenium, thallium, vanadium, and zinc, while interwell tests were recommended for arsenic and silver. A summary table of the ANOVA results and a discussion of the intrawell method eligibility was included with the screening.

Background Updates – Georgia EPD Appendix I and CCR Appendix III

June 2021

Outlier Analysis

Prior to updating background data, visual screening was used to evaluate data for suspected outliers in upgradient and downgradient wells through September 2020. All of the more recent compliance measurements appeared stable with no spurious measurements compared to the previously screened historical data sets; therefore, no new outliers were flagged except for a high value for sulfate at well GWC-13 and the historic highest values for chloride and sulfate at GWC-5. These values were flagged in order to maintain conservative (i.e., lower) statistical limits. Outliers are displayed in a lighter font and as a disconnected symbol on the time series reports, as well as in a lighter font on the accompanying data pages.

Mann-Whitney Comparison of Medians

For constituents tested using intrawell prediction limits, which includes all Georgia EPD Appendix I constituents (except arsenic and silver which utilize interwell prediction limits) and all CCR Appendix III constituents, the Mann-Whitney (Wilcoxon Rank Sum) test was used to compare the medians of historical data through October 2018 to the new compliance samples at each well through September 2020. When no variation is present between historical data and compliance samples, the Mann-Whitney test is not performed. A list of well/constituent pairs with no variation was submitted with the background update. When the medians of the two groups are not statistically significantly different at the 99% confidence level, background data sets are updated to include the

newer compliance data. The results of the Mann-Whitney test and discussion regarding updating background records were included with the background update report. A summary of well/constituent pairs using a truncated portion of their record to establish intrawell prediction limits follows this letter. All records for Appendix I and Appendix III constituents using intrawell methods will be re-evaluated during the next background update.

Trend Tests

For constituents requiring interwell prediction limits (arsenic and silver), the Sen's Slope/Mann Kendall trend test, which tests for statistically significant increasing or decreasing trends, was used to evaluate data at all upgradient wells. As mentioned above, in the absence of suspected contamination, significant trending data are typically not included as part of the background data used for construction of prediction limits. This step serves to eliminate the trend, thus reducing variation in background. When statistically significant decreasing trends are present, all available data are evaluated to determine whether earlier concentration levels are significantly different from current reported concentrations and will be deselected as necessary. No significant trends were identified among upgradient wells for arsenic and silver; therefore, no further action was necessary. Complete graphical results of the trend tests were submitted with the background update report.

May 2023

Outlier Analysis

Prior to updating background data, visual screening and Tukey's outlier test were used to evaluate data for suspected outliers in upgradient and downgradient wells through December 2022. Both Tukey's outlier test and visual screening confirmed previously flagged outliers with the exception of low values for pH at upgradient well GWA-15, downgradient wells GWC-2, GWC-11, GWC-12, and GWC-14. These values were unflagged during the update as the measurements were representative of concentrations throughout the respective records. Elevated historic concentrations compared to present-day conditions, such as the highest respective values for copper in downgradient well GWC-8A, lead in downgradient well GWC-3, pH in well GWC-2, and TDS in downgradient well GWC-11, were flagged in order to maintain conservative (i.e., lower) statistical limits. A summary of all flagged outliers follows this letter (Figure C). Outliers are displayed in a lighter font and as a disconnected symbol on the time series reports as well as in a lighter font on the accompanying data pages.

Mann-Whitney Comparison of Medians

For constituents tested using intrawell prediction limits, which include all Georgia EPD Appendix I constituents (except arsenic and silver which utilize interwell prediction limits) and all CCR Appendix III constituents, the Mann-Whitney (Wilcoxon Rank Sum) test was used to compare the medians of historical data through September 2020 to the new compliance samples at each well through December 2022. When no variation is present between historical data and compliance samples, the Mann-Whitney test is not performed. When the medians of the two groups are not statistically significantly different at the 99% confidence level (either an increase or decrease), background data sets may be updated to include the newer compliance data. The results of the Mann-Whitney test showed statistically significant differences for the following well/constituent pairs:

Increase:

- Barium: GWC-10, GWC-12, GWC-13, GWC-19, and GWC-4
- Calcium: GWC-19, GWC-4, and GWC-8A
- Chloride: GWA-15 (upgradient) GWC-10, GWC-14, GWC-18, GWC-19, GWC-7
- Chromium: GWC-10 and GWC-19
- Nickel: GWC-2 and GWC-8A
- pH: GWC-18
- Sulfate: GWC-10 and GWC-4

Decrease:

- Antimony: GWC-4
- Beryllium: GWC-5 and GWC-8A
- Boron: GWC-5 and GWC-6
- Cadmium: GWC-2
- Calcium: GWC-5
- Cobalt: GWC-12 and GWC-9
- Copper: GWC-1, GWC-2, and GWC-3
- Fluoride: GWC-18 and GWC-19
- Nickel: GWA-15 (upgradient), GWC-1, GWC-11, GWC-12, GWC-20, GWC-4, GWC-5, and GWC-6
- Selenium: GWC-4 and GWC-5
- Sulfate: GWC-5
- Thallium: GWC-19, GWC-5, GWC-6, GWC-8A, and GWC-9
- TDS: GWC-5
- Vanadium: GWA-8A (upgradient)

For both Appendix I and III well/constituent pairs with a statistically significant increase in median concentrations, the following records were not updated with data through December 2022 in order to maintain statistical limits that are conservative from a regulatory perspective:

- Barium: GWC-10, GWC-13, GWC-19, and GWC-4
- Calcium: GWC-19 and GWC-8A
- Sulfate: GWC-10 and GWC-4

The following records were updated through December 2022 because the newer data were within or close to the range of earlier data and would not greatly increase statistical limits:

- Barium: GWC-12
- Calcium: GWC-4
- Chloride: GWA-15 (upgradient), GWC-10, GWC-14, GWC-18, GWC-19, GWC-7
- Chromium: GWC-10 and GWC-19
- Nickel: GWC-2 and GWC-8A
- pH: GWC-18

Note that the record for calcium at GWC-4 was updated through August 2022 rather than December 2022 in order to maintain statistical limits that are conservative (i.e., lower) from a regulatory perspective. Although an increasing trend is present for chloride at well GWC-10, the reported concentrations remain low resulting in an intrawell prediction limit of 5 mg/L, which is significantly lower than the Maximum Concentration Limit (MCL) of 250 mg/L. This record will be re-evaluated during the next background update.

Regarding Appendix I and III well/constituent pairs with a statistically significant decrease in median concentrations, all records were updated with compliance data as all cases (with the exception of boron, calcium, selenium, sulfate, and TDS at well GWC-5) contained compliance data at or below the reporting limit. For the aforementioned constituents at well GWC-5, background data were updated through December 2022, and elevated concentrations reported earlier in the record were truncated in order to construct statistical limits that are conservative (i.e., lower) from a regulatory perspective and are more representative of present-day groundwater quality conditions. For the same reasons, earlier concentrations for chloride at well GWC-5 were also truncated from the record, even though the difference in medians was not statistically significant.

The Mann Whitney test did not identify significant differences in medians for lead; however, it was noted during the previous update that historical data prior to 2016 are variable and appear to represent a sampling or analysis error. Therefore, all historical data prior to 2016 for lead were truncated so that resulting prediction limits are conservative (i.e., lower) from a regulatory perspective.

Due to variable concentrations, a trend test was previously recommended in lieu of prediction limits for selenium at well GWC-5 until at least the most recent 8 observations had stabilized at lower concentrations. Since no significant trends were identified for selenium among the most recent concentrations at the 99% confidence level and data appear to have stabilized, intrawell prediction limits were constructed using a truncated record as described above.

A summary of well/constituent pairs using a truncated portion of their record to establish intrawell prediction limits follows this letter. All records for Appendix I and Appendix III constituents using intrawell methods will be re-evaluated during the next background update.

Trend Tests

For constituents requiring interwell prediction limits (arsenic and silver), the Sen's Slope/Mann Kendall trend test, which tests for statistically significant increasing or decreasing trends, was used to evaluate data at all upgradient wells at the 99% confidence level. As mentioned above, in the absence of suspected contamination, significant trending data are typically not included as part of the background data used for construction of prediction limits. This step serves to eliminate the trend, thus reducing variation in background. When statistically significant decreasing trends are present, all available data are evaluated to determine whether earlier concentration levels are significantly different from current reported concentrations and will be deselected as necessary. No significant trends were identified among upgradient wells for arsenic and silver; therefore, no further action was necessary. Complete graphical results of the trend tests were included with the previous update.

Prediction Limits - Appendix I & III Constituents – February/March 2024

Intrawell limits were used to evaluate all Appendix I and III constituents in this analysis with the exception of arsenic and silver, which use interwell limits. In cases where intrawell analyses are recommended and downgradient average concentrations are higher than upgradient observed concentrations for a given constituent, the current assumption is that the higher upgradient concentrations are due to spatial variation rather than a result

of practices at the landfill. The pre-waste data support this logic, as well as the alternate source demonstrations prepared by Golder Associates.

When there is not an obvious explanation for observed concentration differences in downgradient wells relative to reported concentrations in upgradient wells (such as arsenic and silver), interwell prediction limits will initially be selected for the statistical method until further evidence shows that concentrations are due to spatial variation rather than a result of the facility.

Intrawell Prediction Limits

Intrawell prediction limits, combined with a 1-of-2 resample plan, were constructed using all available data through December 2022, except for cases mentioned above, within each well with detections for Appendix I constituents (antimony, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, nickel, selenium, thallium, vanadium, and zinc) and Appendix III constituents (boron, calcium, chloride, fluoride, pH, sulfate, and TDS) (Figures D & E respectively). As previously discussed, no statistical analyses were required for well/constituent pairs containing 100% non-detects.

As discussed earlier, the most recent reporting limit is substituted on a well-by-well basis for computing intrawell prediction limits. Therefore, individual wells can have different substitutions for a given parameter depending on what the laboratory has reported for each well. Note that the intrawell prediction limit changed compared to those established during the background update for fluoride at most wells and zinc at upgradient well GWA-16 and downgradient wells GWC-13 and GWC-2 as a result of the most recent reporting limit replacing historic non-detects. No significant changes to statistical limits occurred as a result.

In the event of an initial exceedance of compliance well data, the 1-of-2 resample plan allows for collection of one additional sample to determine whether the initial exceedance is confirmed. When resamples confirm the initial exceedance, an SSI is identified, and further research would be required to identify the cause of the exceedance (i.e., impact from the site, natural variation, or an off-site source). If a resample falls within the statistical limit, the initial exceedance is considered to be a false positive result, and no further action is necessary. The following statistical exceedances were noted for the intrawell prediction limits:

Appendix I

- Barium: GWC-10, GWC-14, GWC-19, GWC-20, and GWC-4
- Nickel: GWC-10 and GWC-14
- Zinc: GWC-14

Appendix III

- Calcium: GWA-16 (upgradient), GWC-19, GWC-20, GWC-4, GWC-6, GWC-7, and GWC-8A
- Chloride: GWC-11, GWC-12, GWC-14, GWC-18, GWC-19, GWC-20, GWC-4, GWC-7, and GWC-9
- pH (upper limit): GWA-17 (upgradient), GWC-20, GWC-5, and GWC-7
- Sulfate: GWC-10, GWC-18, GWC-2, GWC-3, GWC-4, GWC-6, and GWC-7
- TDS: GWC-4

Two-Step Approach

Following the two-step analysis procedure discussed above, interwell prediction limits were then constructed using pooled upgradient well data through March 2024 to evaluate the Appendix I and III apparent intrawell prediction limit exceedances (Figures F and G, respectively). The following statistical exceedances were noted for the interwell prediction limits:

Appendix I

- Barium: GWC-4
- Nickel: GWC-10 and GWC-14
- Zinc: GWC-14

Appendix III

- Calcium: GWC-19, GWC-20, GWC-4, GWC-6, GWC-7, and GWC-8A
- Chloride: GWC-4
- pH (upper limit): GWC-20 and GWC-7
- Sulfate: GWC-10, GWC-3, GWC-4, and GWC-6
- TDS: GWC-4

Interwell Prediction Limits

Interwell prediction limits, combined with a 1-of-2 resample plan, were then constructed using all pooled upgradient well data through March 2024 to develop background limits for arsenic and silver (Figure H). No statistical exceedances were noted for the interwell

prediction limits. Summary tables of the intrawell and interwell prediction limits follow this letter along with the complete graphical results. The interwell limits are updated during each analysis after screening for new outliers on the current upgradient well data, while the intrawell prediction limits are updated when a minimum of four new compliance observations are available.

Trend Tests

When prediction limit exceedances occur in any of the downgradient wells, data are further evaluated using the Sen's Slope/Mann Kendall trend test at the 99% confidence level to determine whether concentrations are significantly increasing, decreasing, or stable (Figure I). Upgradient wells are included in the trend analyses to identify whether similar patterns exist upgradient of the site which is an indication of variability in groundwater unrelated to practices at the site.

A summary of the trend tests follows this letter along with complete graphical results of the trend analysis. Statistically significant trends were noted for the following well/constituent pairs:

Increasing:

- Barium: GWC-10, GWC-19, and GWC-4
- Calcium: GWA-17 (upgradient), GWC-19, GWC-4, GWC-7, and GWC-8A
- Chloride: GWA-15 (upgradient), GWC-14, GWC-18, GWC-19, GWC-4, and GWC-7
- pH: GWA-17 (upgradient) and GWC-5
- Sulfate: GWA-15 (upgradient), GWC-10, and GWC-4
- TDS: GWC-4

Decreasing:

- Barium: GWA-17 (upgradient)
- Chloride: GWA-17 (upgradient)
- pH: GWA-15 (upgradient)

Resample Reports – May 2024

Resamples were collected in May 2024 based on the results of the two-step approach for the following well/constituent pairs:

- Calcium: GWC-6 and GWC-7
- Chloride: GWC-4

- Nickel: GWC-10 and GWC-14
- pH: GWC-20 and GWC-7
- Sulfate: GWC-10, GWC-3, and GWC-6
- Zinc: GWC-14

Additional resamples for pH at downgradient wells GWC-10, GWC-14, GWC-3, GWC-4, and GWC-6 were also collected. Intrawell prediction limits were constructed using background data through December 2022 to compare the May 2024 resamples (Figures J and K). Exceedances were identified for the following well/constituent pairs:

Appendix I

- None

Appendix III

- Calcium: GWC-7
- Chloride: GWC-4
- Sulfate: GWC-10 and GWC-6

In accordance with the two-step approach, interwell prediction limits were constructed to evaluate the apparent exceedances (Figure L). Exceedances were identified for the following well/constituent pairs:

- Calcium: GWC-7
- Chloride: GWC-4
- Sulfate: GWC-10 and GWC-6

Summary

Based on the results of the two-step approach and resamples, apparent intrawell prediction limit exceedances also exceeded the interwell prediction limits for the following well/constituent pairs:

Appendix I

- Barium: GWC-4

Appendix III

- Calcium: GWC-19, GWC-20, GWC-4, GWC-7, and GWC-8A
- Chloride: GWC-4
- Sulfate: GWC-10, GWC-4, and GWC-6
- TDS: GWC-4

Thank you for the opportunity to assist you in the statistical analysis of groundwater quality for Plant Scherer Cell 1 Landfill. If you have any questions or comments, please feel free to contact us.

For Groundwater Stats Consulting,



Andrew T. Collins
Project Manager



Kristina L. Rayner
Senior Statistician

Date Ranges

Date: 4/1/2024 11:58 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Barium, Total (mg/L)

GWC-10 background:5/10/2010-10/2/2018

GWC-13 background:5/9/2010-10/3/2018

GWC-19 background:5/11/2010-10/2/2018

GWC-4 background:5/11/2010-9/10/2020

Boron (mg/L)

GWC-5 background:3/27/2019-8/25/2022

Calcium (mg/L)

GWC-19 background:4/11/2016-9/9/2020

GWC-4 background:4/12/2016-8/25/2022

GWC-5 background:3/22/2018-8/25/2022

GWC-8A background:4/19/2016-10/4/2018

Chloride (mg/L)

GWC-5 background:10/3/2018-8/25/2022

Lead, Total (mg/L)

GWA-15 background:4/6/2016-12/28/2022

GWA-16 background:4/6/2016-12/28/2022

GWA-17 background:4/6/2016-12/28/2022

GWC-1 background:4/6/2016-12/28/2022

GWC-10 background:4/6/2016-12/28/2022

GWC-11 background:4/6/2016-12/28/2022

GWC-12 background:4/6/2016-12/28/2022

GWC-13 background:4/6/2016-12/28/2022

GWC-14 background:4/6/2016-12/28/2022

GWC-18 background:4/6/2016-12/28/2022

GWC-19 background:4/6/2016-12/28/2022

GWC-2 background:4/6/2016-12/28/2022

GWC-20 background:4/6/2016-12/28/2022

GWC-3 background:4/6/2016-12/28/2022

GWC-4 background:4/6/2016-12/28/2022

GWC-5 background:4/6/2016-12/28/2022

GWC-6 background:4/6/2016-12/28/2022

GWC-7 background:4/6/2016-12/28/2022

GWC-8A background:4/6/2016-12/28/2022

GWC-9 background:4/6/2016-12/28/2022

Selenium, Total (mg/L)

GWC-5 background:3/27/2019-8/25/2022

Sulfate (mg/L)

GWC-10 background:4/13/2016-10/2/2018

GWC-4 background:4/12/2016-9/10/2020

GWC-5 background:10/3/2018-8/25/2022

Total Dissolved Solids (mg/L)

GWC-5 background:3/22/2018-8/25/2022

100% Non-Detects: Appendix III Intrawell

Analysis Run 3/29/2024 11:56 AM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Boron (mg/L)

GWA-16, GWC-11, GWC-14, GWC-18, GWC-19, GWC-4

100% Non-Detects: Appendix I Intrawell

Analysis Run 3/29/2024 11:30 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Antimony, Total (mg/L)

GWA-15, GWA-17, GWC-1, GWC-10, GWC-11, GWC-13, GWC-14, GWC-20, GWC-5, GWC-6, GWC-8A, GWC-9

Beryllium, Total (mg/L)

GWA-15, GWA-16, GWC-1, GWC-10, GWC-11, GWC-12, GWC-13, GWC-14, GWC-18, GWC-19, GWC-2, GWC-20, GWC-3, GWC-4, GWC-6, GWC-9

Cadmium, Total (mg/L)

GWA-15, GWA-16, GWC-1, GWC-10, GWC-12, GWC-13, GWC-14, GWC-18, GWC-19, GWC-20, GWC-3, GWC-4, GWC-5, GWC-6, GWC-7, GWC-9

Cobalt, Total (mg/L)

GWC-10, GWC-13, GWC-14

Copper (mg/L)

GWA-15, GWC-10, GWC-12, GWC-19, GWC-5

Lead, Total (mg/L)

GWA-15, GWC-12

Mercury (mg/L)

GWC-12

Selenium, Total (mg/L)

GWC-13, GWC-20

Thallium, Total (mg/L)

GWC-10, GWC-11, GWC-12, GWC-13, GWC-14, GWC-18, GWC-20, GWC-3

Appendix I Intrawell Prediction Limits - Significant Results

Plant Scherer Data: Scherer Cell 1-CCR Printed 3/29/2024, 11:44 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBg	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium, Total (mg/L)	GWC-10	0.03499	n/a	3/1/2024	0.036	Yes	25	0.02434	0.004121	8	None	No	0.0001937	Param Intra	1 of 2
Barium, Total (mg/L)	GWC-14	0.01173	n/a	3/1/2024	0.012	Yes	31	8.9e-7	2.9e-7	3.226	None	x^3	0.0001937	Param Intra	1 of 2
Barium, Total (mg/L)	GWC-19	0.01999	n/a	2/29/2024	0.033	Yes	25	9.0e-8	2.7e-8	4	None	x^4	0.0001937	Param Intra	1 of 2
Barium, Total (mg/L)	GWC-20	0.03594	n/a	3/1/2024	0.036	Yes	33	0.00002786	0.0000074793.03	None	x^3	0.0001937	Param Intra	1 of 2	
Barium, Total (mg/L)	GWC-4	0.05318	n/a	2/29/2024	0.1	Yes	29	0.0383	0.005897	0	None	No	0.0001937	Param Intra	1 of 2
Nickel (mg/L)	GWC-10	0.003	n/a	3/1/2024	0.0048	Yes	29	n/a	n/a	65.52	n/a	n/a	0.002172	NP Intra (NDs)	1 of 2
Nickel (mg/L)	GWC-14	0.001	n/a	3/1/2024	0.0081	Yes	28	n/a	n/a	100	n/a	n/a	0.002337	NP Intra (NDs)	1 of 2
Zinc (mg/L)	GWC-14	0.005	n/a	3/1/2024	0.024	Yes	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs)	1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Data: Scherer Cell 1-CCR Printed 3/29/2024, 11:44 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBg	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony, Total (mg/L)	GWA-16	0.002	n/a	2/28/2024	0.002ND	No	33	n/a	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-12	0.002	n/a	2/29/2024	0.002ND	No	33	n/a	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-18	0.002	n/a	2/29/2024	0.002ND	No	33	n/a	n/a	n/a	93.94	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-19	0.002	n/a	2/29/2024	0.002ND	No	33	n/a	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-2	0.002	n/a	3/1/2024	0.002ND	No	33	n/a	n/a	n/a	93.94	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-3	0.002	n/a	3/4/2024	0.0013J	No	33	n/a	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-4	0.002	n/a	2/29/2024	0.002ND	No	33	n/a	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-7	0.002	n/a	2/29/2024	0.002ND	No	33	n/a	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Barium, Total (mg/L)	GWA-15	0.012	n/a	3/4/2024	0.01	No	33	n/a	n/a	n/a	3.03	n/a	n/a	0.001701	NP Intra (normality) 1 of 2
Barium, Total (mg/L)	GWA-16	0.039	n/a	2/28/2024	0.03	No	33	n/a	n/a	n/a	0	n/a	n/a	0.001701	NP Intra (normality) 1 of 2
Barium, Total (mg/L)	GWA-17	0.05001	n/a	2/28/2024	0.032	No	33	0.03273	0.006966	3.03	None	No	0.0001937	Param Intra 1 of 2	
Barium, Total (mg/L)	GWC-1	0.05708	n/a	3/1/2024	0.048	No	33	0.04671	0.004181	0	None	No	0.0001937	Param Intra 1 of 2	
Barium, Total (mg/L)	GWC-10	0.03499	n/a	3/1/2024	0.036	Yes	25	0.02434	0.004121	8	None	No	0.0001937	Param Intra 1 of 2	
Barium, Total (mg/L)	GWC-11	0.02016	n/a	2/29/2024	0.02	No	33	0.000044420	0.0000151	6.061	None	x^3	0.0001937	Param Intra 1 of 2	
Barium, Total (mg/L)	GWC-12	0.02051	n/a	2/29/2024	0.019	No	33	0.0002503	0.00006867	6.061	None	x^2	0.0001937	Param Intra 1 of 2	
Barium, Total (mg/L)	GWC-13	0.04187	n/a	3/1/2024	0.039	No	25	0.3096	0.01457	0	None	x^(1/3)	0.0001937	Param Intra 1 of 2	
Barium, Total (mg/L)	GWC-14	0.01173	n/a	3/1/2024	0.012	Yes	31	8.9e-7	2.9e-7	3.226	None	x^3	0.0001937	Param Intra 1 of 2	
Barium, Total (mg/L)	GWC-18	0.04153	n/a	2/29/2024	0.037	No	33	0.00004329	0.00001142	3.03	None	x^3	0.0001937	Param Intra 1 of 2	
Barium, Total (mg/L)	GWC-19	0.01999	n/a	2/29/2024	0.033	Yes	25	9.0e-8	2.7e-8	4	None	x^4	0.0001937	Param Intra 1 of 2	
Barium, Total (mg/L)	GWC-2	0.05378	n/a	3/1/2024	0.046	No	33	0.002076	0.000329	0	None	x^2	0.0001937	Param Intra 1 of 2	
Barium, Total (mg/L)	GWC-20	0.03594	n/a	3/1/2024	0.036	Yes	33	0.00002786	0.000074793.03	None	x^3	0.0001937	Param Intra 1 of 2		
Barium, Total (mg/L)	GWC-3	0.039	n/a	3/4/2024	0.019	No	32	n/a	n/a	3.125	n/a	n/a	0.001803	NP Intra (normality) 1 of 2	
Barium, Total (mg/L)	GWC-4	0.05318	n/a	2/29/2024	0.1	Yes	29	0.0383	0.005897	0	None	No	0.0001937	Param Intra 1 of 2	
Barium, Total (mg/L)	GWC-5	0.1185	n/a	2/29/2024	0.042	No	33	0.196	0.05974	0	None	sqrt(x)	0.0001937	Param Intra 1 of 2	
Barium, Total (mg/L)	GWC-6	0.06532	n/a	2/29/2024	0.06	No	33	0.05402	0.004555	0	None	No	0.0001937	Param Intra 1 of 2	
Barium, Total (mg/L)	GWC-7	0.04234	n/a	2/29/2024	0.041	No	33	0.03266	0.003902	0	None	No	0.0001937	Param Intra 1 of 2	
Barium, Total (mg/L)	GWC-8A	0.1124	n/a	2/29/2024	0.042	No	33	0.2018	0.05378	0	None	sqrt(x)	0.0001937	Param Intra 1 of 2	
Barium, Total (mg/L)	GWC-9	0.03779	n/a	3/1/2024	0.026	No	33	0.02311	0.005916	3.03	None	No	0.0001937	Param Intra 1 of 2	
Beryllium, Total (mg/L)	GWA-17	0.0025	n/a	2/28/2024	0.0025ND	No	33	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2	
Beryllium, Total (mg/L)	GWC-5	0.0025	n/a	2/29/2024	0.0025ND	No	33	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2	
Beryllium, Total (mg/L)	GWC-7	0.0025	n/a	2/29/2024	0.0025ND	No	33	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2	
Beryllium, Total (mg/L)	GWC-8A	0.0025	n/a	2/29/2024	0.0025ND	No	33	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2	
Cadmium, Total (mg/L)	GWA-17	0.0025	n/a	2/28/2024	0.0025ND	No	33	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2	
Cadmium, Total (mg/L)	GWC-11	0.0025	n/a	2/29/2024	0.0025ND	No	33	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2	
Cadmium, Total (mg/L)	GWC-2	0.0025	n/a	3/1/2024	0.0025ND	No	33	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2	
Cadmium, Total (mg/L)	GWC-8A	0.0025	n/a	2/29/2024	0.0025ND	No	33	n/a	n/a	75.76	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2	
Chromium, Total (mg/L)	GWA-15	0.0036	n/a	3/4/2024	0.002ND	No	33	n/a	n/a	93.94	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2	
Chromium, Total (mg/L)	GWA-16	0.007375	n/a	2/28/2024	0.0071	No	33	0.004866	0.001012	3.03	None	No	0.0001937	Param Intra 1 of 2	
Chromium, Total (mg/L)	GWA-17	0.01137	n/a	2/28/2024	0.0096	No	33	0.007027	0.001753	3.03	None	No	0.0001937	Param Intra 1 of 2	
Chromium, Total (mg/L)	GWC-1	0.01777	n/a	3/1/2024	0.014	No	33	0.0001527	0.00006579	0	None	x^2	0.0001937	Param Intra 1 of 2	
Chromium, Total (mg/L)	GWC-10	0.0244	n/a	3/1/2024	0.019	No	33	0.01519	0.003713	0	None	No	0.0001937	Param Intra 1 of 2	
Chromium, Total (mg/L)	GWC-11	0.012	n/a	2/29/2024	0.0086	No	33	n/a	n/a	3.03	n/a	n/a	0.001701	NP Intra (normality) 1 of 2	
Chromium, Total (mg/L)	GWC-12	0.0036	n/a	2/29/2024	0.0021	No	33	n/a	n/a	45.45	n/a	n/a	0.001701	NP Intra (normality) 1 of 2	
Chromium, Total (mg/L)	GWC-13	0.008387	n/a	3/1/2024	0.0059	No	32	0.004866	0.001414	0	None	No	0.0001937	Param Intra 1 of 2	
Chromium, Total (mg/L)	GWC-14	0.0038	n/a	3/1/2024	0.0022	No	33	n/a	n/a	90.91	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2	
Chromium, Total (mg/L)	GWC-18	0.02	n/a	2/29/2024	0.013	No	33	n/a	n/a	0	n/a	n/a	0.001701	NP Intra (normality) 1 of 2	
Chromium, Total (mg/L)	GWC-19	0.01614	n/a	2/29/2024	0.015	No	33	0.009335	0.002745	3.03	None	No	0.0001937	Param Intra 1 of 2	
Chromium, Total (mg/L)	GWC-2	0.01366	n/a	3/1/2024	0.011	No	33	0.00009621	0.0000364	6.061	None	x^2	0.0001937	Param Intra 1 of 2	
Chromium, Total (mg/L)	GWC-20	0.01432	n/a	3/1/2024	0.0088	No	33	0.008735	0.002253	6.061	None	No	0.0001937	Param Intra 1 of 2	
Chromium, Total (mg/L)	GWC-3	0.01925	n/a	3/4/2024	0.014	No	32	-4.706	0.3037	3.125	None	ln(x)	0.0001937	Param Intra 1 of 2	
Chromium, Total (mg/L)	GWC-4	0.01022	n/a	2/29/2024	0.0038	No	33	0.005836	0.001766	3.03	None	No	0.0001937	Param Intra 1 of 2	
Chromium, Total (mg/L)	GWC-5	0.01014	n/a	2/29/2024	0.0074	No	33	0.06609	0.01395	3.03	None	sqrt(x)	0.0001937	Param Intra 1 of 2	
Chromium, Total (mg/L)	GWC-6	0.009649	n/a	2/29/2024	0.0051	No	33	-5.302	0.2667	6.061	None	ln(x)	0.0001937	Param Intra 1 of 2	
Chromium, Total (mg/L)	GWC-7	0.018	n/a	2/29/2024	0.012	No	33	n/a	n/a	0	n/a	n/a	0.001701	NP Intra (normality) 1 of 2	
Chromium, Total (mg/L)	GWC-8A	0.023	n/a	2/29/2024	0.002ND	No	32	n/a	n/a	46.88	n/a	n/a	0.001803	NP Intra (normality) 1 of 2	

Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Data: Scherer Cell 1-CCR Printed 3/29/2024, 11:44 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Obsrv.	Sig.	Bg	NB	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Chromium, Total (mg/L)	GWC-9	0.01304	n/a	3/1/2024	0.0092	No	33	0.007481	0.002241	3.03	None		No	0.0001937	Param Intra 1 of 2
Cobalt, Total (mg/L)	GWA-15	0.0029	n/a	3/4/2024	0.0026	No	32	n/a	n/a	46.88	n/a		n/a	0.001803	NP Intra (normality) 1 of 2
Cobalt, Total (mg/L)	GWA-16	0.0025	n/a	2/28/2024	0.0025ND	No	32	n/a	n/a	87.5	n/a		n/a	0.001803	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-17	0.0025	n/a	2/28/2024	0.0025ND	No	33	n/a	n/a	90.91	n/a		n/a	0.001701	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-1	0.0025	n/a	3/1/2024	0.0025ND	No	33	n/a	n/a	93.94	n/a		n/a	0.001701	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-11	0.0025	n/a	2/29/2024	0.0025ND	No	33	n/a	n/a	96.97	n/a		n/a	0.001701	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-12	0.0025	n/a	2/29/2024	0.00027J	No	33	n/a	n/a	63.64	n/a		n/a	0.001701	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-18	0.0025	n/a	2/29/2024	0.0025ND	No	32	n/a	n/a	87.5	n/a		n/a	0.001803	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-19	0.0025	n/a	2/29/2024	0.0025ND	No	33	n/a	n/a	93.94	n/a		n/a	0.001701	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-2	0.0025	n/a	3/1/2024	0.0025ND	No	33	n/a	n/a	93.94	n/a		n/a	0.001701	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-20	0.0025	n/a	3/1/2024	0.0025ND	No	33	n/a	n/a	84.85	n/a		n/a	0.001701	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-3	0.0025	n/a	3/4/2024	0.0025ND	No	31	n/a	n/a	70.97	n/a		n/a	0.001905	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-4	0.0025	n/a	2/29/2024	0.0025ND	No	33	n/a	n/a	81.82	n/a		n/a	0.001701	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-5	0.0025	n/a	2/29/2024	0.0025ND	No	33	n/a	n/a	96.97	n/a		n/a	0.001701	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-6	0.0025	n/a	2/29/2024	0.0025ND	No	33	n/a	n/a	90.91	n/a		n/a	0.001701	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-7	0.0025	n/a	2/29/2024	0.0025ND	No	33	n/a	n/a	84.85	n/a		n/a	0.001701	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-8A	0.0046	n/a	2/29/2024	0.0031	No	30	n/a	n/a	43.33	n/a		n/a	0.002008	NP Intra (normality) 1 of 2
Cobalt, Total (mg/L)	GWC-9	0.0025	n/a	3/1/2024	0.0025ND	No	33	n/a	n/a	84.85	n/a		n/a	0.001701	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-16	0.002	n/a	2/28/2024	0.002ND	No	28	n/a	n/a	92.86	n/a		n/a	0.002337	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-17	0.002	n/a	2/28/2024	0.002ND	No	28	n/a	n/a	96.43	n/a		n/a	0.002337	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-1	0.002	n/a	3/1/2024	0.002ND	No	28	n/a	n/a	92.86	n/a		n/a	0.002337	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-11	0.0021	n/a	2/29/2024	0.002ND	No	28	n/a	n/a	92.86	n/a		n/a	0.002337	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-13	0.0024	n/a	3/1/2024	0.002ND	No	28	n/a	n/a	96.43	n/a		n/a	0.002337	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-14	0.0021	n/a	3/1/2024	0.002ND	No	28	n/a	n/a	96.43	n/a		n/a	0.002337	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-18	0.0025	n/a	2/29/2024	0.002ND	No	28	n/a	n/a	85.71	n/a		n/a	0.002337	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-2	0.002	n/a	3/1/2024	0.002ND	No	28	n/a	n/a	89.29	n/a		n/a	0.002337	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-20	0.0021	n/a	3/1/2024	0.002ND	No	27	n/a	n/a	96.3	n/a		n/a	0.002502	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-3	0.0042	n/a	3/4/2024	0.002ND	No	27	n/a	n/a	66.67	n/a		n/a	0.002502	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-4	0.0039	n/a	2/29/2024	0.002ND	No	28	n/a	n/a	50	n/a		n/a	0.002337	NP Intra (normality) 1 of 2
Copper (mg/L)	GWC-6	0.0037	n/a	2/29/2024	0.002ND	No	28	n/a	n/a	85.71	n/a		n/a	0.002337	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-7	0.0026	n/a	2/29/2024	0.002ND	No	27	n/a	n/a	74.07	n/a		n/a	0.002502	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-8A	0.1	n/a	2/29/2024	0.002ND	No	27	n/a	n/a	44.44	n/a		n/a	0.002502	NP Intra (normality) 1 of 2
Copper (mg/L)	GWC-9	0.0038	n/a	3/1/2024	0.002ND	No	28	n/a	n/a	89.29	n/a		n/a	0.002337	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-16	0.001	n/a	2/28/2024	0.001ND	No	19	n/a	n/a	94.74	n/a		n/a	0.004832	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-17	0.001	n/a	2/28/2024	0.001ND	No	19	n/a	n/a	94.74	n/a		n/a	0.004832	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-1	0.001	n/a	3/1/2024	0.00028J	No	19	n/a	n/a	89.47	n/a		n/a	0.004832	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-10	0.001	n/a	3/1/2024	0.001ND	No	19	n/a	n/a	100	n/a		n/a	0.004832	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-11	0.0017	n/a	2/29/2024	0.0012	No	19	n/a	n/a	89.47	n/a		n/a	0.004832	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-13	0.001	n/a	3/1/2024	0.001ND	No	19	n/a	n/a	94.74	n/a		n/a	0.004832	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-14	0.001	n/a	3/1/2024	0.001ND	No	19	n/a	n/a	100	n/a		n/a	0.004832	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-18	0.001	n/a	2/29/2024	0.001ND	No	19	n/a	n/a	100	n/a		n/a	0.004832	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-19	0.0015	n/a	2/29/2024	0.001ND	No	19	n/a	n/a	84.21	n/a		n/a	0.004832	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-2	0.001	n/a	3/1/2024	0.001ND	No	19	n/a	n/a	94.74	n/a		n/a	0.004832	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-20	0.001	n/a	3/1/2024	0.001ND	No	19	n/a	n/a	100	n/a		n/a	0.004832	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-3	0.001	n/a	3/4/2024	0.001ND	No	19	n/a	n/a	89.47	n/a		n/a	0.004832	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-4	0.001	n/a	2/29/2024	0.001ND	No	19	n/a	n/a	94.74	n/a		n/a	0.004832	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-5	0.001	n/a	2/29/2024	0.001ND	No	19	n/a	n/a	100	n/a		n/a	0.004832	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-6	0.001	n/a	2/29/2024	0.001ND	No	19	n/a	n/a	100	n/a		n/a	0.004832	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-7	0.001	n/a	2/29/2024	0.001ND	No	19	n/a	n/a	89.47	n/a		n/a	0.004832	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-8A	0.0012	n/a	2/29/2024	0.00021J	No	19	n/a	n/a	84.21	n/a		n/a	0.004832	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-9	0.001	n/a	3/1/2024	0.001ND	No	19	n/a	n/a	100	n/a		n/a	0.004832	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-15	0.0002	n/a	3/4/2024	0.0002ND	No	33	n/a	n/a	93.94	n/a		n/a	0.001701	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-16	0.0002	n/a	2/28/2024	0.0002ND	No	33	n/a	n/a	90.91	n/a		n/a	0.001701	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-17	0.0002	n/a	2/28/2024	0.0002ND	No	33	n/a	n/a	90.91	n/a		n/a	0.001701	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-1	0.0002	n/a	3/1/2024	0.0002ND	No	33	n/a	n/a	93.94	n/a		n/a	0.001701	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Data: Scherer Cell 1-CCR Printed 3/29/2024, 11:44 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NB	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Mercury (mg/L)	GWC-10	0.0002	n/a	3/1/2024	0.0002ND	No	33	n/a	n/a	n/a	90.91	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-11	0.0002	n/a	2/29/2024	0.0002ND	No	33	n/a	n/a	n/a	93.94	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-13	0.0002	n/a	3/1/2024	0.0002ND	No	33	n/a	n/a	n/a	93.94	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-14	0.0002	n/a	3/1/2024	0.0002ND	No	33	n/a	n/a	n/a	93.94	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-18	0.0002	n/a	2/29/2024	0.0002ND	No	33	n/a	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-19	0.0002	n/a	2/29/2024	0.0002ND	No	33	n/a	n/a	n/a	93.94	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-2	0.0002	n/a	3/1/2024	0.0002ND	No	33	n/a	n/a	n/a	93.94	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-20	0.0002	n/a	3/1/2024	0.0002ND	No	33	n/a	n/a	n/a	87.88	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-3	0.0002	n/a	3/4/2024	0.0002ND	No	33	n/a	n/a	n/a	90.91	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-4	0.0002	n/a	2/29/2024	0.0002ND	No	33	n/a	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-5	0.0002	n/a	2/29/2024	0.0002ND	No	33	n/a	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-6	0.0002	n/a	2/29/2024	0.0002ND	No	33	n/a	n/a	n/a	90.91	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-7	0.0002	n/a	2/29/2024	0.0002ND	No	33	n/a	n/a	n/a	90.91	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-8A	0.0002	n/a	2/29/2024	0.0002ND	No	33	n/a	n/a	n/a	84.85	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-9	0.0002	n/a	3/1/2024	0.0002ND	No	33	n/a	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-15	0.00202	n/a	3/4/2024	0.001ND	No	28	n/a	n/a	n/a	71.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-16	0.001	n/a	2/28/2024	0.001ND	No	27	n/a	n/a	n/a	96.3	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-17	0.0012	n/a	2/28/2024	0.001ND	No	28	n/a	n/a	n/a	85.71	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-1	0.0018	n/a	3/1/2024	0.00096J	No	27	n/a	n/a	n/a	74.07	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-10	0.003	n/a	3/1/2024	0.0048	Yes	29	n/a	n/a	n/a	65.52	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-11	0.0018	n/a	2/29/2024	0.00099J	No	28	n/a	n/a	n/a	75	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-12	0.0018	n/a	2/29/2024	0.00092J	No	28	n/a	n/a	n/a	75	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-13	0.001	n/a	3/1/2024	0.00059J	No	28	n/a	n/a	n/a	85.71	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-14	0.001	n/a	3/1/2024	0.0081	Yes	28	n/a	n/a	n/a	100	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-18	0.001	n/a	2/29/2024	0.001ND	No	27	n/a	n/a	n/a	88.89	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-19	0.0017	n/a	2/29/2024	0.00067J	No	27	n/a	n/a	n/a	81.48	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-2	0.0028	n/a	3/1/2024	0.0018	No	27	n/a	n/a	n/a	62.96	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-20	0.003	n/a	3/1/2024	0.00059J	No	27	n/a	n/a	n/a	66.67	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-3	0.0035	n/a	3/4/2024	0.0014	No	25	n/a	n/a	n/a	60	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-4	0.0036	n/a	2/29/2024	0.0015	No	28	n/a	n/a	n/a	67.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-5	0.00268	n/a	2/29/2024	0.00049J	No	27	n/a	n/a	n/a	62.96	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-6	0.0053	n/a	2/29/2024	0.00098J	No	28	n/a	n/a	n/a	60.71	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-7	0.0044	n/a	2/29/2024	0.001ND	No	28	n/a	n/a	n/a	82.14	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-8A	0.0069	n/a	2/29/2024	0.0055	No	26	n/a	n/a	n/a	42.31	n/a	n/a	0.002667	NP Intra (normality) 1 of 2
Nickel (mg/L)	GWC-9	0.0042	n/a	3/1/2024	0.00086J	No	29	n/a	n/a	n/a	79.31	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-15	0.005	n/a	3/4/2024	0.005ND	No	33	n/a	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-16	0.005	n/a	2/28/2024	0.005ND	No	33	n/a	n/a	n/a	90.91	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-17	0.005	n/a	2/28/2024	0.005ND	No	33	n/a	n/a	n/a	93.94	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-1	0.0053	n/a	3/1/2024	0.005ND	No	33	n/a	n/a	n/a	93.94	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-10	0.005	n/a	3/1/2024	0.005ND	No	33	n/a	n/a	n/a	93.94	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-11	0.005	n/a	2/29/2024	0.005ND	No	32	n/a	n/a	n/a	90.63	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-12	0.005	n/a	2/29/2024	0.005ND	No	33	n/a	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-14	0.0052	n/a	3/1/2024	0.005ND	No	33	n/a	n/a	n/a	93.94	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-18	0.005	n/a	2/29/2024	0.005ND	No	33	n/a	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-19	0.005	n/a	2/29/2024	0.005ND	No	33	n/a	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-2	0.005	n/a	3/1/2024	0.005ND	No	33	n/a	n/a	n/a	90.91	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-3	0.005	n/a	3/4/2024	0.005ND	No	33	n/a	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-4	0.005	n/a	2/29/2024	0.0042J	No	33	n/a	n/a	n/a	93.94	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-5	0.04332	n/a	2/29/2024	0.0018J	No	8	0.09356	0.02845	0	None	sqrt(x)	0.0001937	Param Intra 1 of 2	
Selenium, Total (mg/L)	GWC-6	0.007	n/a	2/29/2024	0.005ND	No	33	n/a	n/a	n/a	78.79	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-7	0.0053	n/a	2/29/2024	0.005ND	No	33	n/a	n/a	n/a	93.94	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-8A	0.005	n/a	2/29/2024	0.005ND	No	33	n/a	n/a	n/a	87.88	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-9	0.0065	n/a	3/1/2024	0.005ND	No	33	n/a	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-15	0.001	n/a	3/4/2024	0.001ND	No	33	n/a	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-16	0.001	n/a	2/28/2024	0.001ND	No	33	n/a	n/a	n/a	93.94	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Data: Scherer Cell 1-CCR Printed 3/29/2024, 11:44 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBg	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Thallium, Total (mg/L)	GWA-17	0.001	n/a	2/28/2024	0.001ND	No	33	n/a	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-1	0.001	n/a	3/1/2024	0.001ND	No	33	n/a	n/a	n/a	93.94	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-19	0.001	n/a	2/29/2024	0.001ND	No	33	n/a	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-2	0.001	n/a	3/1/2024	0.001ND	No	33	n/a	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-4	0.001	n/a	2/29/2024	0.001ND	No	33	n/a	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-5	0.001	n/a	2/29/2024	0.001ND	No	33	n/a	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-6	0.001	n/a	2/29/2024	0.001ND	No	33	n/a	n/a	n/a	93.94	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-7	0.001	n/a	2/29/2024	0.001ND	No	33	n/a	n/a	n/a	87.88	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-8A	0.001	n/a	2/29/2024	0.001ND	No	33	n/a	n/a	n/a	93.94	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-9	0.001	n/a	3/1/2024	0.001ND	No	33	n/a	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-15	0.0035	n/a	3/4/2024	0.00066J	No	28	n/a	n/a	n/a	82.14	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-16	0.01177	n/a	2/28/2024	0.0087	No	28	0.007159	0.001817	3.571	None	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWA-17	0.008631	n/a	2/28/2024	0.0056	No	28	0.004626	0.001577	14.29	None	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-1	0.02536	n/a	3/1/2024	0.018	No	28	0.01566	0.003819	0	None	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-10	0.01749	n/a	3/1/2024	0.013	No	28	0.01201	0.002159	0	None	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-11	0.01499	n/a	2/29/2024	0.011	No	28	0.01029	0.00185	3.571	None	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-12	0.0052	n/a	2/29/2024	0.002ND	No	28	n/a	n/a	85.71	n/a	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-13	0.0062	n/a	3/1/2024	0.0011J	No	28	n/a	n/a	60.71	n/a	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-14	0.0062	n/a	3/1/2024	0.002ND	No	28	n/a	n/a	71.43	n/a	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-18	0.01099	n/a	2/29/2024	0.0069	No	28	0.08101	0.009376	3.571	None	sqrt(x)	0.0001937	Param Intra 1 of 2	
Vanadium (mg/L)	GWC-19	0.01039	n/a	2/29/2024	0.0078	No	28	0.007152	0.001274	0	None	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-2	0.01927	n/a	3/1/2024	0.015	No	28	0.0001928	0.00007035	3.571	None	x^2	0.0001937	Param Intra 1 of 2	
Vanadium (mg/L)	GWC-20	0.02297	n/a	3/1/2024	0.019	No	28	0.0003022	0.00008879	3.571	None	x^2	0.0001937	Param Intra 1 of 2	
Vanadium (mg/L)	GWC-3	0.01092	n/a	3/4/2024	0.0051	No	27	0.00652	0.001723	3.704	None	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-4	0.01187	n/a	2/29/2024	0.0049	No	28	0.007401	0.001762	3.571	None	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-5	0.006856	n/a	2/29/2024	0.0029	No	28	0.05297	0.01175	21.43	Kaplan-Meier	sqrt(x)	0.0001937	Param Intra 1 of 2	
Vanadium (mg/L)	GWC-6	0.01384	n/a	2/29/2024	0.0093	No	28	0.008906	0.001944	3.571	None	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-7	0.01674	n/a	2/29/2024	0.013	No	28	0.00000228	9.5e-7	3.571	None	x^3	0.0001937	Param Intra 1 of 2	
Vanadium (mg/L)	GWC-8A	0.05313	n/a	2/29/2024	0.002ND	No	25	0.09869	0.051	12	None	sqrt(x)	0.0001937	Param Intra 1 of 2	
Vanadium (mg/L)	GWC-9	0.02837	n/a	3/1/2024	0.016	No	28	0.01637	0.004727	3.571	None	None	No	0.0001937	Param Intra 1 of 2
Zinc (mg/L)	GWA-15	0.006	n/a	3/4/2024	0.005ND	No	28	n/a	n/a	96.43	n/a	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-16	0.005	n/a	2/28/2024	0.005ND	No	28	n/a	n/a	96.43	n/a	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-17	0.0084	n/a	2/28/2024	0.005ND	No	28	n/a	n/a	89.29	n/a	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-1	0.005	n/a	3/1/2024	0.004J	No	28	n/a	n/a	92.86	n/a	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-10	0.005	n/a	3/1/2024	0.005ND	No	28	n/a	n/a	96.43	n/a	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-11	0.018	n/a	2/29/2024	0.0036J	No	27	n/a	n/a	77.78	n/a	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-12	0.0065	n/a	2/29/2024	0.005ND	No	28	n/a	n/a	82.14	n/a	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-13	0.0085	n/a	3/1/2024	0.005ND	No	28	n/a	n/a	75	n/a	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-14	0.005	n/a	3/1/2024	0.024	Yes	28	n/a	n/a	96.43	n/a	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-18	0.0077	n/a	2/29/2024	0.0032J	No	28	n/a	n/a	96.43	n/a	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-19	0.0059	n/a	2/29/2024	0.005ND	No	27	n/a	n/a	96.3	n/a	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-2	0.01	n/a	3/1/2024	0.005ND	No	28	n/a	n/a	92.86	n/a	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-20	0.0065	n/a	3/1/2024	0.005ND	No	28	n/a	n/a	92.86	n/a	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-3	0.0069	n/a	3/4/2024	0.005ND	No	25	n/a	n/a	92	n/a	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-4	0.006	n/a	2/29/2024	0.005ND	No	28	n/a	n/a	92.86	n/a	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-5	0.0089	n/a	2/29/2024	0.005ND	No	27	n/a	n/a	70.37	n/a	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-6	0.0062	n/a	2/29/2024	0.005ND	No	28	n/a	n/a	96.43	n/a	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-7	0.0074	n/a	2/29/2024	0.005ND	No	28	n/a	n/a	92.86	n/a	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-8A	0.085	n/a	2/29/2024	0.005ND	No	25	n/a	n/a	48	n/a	n/a	n/a	0.002832	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-9	0.005	n/a	3/1/2024	0.005ND	No	28	n/a	n/a	96.43	n/a	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2

Appendix III Intrawell Prediction Limits - Significant Results

Plant Scherer Data: Scherer Cell 1-CCR Printed 3/29/2024, 12:02 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NB	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Calcium (mg/L)	GWA-16	14.22	n/a	2/28/2024	15	Yes	19	11.57	1.07	0	None	No	0.0004426	Param Intra	1 of 2
Calcium (mg/L)	GWC-19	15.99	n/a	2/29/2024	19	Yes	15	11.46	1.718	0	None	No	0.0004426	Param Intra	1 of 2
Calcium (mg/L)	GWC-20	15.76	n/a	3/1/2024	17	Yes	19	184.5	25.79	0	None	x^2	0.0004426	Param Intra	1 of 2
Calcium (mg/L)	GWC-4	17.6	n/a	2/29/2024	31	Yes	19	13	1.856	0	None	No	0.0004426	Param Intra	1 of 2
Calcium (mg/L)	GWC-6	19.5	n/a	2/29/2024	20	Yes	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality)	1 of 2
Calcium (mg/L)	GWC-7	16	n/a	2/29/2024	17	Yes	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality)	1 of 2
Calcium (mg/L)	GWC-8A	45.47	n/a	2/29/2024	49	Yes	10	25.9	6.402	0	None	No	0.0004426	Param Intra	1 of 2
Chloride (mg/L)	GWC-11	2.071	n/a	2/29/2024	2.2	Yes	19	1.778	0.1181	0	None	No	0.0004426	Param Intra	1 of 2
Chloride (mg/L)	GWC-12	2.153	n/a	2/29/2024	2.3	Yes	19	1.331	0.0551	0	None	sqrt(x)	0.0004426	Param Intra	1 of 2
Chloride (mg/L)	GWC-14	3.819	n/a	3/1/2024	4.7	Yes	19	3.022	0.3219	0	None	No	0.0004426	Param Intra	1 of 2
Chloride (mg/L)	GWC-18	3.018	n/a	2/29/2024	3.2	Yes	19	2.575	0.1785	0	None	No	0.0004426	Param Intra	1 of 2
Chloride (mg/L)	GWC-19	2.8	n/a	2/29/2024	3.1	Yes	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality)	1 of 2
Chloride (mg/L)	GWC-20	2.33	n/a	3/1/2024	2.5	Yes	19	15.49	5.649	5.263	None	x^4	0.0004426	Param Intra	1 of 2
Chloride (mg/L)	GWC-4	16.42	n/a	2/29/2024	21	Yes	19	8.083	3.363	0	None	No	0.0004426	Param Intra	1 of 2
Chloride (mg/L)	GWC-7	3	n/a	2/29/2024	4.8	Yes	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality)	1 of 2
Chloride (mg/L)	GWC-9	4.596	n/a	3/1/2024	5.2	Yes	19	3.639	0.3861	0	None	No	0.0004426	Param Intra	1 of 2
pH (S.U.)	GWA-17	6.376	5.66	2/28/2024	6.41	Yes	22	6.018	0.149	0	None	No	0.0002213	Param Intra	1 of 2
pH (S.U.)	GWC-20	6.713	6.333	3/1/2024	6.73	Yes	25	6.523	0.08092	0	None	No	0.0002213	Param Intra	1 of 2
pH (S.U.)	GWC-5	6.238	5.374	2/29/2024	6.25	Yes	23	5.806	0.1811	0	None	No	0.0002213	Param Intra	1 of 2
pH (S.U.)	GWC-7	6.42	5.96	2/29/2024	6.57	Yes	21	n/a	n/a	0	n/a	n/a	0.007998	NP Intra (normality)	1 of 2
Sulfate (mg/L)	GWC-10	1.2	n/a	3/1/2024	4.7	Yes	11	n/a	n/a	27.27	n/a	n/a	0.01276	NP Intra (normality)	1 of 2
Sulfate (mg/L)	GWC-18	1	n/a	2/29/2024	1.8	Yes	19	n/a	n/a	84.21	n/a	n/a	0.004832	NP Intra (NDs)	1 of 2
Sulfate (mg/L)	GWC-2	1.1	n/a	3/1/2024	1.2	Yes	19	n/a	n/a	57.89	n/a	n/a	0.004832	NP Intra (NDs)	1 of 2
Sulfate (mg/L)	GWC-3	1.1	n/a	3/4/2024	10	Yes	19	n/a	n/a	57.89	n/a	n/a	0.004832	NP Intra (NDs)	1 of 2
Sulfate (mg/L)	GWC-4	6.288	n/a	2/29/2024	84	Yes	15	2.937	1.27	0	None	No	0.0004426	Param Intra	1 of 2
Sulfate (mg/L)	GWC-6	17.05	n/a	2/29/2024	25	Yes	19	10.62	2.592	0	None	No	0.0004426	Param Intra	1 of 2
Sulfate (mg/L)	GWC-7	1	n/a	2/29/2024	1.5	Yes	19	n/a	n/a	78.95	n/a	n/a	0.004832	NP Intra (NDs)	1 of 2
Total Dissolved Solids (mg/L)	GWC-4	178.1	n/a	2/29/2024	260	Yes	19	123.4	22.1	0	None	No	0.0004426	Param Intra	1 of 2

Appendix III Intrawell Prediction Limits - All Results

Plant Scherer Data: Scherer Cell 1-CCR Printed 3/29/2024, 12:02 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBg	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	GWA-15	0.08	n/a	3/4/2024	0.08ND	No	19	n/a	n/a	n/a	100	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-17	0.08	n/a	2/28/2024	0.08ND	No	19	n/a	n/a	n/a	94.74	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-1	0.08	n/a	3/1/2024	0.08ND	No	19	n/a	n/a	n/a	94.74	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-10	0.11	n/a	3/1/2024	0.08ND	No	20	n/a	n/a	n/a	90	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-12	0.08	n/a	2/29/2024	0.024J	No	19	n/a	n/a	n/a	100	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-13	0.08	n/a	3/1/2024	0.08ND	No	19	n/a	n/a	n/a	94.74	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-2	0.08	n/a	3/1/2024	0.023J	No	19	n/a	n/a	n/a	100	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-20	0.12	n/a	3/1/2024	0.025J	No	20	n/a	n/a	n/a	95	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-3	0.08	n/a	3/4/2024	0.08ND	No	19	n/a	n/a	n/a	94.74	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-5	0.4324	n/a	2/29/2024	0.17	No	8	0.2425	0.05471	0	None	None	No	0.0004426	Param Intra 1 of 2
Boron (mg/L)	GWC-6	0.08	n/a	2/29/2024	0.08ND	No	19	n/a	n/a	n/a	89.47	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-7	0.08	n/a	2/29/2024	0.08ND	No	19	n/a	n/a	n/a	94.74	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-8A	0.3066	n/a	2/29/2024	0.15	No	18	0.1836	0.04898	0	None	None	No	0.0004426	Param Intra 1 of 2
Boron (mg/L)	GWC-9	0.1361	n/a	3/1/2024	0.085	No	19	0.08772	0.01951	0	None	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWA-15	5.375	n/a	3/4/2024	3.8	No	19	4.201	0.4735	0	None	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWA-16	14.22	n/a	2/28/2024	15	Yes	19	11.57	1.07	0	None	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWA-17	9.115	n/a	2/28/2024	9	No	19	6.878	0.9026	0	None	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-1	20.21	n/a	3/1/2024	18	No	19	17.15	1.234	0	None	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-10	21.73	n/a	3/1/2024	20	No	19	17.16	1.845	0	None	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-11	14.93	n/a	2/29/2024	14	No	19	12.76	0.8783	0	None	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-12	1.519	n/a	2/29/2024	1.4	No	19	1.042	0.07706	0	None	sqrt(x)	0.0004426	Param Intra 1 of 2	
Calcium (mg/L)	GWC-13	8.877	n/a	3/1/2024	7.6	No	19	1.874	0.0794	0	None	x^(1/3)	0.0004426	Param Intra 1 of 2	
Calcium (mg/L)	GWC-14	7.642	n/a	3/1/2024	7.6	No	19	6.478	0.4694	0	None	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-18	11.6	n/a	2/29/2024	11	No	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality) 1 of 2	
Calcium (mg/L)	GWC-19	15.99	n/a	2/29/2024	19	Yes	15	11.46	1.718	0	None	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-2	20.12	n/a	3/1/2024	18	No	19	17.25	1.158	0	None	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-20	15.76	n/a	3/1/2024	17	Yes	19	184.5	25.79	0	None	x^2	0.0004426	Param Intra 1 of 2	
Calcium (mg/L)	GWC-3	10.81	n/a	3/4/2024	8.9	No	19	7.627	1.286	0	None	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-4	17.6	n/a	2/29/2024	31	Yes	19	13	1.856	0	None	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-5	170	n/a	2/29/2024	30	No	10	7.514	1.807	0	None	sqrt(x)	0.0004426	Param Intra 1 of 2	
Calcium (mg/L)	GWC-6	19.5	n/a	2/29/2024	20	Yes	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality) 1 of 2	
Calcium (mg/L)	GWC-7	16	n/a	2/29/2024	17	Yes	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality) 1 of 2	
Calcium (mg/L)	GWC-8A	45.47	n/a	2/29/2024	49	Yes	10	25.9	6.402	0	None	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-9	21	n/a	3/1/2024	20	No	20	n/a	n/a	0	n/a	n/a	0.004291	NP Intra (normality) 1 of 2	
Chloride (mg/L)	GWA-15	7.2	n/a	3/4/2024	5.6	No	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality) 1 of 2	
Chloride (mg/L)	GWA-16	2.057	n/a	2/28/2024	1.6	No	19	1.286	0.05984	0	None	sqrt(x)	0.0004426	Param Intra 1 of 2	
Chloride (mg/L)	GWA-17	2.018	n/a	2/28/2024	1.4	No	19	1.536	0.1945	0	None	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-1	4.687	n/a	3/1/2024	4.2	No	19	3.864	0.3318	0	None	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-10	5	n/a	3/1/2024	5	No	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality) 1 of 2	
Chloride (mg/L)	GWC-11	2.071	n/a	2/29/2024	2.2	Yes	19	1.778	0.1181	0	None	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-12	2.153	n/a	2/29/2024	2.3	Yes	19	1.331	0.0551	0	None	sqrt(x)	0.0004426	Param Intra 1 of 2	
Chloride (mg/L)	GWC-13	1.945	n/a	3/1/2024	1.8	No	19	1.559	0.1557	0	None	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-14	3.819	n/a	3/1/2024	4.7	Yes	19	3.022	0.3219	0	None	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-18	3.018	n/a	2/29/2024	3.2	Yes	19	2.575	0.1785	0	None	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-19	2.8	n/a	2/29/2024	3.1	Yes	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality) 1 of 2	
Chloride (mg/L)	GWC-2	2.7	n/a	3/1/2024	2.5	No	19	2.165	0.2156	0	None	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-20	2.33	n/a	3/1/2024	2.5	Yes	19	15.49	5.649	5.263	None	x^4	0.0004426	Param Intra 1 of 2	
Chloride (mg/L)	GWC-3	3.909	n/a	3/4/2024	3	No	19	3.144	0.3088	0	None	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-4	16.42	n/a	2/29/2024	21	Yes	19	8.083	3.363	0	None	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-5	66.16	n/a	2/29/2024	8.2	No	9	23.74	12.99	0	None	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-6	8.555	n/a	2/29/2024	7	No	18	6.078	0.9867	0	None	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-7	3	n/a	2/29/2024	4.8	Yes	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality) 1 of 2	
Chloride (mg/L)	GWC-8A	10.75	n/a	2/29/2024	8.1	No	18	1.972	0.09371	0	None	x^(1/3)	0.0004426	Param Intra 1 of 2	
Chloride (mg/L)	GWC-9	4.596	n/a	3/1/2024	5.2	Yes	19	3.639	0.3861	0	None	None	No	0.0004426	Param Intra 1 of 2
Fluoride (mg/L)	GWA-15	0.1	n/a	3/4/2024	0.1ND	No	19	n/a	n/a	78.95	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2	

Appendix III Intrawell Prediction Limits - All Results

Plant Scherer Data: Scherer Cell 1-CCR Printed 3/29/2024, 12:02 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NB	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Fluoride (mg/L)	GWA-16	0.1	n/a	2/28/2024	0.1ND	No	19	n/a	n/a	52.63	n/a	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-17	0.1	n/a	2/28/2024	0.1ND	No	19	n/a	n/a	52.63	n/a	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-1	0.1241	n/a	3/1/2024	0.1ND	No	20	0.07823	0.01874	25	Kaplan-Meier	No	n/a	0.0004426	Param Intra 1 of 2
Fluoride (mg/L)	GWC-10	0.1	n/a	3/1/2024	0.1ND	No	19	n/a	n/a	47.37	n/a	n/a	n/a	0.004832	NP Intra (normality) 1 of 2
Fluoride (mg/L)	GWC-11	0.1	n/a	2/29/2024	0.1ND	No	19	n/a	n/a	52.63	n/a	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-12	0.1	n/a	2/29/2024	0.1ND	No	19	n/a	n/a	68.42	n/a	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-13	0.1	n/a	3/1/2024	0.1ND	No	19	n/a	n/a	57.89	n/a	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-14	0.1	n/a	3/1/2024	0.1ND	No	19	n/a	n/a	68.42	n/a	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-18	0.1	n/a	2/29/2024	0.1ND	No	19	n/a	n/a	57.89	n/a	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-19	0.1	n/a	2/29/2024	0.1ND	No	19	n/a	n/a	57.89	n/a	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-2	0.1	n/a	3/1/2024	0.1ND	No	19	n/a	n/a	52.63	n/a	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-20	0.1	n/a	3/1/2024	0.1ND	No	19	n/a	n/a	63.16	n/a	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-3	0.1	n/a	3/4/2024	0.1ND	No	19	n/a	n/a	47.37	n/a	n/a	n/a	0.004832	NP Intra (normality) 1 of 2
Fluoride (mg/L)	GWC-4	0.1446	n/a	2/29/2024	0.05ND	No	19	0.01008	0.00437	0	None	No	x^2	0.0004426	Param Intra 1 of 2
Fluoride (mg/L)	GWC-5	0.16	n/a	2/29/2024	0.1ND	No	20	n/a	n/a	50	n/a	n/a	n/a	0.004291	NP Intra (normality) 1 of 2
Fluoride (mg/L)	GWC-6	0.1	n/a	2/29/2024	0.1ND	No	19	n/a	n/a	52.63	n/a	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-7	0.12	n/a	2/29/2024	0.1ND	No	19	n/a	n/a	52.63	n/a	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-8A	0.2068	n/a	2/29/2024	0.05ND	No	18	0.09939	0.04279	0	None	No	n/a	0.0004426	Param Intra 1 of 2
Fluoride (mg/L)	GWC-9	0.1	n/a	3/1/2024	0.1ND	No	19	n/a	n/a	42.11	n/a	n/a	n/a	0.004832	NP Intra (normality) 1 of 2
pH (S.U.)	GWA-15	5.739	5.209	3/4/2024	5.24	No	23	5.474	0.1111	0	None	No	n/a	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWA-16	6.555	6.214	2/28/2024	6.49	No	22	6.384	0.07089	0	None	No	n/a	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWA-17	6.376	5.66	2/28/2024	6.41	Yes	22	6.018	0.149	0	None	No	n/a	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-1	6.787	6.263	3/1/2024	6.71	No	23	6.525	0.1099	0	None	No	n/a	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-10	6.617	6.06	3/1/2024	6.47	No	24	6.338	0.1176	0	None	No	n/a	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-11	6.371	5.929	2/29/2024	6.26	No	22	6.15	0.09196	0	None	No	n/a	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-12	5.44	4.817	2/29/2024	5.24	No	23	5.128	0.1305	0	None	No	n/a	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-13	6.051	5.681	3/1/2024	5.9	No	23	202.5	8.027	0	None	No	x^3	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-14	5.862	5.335	3/1/2024	5.55	No	22	5.598	0.1095	0	None	No	n/a	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-18	6.527	6.151	2/29/2024	6.51	No	23	6.339	0.07879	0	None	No	n/a	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-19	6.528	6.2	2/29/2024	6.33	No	23	6.364	0.0688	0	None	No	n/a	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-2	7	6.23	3/1/2024	6.5	No	21	n/a	n/a	0	n/a	n/a	n/a	0.007998	NP Intra (normality) 1 of 2
pH (S.U.)	GWC-20	6.713	6.333	3/1/2024	6.73	Yes	25	6.523	0.08092	0	None	No	n/a	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-3	6.199	5.711	3/4/2024	6.11	No	22	5.955	0.1016	0	None	No	n/a	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-4	6.554	6.011	2/29/2024	6.31	No	24	6.282	0.1147	0	None	No	n/a	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-5	6.238	5.374	2/29/2024	6.25	Yes	23	5.806	0.1811	0	None	No	n/a	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-6	6.43	6.09	2/29/2024	6.37	No	23	n/a	n/a	0	n/a	n/a	n/a	0.006831	NP Intra (normality) 1 of 2
pH (S.U.)	GWC-7	6.42	5.96	2/29/2024	6.57	Yes	21	n/a	n/a	0	n/a	n/a	n/a	0.007998	NP Intra (normality) 1 of 2
pH (S.U.)	GWC-8A	7.26	6.24	2/29/2024	6.52	No	26	n/a	n/a	0	n/a	n/a	n/a	0.005334	NP Intra (normality) 1 of 2
pH (S.U.)	GWC-9	6.907	6.275	3/1/2024	6.82	No	23	6.591	0.1325	0	None	No	n/a	0.0002213	Param Intra 1 of 2
Sulfate (mg/L)	GWA-15	3.1	n/a	3/4/2024	2.8	No	19	n/a	n/a	42.11	n/a	n/a	n/a	0.004832	NP Intra (normality) 1 of 2
Sulfate (mg/L)	GWA-16	1	n/a	2/28/2024	1ND	No	19	n/a	n/a	94.74	n/a	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-17	1	n/a	2/28/2024	1ND	No	19	n/a	n/a	84.21	n/a	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-1	1.5	n/a	3/1/2024	0.79J	No	19	n/a	n/a	42.11	n/a	n/a	n/a	0.004832	NP Intra (normality) 1 of 2
Sulfate (mg/L)	GWC-10	1.2	n/a	3/1/2024	4.7	Yes	11	n/a	n/a	27.27	n/a	n/a	n/a	0.01276	NP Intra (normality) 1 of 2
Sulfate (mg/L)	GWC-11	1	n/a	2/29/2024	1ND	No	19	n/a	n/a	89.47	n/a	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-12	1.3	n/a	2/29/2024	1ND	No	19	n/a	n/a	73.68	n/a	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-13	1.3	n/a	3/1/2024	1.2	No	18	n/a	n/a	55.56	n/a	n/a	n/a	0.005373	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-14	1	n/a	3/1/2024	1ND	No	19	n/a	n/a	78.95	n/a	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-18	1	n/a	2/29/2024	1.8	Yes	19	n/a	n/a	84.21	n/a	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-19	1.9	n/a	2/29/2024	1ND	No	19	n/a	n/a	84.21	n/a	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-2	1.1	n/a	3/1/2024	1.2	Yes	19	n/a	n/a	57.89	n/a	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-20	1.4	n/a	3/1/2024	0.68J	No	19	n/a	n/a	84.21	n/a	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-3	1.1	n/a	3/4/2024	10	Yes	19	n/a	n/a	57.89	n/a	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-4	6.288	n/a	2/29/2024	84	Yes	15	2.937	1.27	0	None	No	n/a	0.0004426	Param Intra 1 of 2
Sulfate (mg/L)	GWC-5	270	n/a	2/29/2024	75	No	9	n/a	n/a	0	n/a	n/a	n/a	0.01809	NP Intra (normality) 1 of 2

Appendix III Intrawell Prediction Limits - All Results

Plant Scherer Data: Scherer Cell 1-CCR Printed 3/29/2024, 12:02 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBg	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Sulfate (mg/L)	GWC-6	17.05	n/a	2/29/2024	25	Yes	19	10.62	2.592	0	None	No	0.0004426	Param Intra 1 of 2	
Sulfate (mg/L)	GWC-7	1	n/a	2/29/2024	1.5	Yes	19	n/a	n/a	78.95	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2	
Sulfate (mg/L)	GWC-8A	53.18	n/a	2/29/2024	18	No	18	28.21	9.948	0	None	No	0.0004426	Param Intra 1 of 2	
Sulfate (mg/L)	GWC-9	18.9	n/a	3/1/2024	17	No	19	3.156	0.4807	0	None	sqrt(x)	0.0004426	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWA-15	87.07	n/a	3/4/2024	41	No	19	40.21	18.91	10.53	None	No	0.0004426	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWA-16	150.1	n/a	2/28/2024	100	No	19	96.53	21.6	0	None	No	0.0004426	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWA-17	132.9	n/a	2/28/2024	85	No	19	71	24.98	0	None	No	0.0004426	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWC-1	167.9	n/a	3/1/2024	150	No	19	132.5	14.28	0	None	No	0.0004426	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWC-10	187.5	n/a	3/1/2024	150	No	18	133.7	21.41	0	None	No	0.0004426	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWC-11	143.4	n/a	2/29/2024	110	No	18	100.2	17.2	0	None	No	0.0004426	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWC-12	107.1	n/a	2/29/2024	32	No	19	2.621	0.8282	21.05	Kaplan-Meier	ln(x)	0.0004426	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWC-13	113.1	n/a	3/1/2024	74	No	18	60.17	21.09	0	None	No	0.0004426	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWC-14	103.2	n/a	3/1/2024	63	No	19	56.63	18.81	0	None	No	0.0004426	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWC-18	129.2	n/a	2/29/2024	96	No	19	85.53	17.63	0	None	No	0.0004426	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWC-19	172.7	n/a	2/29/2024	130	No	19	98.16	30.06	0	None	No	0.0004426	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWC-2	177.4	n/a	3/1/2024	140	No	19	15383	6489	0	None	x^2	0.0004426	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWC-20	149	n/a	3/1/2024	130	No	19	106.5	17.15	0	None	No	0.0004426	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWC-3	116.5	n/a	3/4/2024	99	No	19	80	14.73	0	None	No	0.0004426	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWC-4	178.1	n/a	2/29/2024	260	Yes	19	123.4	22.1	0	None	No	0.0004426	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWC-5	1348	n/a	2/29/2024	190	No	10	7.445	1.178	0	None	x^(1/3)	0.0004426	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWC-6	183	n/a	2/29/2024	160	No	19	146.4	14.75	0	None	No	0.0004426	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWC-7	160.2	n/a	2/29/2024	130	No	19	119.8	16.3	0	None	No	0.0004426	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWC-8A	425.3	n/a	2/29/2024	270	No	17	15.22	2.125	0	None	sqrt(x)	0.0004426	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWC-9	201.4	n/a	3/1/2024	160	No	19	20889	7938	0	None	x^2	0.0004426	Param Intra 1 of 2	

Appendix I Interwell Prediction Limits - Two-Step - Significant Results

Plant Scherer Data: Scherer Cell 1-CCR Printed 3/29/2024, 11:50 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBg	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium, Total (mg/L)	GWC-4	0.051	n/a	2/29/2024	0.1	Yes	108	n/a	n/a	n/a	1.852	n/a	n/a	0.0001684	NP Inter (normality) 1 of 2
Nickel (mg/L)	GWC-10	0.00202	n/a	3/1/2024	0.0048	Yes	92	n/a	n/a	n/a	83.7	n/a	n/a	0.0002259	NP Inter (NDs) 1 of 2
Nickel (mg/L)	GWC-14	0.00202	n/a	3/1/2024	0.0081	Yes	92	n/a	n/a	n/a	83.7	n/a	n/a	0.0002259	NP Inter (NDs) 1 of 2
Zinc (mg/L)	GWC-14	0.0084	n/a	3/1/2024	0.024	Yes	93	n/a	n/a	n/a	93.55	n/a	n/a	0.0002216	NP Inter (NDs) 1 of 2

Appendix I Interwell Prediction Limits - Two-Step - All Results

Plant Scherer Data: Scherer Cell 1-CCR Printed 3/29/2024, 11:50 AM

<u>Constituent</u>	<u>Well</u>	<u>Upper Lim.</u>	<u>Lower Lim.</u>	<u>Date</u>	<u>Observ.</u>	<u>Sig.</u>	<u>Bg</u>	<u>NBg</u>	<u>Mean</u>	<u>Std. Dev.</u>	<u>%NDs</u>	<u>ND Adj.</u>	<u>Transform</u>	<u>Alpha</u>	<u>Method</u>
Barium, Total (mg/L)	GWC-10	0.051	n/a	3/1/2024	0.036	No	108	n/a	n/a	1.852	n/a	n/a	n/a	0.0001684	NP Inter (normality) 1 of 2
Barium, Total (mg/L)	GWC-14	0.051	n/a	3/1/2024	0.012	No	108	n/a	n/a	1.852	n/a	n/a	n/a	0.0001684	NP Inter (normality) 1 of 2
Barium, Total (mg/L)	GWC-19	0.051	n/a	2/29/2024	0.033	No	108	n/a	n/a	1.852	n/a	n/a	n/a	0.0001684	NP Inter (normality) 1 of 2
Barium, Total (mg/L)	GWC-20	0.051	n/a	3/1/2024	0.036	No	108	n/a	n/a	1.852	n/a	n/a	n/a	0.0001684	NP Inter (normality) 1 of 2
Barium, Total (mg/L)	GWC-4	0.051	n/a	2/29/2024	0.1	Yes	108	n/a	n/a	1.852	n/a	n/a	n/a	0.0001684	NP Inter (normality) 1 of 2
Nickel (mg/L)	GWC-10	0.00202	n/a	3/1/2024	0.0048	Yes	92	n/a	n/a	83.7	n/a	n/a	n/a	0.0002259	NP Inter (NDs) 1 of 2
Nickel (mg/L)	GWC-14	0.00202	n/a	3/1/2024	0.0081	Yes	92	n/a	n/a	83.7	n/a	n/a	n/a	0.0002259	NP Inter (NDs) 1 of 2
Zinc (mg/L)	GWC-14	0.0084	n/a	3/1/2024	0.024	Yes	93	n/a	n/a	93.55	n/a	n/a	n/a	0.0002216	NP Inter (NDs) 1 of 2

Appendix III Interwell Prediction Limits - Two-Step - Significant Results

Plant Scherer Data: Scherer Cell 1-CCR Printed 3/29/2024, 12:41 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBg	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Calcium (mg/L)	GWC-19	15	n/a	2/29/2024	19	Yes	66	n/a	n/a	n/a	0	n/a	n/a	0.0004314	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-20	15	n/a	3/1/2024	17	Yes	66	n/a	n/a	n/a	0	n/a	n/a	0.0004314	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-4	15	n/a	2/29/2024	31	Yes	66	n/a	n/a	n/a	0	n/a	n/a	0.0004314	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-6	15	n/a	2/29/2024	20	Yes	66	n/a	n/a	n/a	0	n/a	n/a	0.0004314	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-7	15	n/a	2/29/2024	17	Yes	66	n/a	n/a	n/a	0	n/a	n/a	0.0004314	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-8A	15	n/a	2/29/2024	49	Yes	66	n/a	n/a	n/a	0	n/a	n/a	0.0004314	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-4	7.2	n/a	2/29/2024	21	Yes	66	n/a	n/a	n/a	0	n/a	n/a	0.0004314	NP Inter (normality) 1 of 2
pH (S.U.)	GWC-20	6.52	5.24	3/1/2024	6.73	Yes	76	n/a	n/a	n/a	0	n/a	n/a	0.0006569	NP Inter (normality) 1 of 2
pH (S.U.)	GWC-7	6.52	5.24	2/29/2024	6.57	Yes	76	n/a	n/a	n/a	0	n/a	n/a	0.0006569	NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-10	3.5	n/a	3/1/2024	4.7	Yes	66	n/a	n/a	n/a	68.18	n/a	n/a	0.0004314	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-3	3.5	n/a	3/4/2024	10	Yes	66	n/a	n/a	n/a	68.18	n/a	n/a	0.0004314	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-4	3.5	n/a	2/29/2024	84	Yes	66	n/a	n/a	n/a	68.18	n/a	n/a	0.0004314	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-6	3.5	n/a	2/29/2024	25	Yes	66	n/a	n/a	n/a	68.18	n/a	n/a	0.0004314	NP Inter (NDs) 1 of 2
Total Dissolved Solids (mg/L)	GWC-4	137.2	n/a	2/29/2024	260	Yes	66	70.83	31.11	3.03	None	No	0.0004426	Param Inter 1 of 2	

Appendix III Interwell Prediction Limits - Two-Step - All Results

Plant Scherer Data: Scherer Cell 1-CCR Printed 3/29/2024, 12:41 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBg	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Calcium (mg/L)	GWC-19	15	n/a	2/29/2024	19	Yes	66	n/a	n/a	n/a	0	n/a	n/a	0.0004314	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-20	15	n/a	3/1/2024	17	Yes	66	n/a	n/a	n/a	0	n/a	n/a	0.0004314	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-4	15	n/a	2/29/2024	31	Yes	66	n/a	n/a	n/a	0	n/a	n/a	0.0004314	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-6	15	n/a	2/29/2024	20	Yes	66	n/a	n/a	n/a	0	n/a	n/a	0.0004314	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-7	15	n/a	2/29/2024	17	Yes	66	n/a	n/a	n/a	0	n/a	n/a	0.0004314	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-8A	15	n/a	2/29/2024	49	Yes	66	n/a	n/a	n/a	0	n/a	n/a	0.0004314	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-11	7.2	n/a	2/29/2024	2.2	No	66	n/a	n/a	n/a	0	n/a	n/a	0.0004314	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-12	7.2	n/a	2/29/2024	2.3	No	66	n/a	n/a	n/a	0	n/a	n/a	0.0004314	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-14	7.2	n/a	3/1/2024	4.7	No	66	n/a	n/a	n/a	0	n/a	n/a	0.0004314	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-18	7.2	n/a	2/29/2024	3.2	No	66	n/a	n/a	n/a	0	n/a	n/a	0.0004314	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-19	7.2	n/a	2/29/2024	3.1	No	66	n/a	n/a	n/a	0	n/a	n/a	0.0004314	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-20	7.2	n/a	3/1/2024	2.5	No	66	n/a	n/a	n/a	0	n/a	n/a	0.0004314	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-4	7.2	n/a	2/29/2024	21	Yes	66	n/a	n/a	n/a	0	n/a	n/a	0.0004314	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-7	7.2	n/a	2/29/2024	4.8	No	66	n/a	n/a	n/a	0	n/a	n/a	0.0004314	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-9	7.2	n/a	3/1/2024	5.2	No	66	n/a	n/a	n/a	0	n/a	n/a	0.0004314	NP Inter (normality) 1 of 2
pH (S.U.)	GWC-20	6.52	5.24	3/1/2024	6.73	Yes	76	n/a	n/a	n/a	0	n/a	n/a	0.0006569	NP Inter (normality) 1 of 2
pH (S.U.)	GWC-5	6.52	5.24	2/29/2024	6.25	No	76	n/a	n/a	n/a	0	n/a	n/a	0.0006569	NP Inter (normality) 1 of 2
pH (S.U.)	GWC-7	6.52	5.24	2/29/2024	6.57	Yes	76	n/a	n/a	n/a	0	n/a	n/a	0.0006569	NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-10	3.5	n/a	3/1/2024	4.7	Yes	66	n/a	n/a	n/a	68.18	n/a	n/a	0.0004314	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-18	3.5	n/a	2/29/2024	1.8	No	66	n/a	n/a	n/a	68.18	n/a	n/a	0.0004314	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-2	3.5	n/a	3/1/2024	1.2	No	66	n/a	n/a	n/a	68.18	n/a	n/a	0.0004314	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-3	3.5	n/a	3/4/2024	10	Yes	66	n/a	n/a	n/a	68.18	n/a	n/a	0.0004314	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-4	3.5	n/a	2/29/2024	84	Yes	66	n/a	n/a	n/a	68.18	n/a	n/a	0.0004314	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-6	3.5	n/a	2/29/2024	25	Yes	66	n/a	n/a	n/a	68.18	n/a	n/a	0.0004314	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-7	3.5	n/a	2/29/2024	1.5	No	66	n/a	n/a	n/a	68.18	n/a	n/a	0.0004314	NP Inter (NDs) 1 of 2
Total Dissolved Solids (mg/L)	GWC-4	137.2	n/a	2/29/2024	260	Yes	66	70.83	31.11	3.03	None	No	0.0004426	Param Inter 1 of 2	

Appendix I Interwell Prediction Limits - All Results (No Significant)

Plant Scherer Data: Scherer Cell 1-CCR Printed 3/29/2024, 11:52 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NB	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Arsenic, Total (mg/L)	GWC-1	0.001	n/a	3/1/2024	0.001ND	No	108	n/a	n/a	n/a	97.22	n/a	n/a	0.0001684	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-10	0.001	n/a	3/1/2024	0.001ND	No	108	n/a	n/a	n/a	97.22	n/a	n/a	0.0001684	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-11	0.001	n/a	2/29/2024	0.001ND	No	108	n/a	n/a	n/a	97.22	n/a	n/a	0.0001684	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-12	0.001	n/a	2/29/2024	0.001ND	No	108	n/a	n/a	n/a	97.22	n/a	n/a	0.0001684	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-13	0.001	n/a	3/1/2024	0.001ND	No	108	n/a	n/a	n/a	97.22	n/a	n/a	0.0001684	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-14	0.001	n/a	3/1/2024	0.001ND	No	108	n/a	n/a	n/a	97.22	n/a	n/a	0.0001684	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-18	0.001	n/a	2/29/2024	0.001ND	No	108	n/a	n/a	n/a	97.22	n/a	n/a	0.0001684	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-19	0.001	n/a	2/29/2024	0.001ND	No	108	n/a	n/a	n/a	97.22	n/a	n/a	0.0001684	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-2	0.001	n/a	3/1/2024	0.001ND	No	108	n/a	n/a	n/a	97.22	n/a	n/a	0.0001684	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-20	0.001	n/a	3/1/2024	0.001ND	No	108	n/a	n/a	n/a	97.22	n/a	n/a	0.0001684	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-3	0.001	n/a	3/4/2024	0.001ND	No	108	n/a	n/a	n/a	97.22	n/a	n/a	0.0001684	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-4	0.001	n/a	2/29/2024	0.001ND	No	108	n/a	n/a	n/a	97.22	n/a	n/a	0.0001684	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-5	0.001	n/a	2/29/2024	0.001ND	No	108	n/a	n/a	n/a	97.22	n/a	n/a	0.0001684	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-6	0.001	n/a	2/29/2024	0.001ND	No	108	n/a	n/a	n/a	97.22	n/a	n/a	0.0001684	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-7	0.001	n/a	2/29/2024	0.001ND	No	108	n/a	n/a	n/a	97.22	n/a	n/a	0.0001684	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-8A	0.001	n/a	2/29/2024	0.00089J	No	108	n/a	n/a	n/a	97.22	n/a	n/a	0.0001684	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-9	0.001	n/a	3/1/2024	0.001ND	No	108	n/a	n/a	n/a	97.22	n/a	n/a	0.0001684	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-1	0.001	n/a	3/1/2024	0.001ND	No	93	n/a	n/a	n/a	100	n/a	n/a	0.0002216	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-10	0.001	n/a	3/1/2024	0.001ND	No	93	n/a	n/a	n/a	100	n/a	n/a	0.0002216	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-11	0.001	n/a	2/29/2024	0.001ND	No	93	n/a	n/a	n/a	100	n/a	n/a	0.0002216	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-12	0.001	n/a	2/29/2024	0.001ND	No	93	n/a	n/a	n/a	100	n/a	n/a	0.0002216	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-13	0.001	n/a	3/1/2024	0.001ND	No	93	n/a	n/a	n/a	100	n/a	n/a	0.0002216	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-14	0.001	n/a	3/1/2024	0.001ND	No	93	n/a	n/a	n/a	100	n/a	n/a	0.0002216	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-18	0.001	n/a	2/29/2024	0.001ND	No	93	n/a	n/a	n/a	100	n/a	n/a	0.0002216	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-19	0.001	n/a	2/29/2024	0.001ND	No	93	n/a	n/a	n/a	100	n/a	n/a	0.0002216	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-2	0.001	n/a	3/1/2024	0.001ND	No	93	n/a	n/a	n/a	100	n/a	n/a	0.0002216	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-20	0.001	n/a	3/1/2024	0.001ND	No	93	n/a	n/a	n/a	100	n/a	n/a	0.0002216	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-3	0.001	n/a	3/4/2024	0.001ND	No	93	n/a	n/a	n/a	100	n/a	n/a	0.0002216	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-4	0.001	n/a	2/29/2024	0.001ND	No	93	n/a	n/a	n/a	100	n/a	n/a	0.0002216	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-5	0.001	n/a	2/29/2024	0.001ND	No	93	n/a	n/a	n/a	100	n/a	n/a	0.0002216	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-6	0.001	n/a	2/29/2024	0.001ND	No	93	n/a	n/a	n/a	100	n/a	n/a	0.0002216	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-7	0.001	n/a	2/29/2024	0.001ND	No	93	n/a	n/a	n/a	100	n/a	n/a	0.0002216	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-8A	0.001	n/a	2/29/2024	0.001ND	No	93	n/a	n/a	n/a	100	n/a	n/a	0.0002216	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-9	0.001	n/a	3/1/2024	0.001ND	No	93	n/a	n/a	n/a	100	n/a	n/a	0.0002216	NP Inter (NDs) 1 of 2

Appendix I & III Trend Tests Summary - Significant Results

Plant Scherer Data: Scherer Cell 1-CCR Printed 3/29/2024, 1:12 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Barium, Total (mg/L)	GWA-17 (bg)	-0.0007003	-219	-191	Yes	36	2.778	n/a	0.01	NP
Barium, Total (mg/L)	GWC-10	0.0009692	403	191	Yes	36	5.556	n/a	0.01	NP
Barium, Total (mg/L)	GWC-19	0.0009869	346	191	Yes	36	2.778	n/a	0.01	NP
Barium, Total (mg/L)	GWC-4	0.002218	519	206	Yes	38	0	n/a	0.01	NP
Calcium (mg/L)	GWA-17 (bg)	0.2916	128	92	Yes	22	0	n/a	0.01	NP
Calcium (mg/L)	GWC-19	1.182	186	98	Yes	23	0	n/a	0.01	NP
Calcium (mg/L)	GWC-4	1.232	178	98	Yes	23	0	n/a	0.01	NP
Calcium (mg/L)	GWC-7	0.2544	96	92	Yes	22	0	n/a	0.01	NP
Calcium (mg/L)	GWC-8A	5.216	150	87	Yes	21	0	n/a	0.01	NP
Chloride (mg/L)	GWA-15 (bg)	0.1539	106	92	Yes	22	0	n/a	0.01	NP
Chloride (mg/L)	GWA-17 (bg)	-0.04392	-122	-92	Yes	22	0	n/a	0.01	NP
Chloride (mg/L)	GWC-14	0.09154	95	92	Yes	22	0	n/a	0.01	NP
Chloride (mg/L)	GWC-18	0.05564	107	92	Yes	22	0	n/a	0.01	NP
Chloride (mg/L)	GWC-19	0.1345	98	92	Yes	22	0	n/a	0.01	NP
Chloride (mg/L)	GWC-4	1.692	186	98	Yes	23	0	n/a	0.01	NP
Chloride (mg/L)	GWC-7	0.2466	139	92	Yes	22	0	n/a	0.01	NP
pH (S.U.)	GWA-15 (bg)	-0.0178	-121	-118	Yes	26	0	n/a	0.01	NP
pH (S.U.)	GWA-17 (bg)	0.04321	180	111	Yes	25	0	n/a	0.01	NP
pH (S.U.)	GWC-5	0.05647	159	118	Yes	26	0	n/a	0.01	NP
Sulfate (mg/L)	GWA-15 (bg)	0.2092	111	92	Yes	22	36.36	n/a	0.01	NP
Sulfate (mg/L)	GWC-10	0.497	223	105	Yes	24	12.5	n/a	0.01	NP
Sulfate (mg/L)	GWC-4	3.102	149	105	Yes	24	0	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWC-4	14.07	175	98	Yes	23	0	n/a	0.01	NP

Appendix I & III Trend Tests Summary - All Results

Plant Scherer Data: Scherer Cell 1-CCR Printed 3/29/2024, 1:12 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Barium, Total (mg/L)	GWA-15 (bg)	0	66	191	No	36	2.778	n/a	0.01	NP
Barium, Total (mg/L)	GWA-16 (bg)	-0.0002293	-159	-191	No	36	0	n/a	0.01	NP
Barium, Total (mg/L)	GWA-17 (bg)	-0.0007003	-219	-191	Yes	36	2.778	n/a	0.01	NP
Barium, Total (mg/L)	GWC-10	0.0009692	403	191	Yes	36	5.556	n/a	0.01	NP
Barium, Total (mg/L)	GWC-14	0.0001183	145	176	No	34	2.941	n/a	0.01	NP
Barium, Total (mg/L)	GWC-19	0.0009869	346	191	Yes	36	2.778	n/a	0.01	NP
Barium, Total (mg/L)	GWC-20	0	43	191	No	36	2.778	n/a	0.01	NP
Barium, Total (mg/L)	GWC-4	0.002218	519	206	Yes	38	0	n/a	0.01	NP
Calcium (mg/L)	GWA-15 (bg)	0	3	92	No	22	0	n/a	0.01	NP
Calcium (mg/L)	GWA-16 (bg)	0.1304	45	92	No	22	0	n/a	0.01	NP
Calcium (mg/L)	GWA-17 (bg)	0.2916	128	92	Yes	22	0	n/a	0.01	NP
Calcium (mg/L)	GWC-19	1.182	186	98	Yes	23	0	n/a	0.01	NP
Calcium (mg/L)	GWC-20	0.2593	77	92	No	22	0	n/a	0.01	NP
Calcium (mg/L)	GWC-4	1.232	178	98	Yes	23	0	n/a	0.01	NP
Calcium (mg/L)	GWC-6	-0.2856	-57	-92	No	22	0	n/a	0.01	NP
Calcium (mg/L)	GWC-7	0.2544	96	92	Yes	22	0	n/a	0.01	NP
Calcium (mg/L)	GWC-8A	5.216	150	87	Yes	21	0	n/a	0.01	NP
Chloride (mg/L)	GWA-15 (bg)	0.1539	106	92	Yes	22	0	n/a	0.01	NP
Chloride (mg/L)	GWA-16 (bg)	0	-45	-92	No	22	0	n/a	0.01	NP
Chloride (mg/L)	GWA-17 (bg)	-0.04392	-122	-92	Yes	22	0	n/a	0.01	NP
Chloride (mg/L)	GWC-11	0	-1	-92	No	22	0	n/a	0.01	NP
Chloride (mg/L)	GWC-12	0.0171	48	92	No	22	0	n/a	0.01	NP
Chloride (mg/L)	GWC-14	0.09154	95	92	Yes	22	0	n/a	0.01	NP
Chloride (mg/L)	GWC-18	0.05564	107	92	Yes	22	0	n/a	0.01	NP
Chloride (mg/L)	GWC-19	0.1345	98	92	Yes	22	0	n/a	0.01	NP
Chloride (mg/L)	GWC-20	0.02645	65	92	No	22	4.545	n/a	0.01	NP
Chloride (mg/L)	GWC-4	1.692	186	98	Yes	23	0	n/a	0.01	NP
Chloride (mg/L)	GWC-7	0.2466	139	92	Yes	22	0	n/a	0.01	NP
Chloride (mg/L)	GWC-9	0.05592	51	92	No	22	0	n/a	0.01	NP
Nickel (mg/L)	GWA-15 (bg)	0	-144	-152	No	31	67.74	n/a	0.01	NP
Nickel (mg/L)	GWA-16 (bg)	0	-11	-146	No	30	96.67	n/a	0.01	NP
Nickel (mg/L)	GWA-17 (bg)	0	-42	-152	No	31	87.1	n/a	0.01	NP
Nickel (mg/L)	GWC-10	0	97	161	No	32	59.38	n/a	0.01	NP
Nickel (mg/L)	GWC-14	0	30	152	No	31	96.77	n/a	0.01	NP
pH (S.U.)	GWA-15 (bg)	-0.0178	-121	-118	Yes	26	0	n/a	0.01	NP
pH (S.U.)	GWA-16 (bg)	0.006799	36	111	No	25	0	n/a	0.01	NP
pH (S.U.)	GWA-17 (bg)	0.04321	180	111	Yes	25	0	n/a	0.01	NP
pH (S.U.)	GWC-20	0.009807	100	131	No	28	0	n/a	0.01	NP
pH (S.U.)	GWC-5	0.05647	159	118	Yes	26	0	n/a	0.01	NP
pH (S.U.)	GWC-7	0.01084	66	111	No	25	0	n/a	0.01	NP
Sulfate (mg/L)	GWA-15 (bg)	0.2092	111	92	Yes	22	36.36	n/a	0.01	NP
Sulfate (mg/L)	GWA-16 (bg)	0	-8	-92	No	22	86.36	n/a	0.01	NP
Sulfate (mg/L)	GWA-17 (bg)	0	4	92	No	22	81.82	n/a	0.01	NP
Sulfate (mg/L)	GWC-10	0.497	223	105	Yes	24	12.5	n/a	0.01	NP
Sulfate (mg/L)	GWC-18	0	27	92	No	22	77.27	n/a	0.01	NP
Sulfate (mg/L)	GWC-2	0	14	92	No	22	50	n/a	0.01	NP
Sulfate (mg/L)	GWC-3	0.1127	84	105	No	24	45.83	n/a	0.01	NP
Sulfate (mg/L)	GWC-4	3.102	149	105	Yes	24	0	n/a	0.01	NP
Sulfate (mg/L)	GWC-6	0	4	92	No	22	0	n/a	0.01	NP
Sulfate (mg/L)	GWC-7	0	47	92	No	22	72.73	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWA-15 (bg)	1.835	54	92	No	22	9.091	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWA-16 (bg)	0	20	92	No	22	0	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWA-17 (bg)	3.602	77	92	No	22	0	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWC-4	14.07	175	98	Yes	23	0	n/a	0.01	NP
Zinc (mg/L)	GWA-15 (bg)	0	12	152	No	31	96.77	n/a	0.01	NP
Zinc (mg/L)	GWA-16 (bg)	0	-41	-152	No	31	93.55	n/a	0.01	NP
Zinc (mg/L)	GWA-17 (bg)	0	13	152	No	31	90.32	n/a	0.01	NP
Zinc (mg/L)	GWC-14	0	17	152	No	31	93.55	n/a	0.01	NP

Appendix I Intrawell Prediction Limits - May 2024 Resample - All Results (No Significant)

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 6/24/2024, 1:19 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Nickel (mg/L)	GWC-10	0.003	n/a	5/20/2024	0.0016	No	29	n/a	n/a	65.52	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-14	0.001	n/a	5/7/2024	0.001ND	No	28	n/a	n/a	100	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-14	0.005	n/a	5/7/2024	0.005ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2

Appendix III Intrawell Prediction Limits - May 2024 Resample - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 6/24/2024, 1:28 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bq N	Bq Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Calcium (mg/L)	GWC-7	16	n/a	5/7/2024	17	Yes	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality) 1 of 2
Chloride (mg/L)	GWC-4	16.42	n/a	5/20/2024	28	Yes	19	8.083	3.363	0	None	No	0.0004426	Param Intra 1 of 2
Sulfate (mg/L)	GWC-10	1.2	n/a	5/20/2024	3.9	Yes	11	n/a	n/a	27.27	n/a	n/a	0.01276	NP Intra (normality) 1 of 2
Sulfate (mg/L)	GWC-6	17.05	n/a	5/20/2024	18	Yes	19	10.62	2.592	0	None	No	0.0004426	Param Intra 1 of 2

Appendix III Intrawell Prediction Limits - May 2024 Resample - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 6/24/2024, 1:28 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Calcium (mg/L)	GWC-6	19.5	n/a	5/20/2024	14	No	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality) 1 of 2
Calcium (mg/L)	GWC-7	16	n/a	5/7/2024	17	Yes	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality) 1 of 2
Chloride (mg/L)	GWC-4	16.42	n/a	5/20/2024	28	Yes	19	8.083	3.363	0	None	No	0.0004426	Param Intra 1 of 2
pH (S.U.)	GWC-10	6.617	6.06	5/20/2024	6.28	No	24	6.338	0.1176	0	None	No	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-14	5.862	5.335	5/7/2024	5.55	No	22	5.598	0.1095	0	None	No	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-20	6.713	6.333	5/7/2024	6.5	No	25	6.523	0.08092	0	None	No	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-3	6.199	5.711	5/20/2024	5.9	No	22	5.955	0.1016	0	None	No	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-4	6.554	6.011	5/20/2024	6.08	No	24	6.282	0.1147	0	None	No	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-6	6.43	6.09	5/20/2024	6.16	No	23	n/a	n/a	0	n/a	n/a	0.006831	NP Intra (normality) 1 of 2
pH (S.U.)	GWC-7	6.42	5.96	5/7/2024	6.3	No	21	n/a	n/a	0	n/a	n/a	0.007998	NP Intra (normality) 1 of 2
Sulfate (mg/L)	GWC-10	1.2	n/a	5/20/2024	3.9	Yes	11	n/a	n/a	27.27	n/a	n/a	0.01276	NP Intra (normality) 1 of 2
Sulfate (mg/L)	GWC-3	1.1	n/a	5/20/2024	0.64J	No	19	n/a	n/a	57.89	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-6	17.05	n/a	5/20/2024	18	Yes	19	10.62	2.592	0	None	No	0.0004426	Param Intra 1 of 2

Appendix III Interwell Prediction Limits - Two-Step May 2024 Resample - All/Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 6/24/2024, 1:33 PM

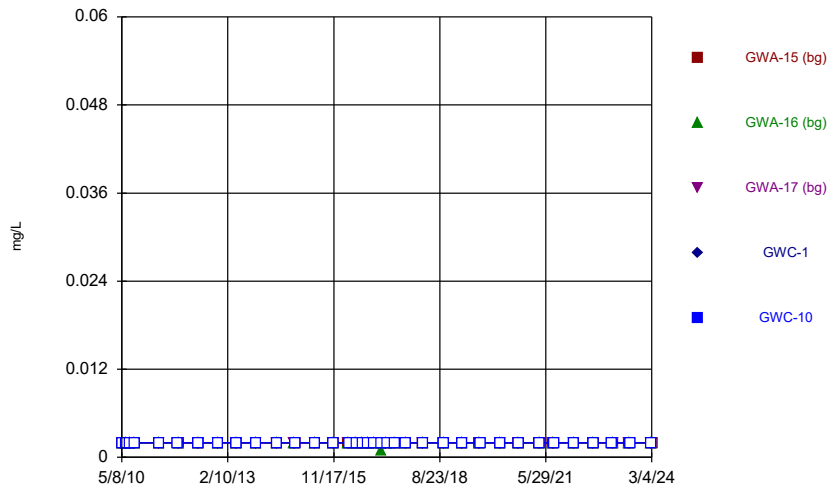
Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bq N	Bq Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Calcium (mg/L)	GWC-7	15	n/a	5/7/2024	17	Yes	66	n/a	n/a	0	n/a	n/a	0.0004314	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-4	7.2	n/a	5/20/2024	28	Yes	66	n/a	n/a	0	n/a	n/a	0.0004314	NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-10	3.5	n/a	5/20/2024	3.9	Yes	66	n/a	n/a	68.18	n/a	n/a	0.0004314	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-6	3.5	n/a	5/20/2024	18	Yes	66	n/a	n/a	68.18	n/a	n/a	0.0004314	NP Inter (NDs) 1 of 2

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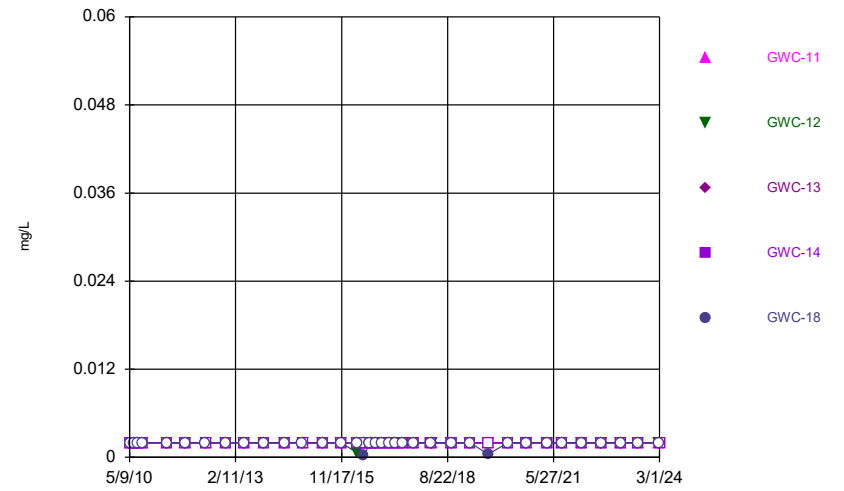
FIGURE A.

Time Series



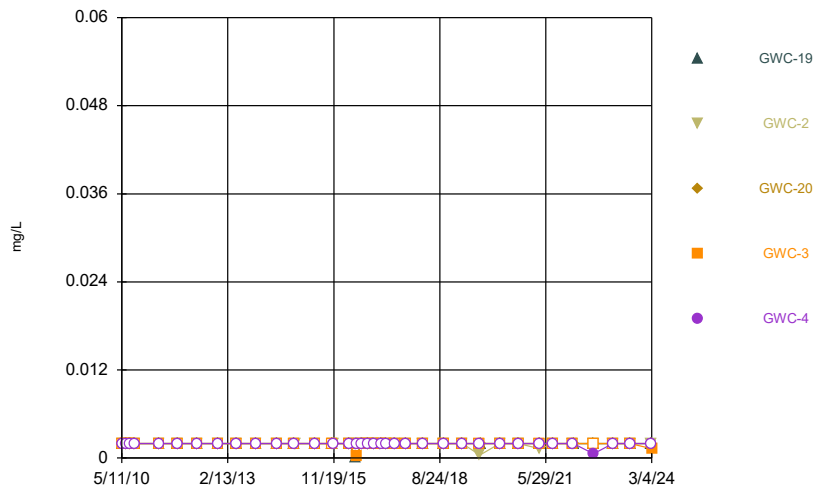
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Time Series



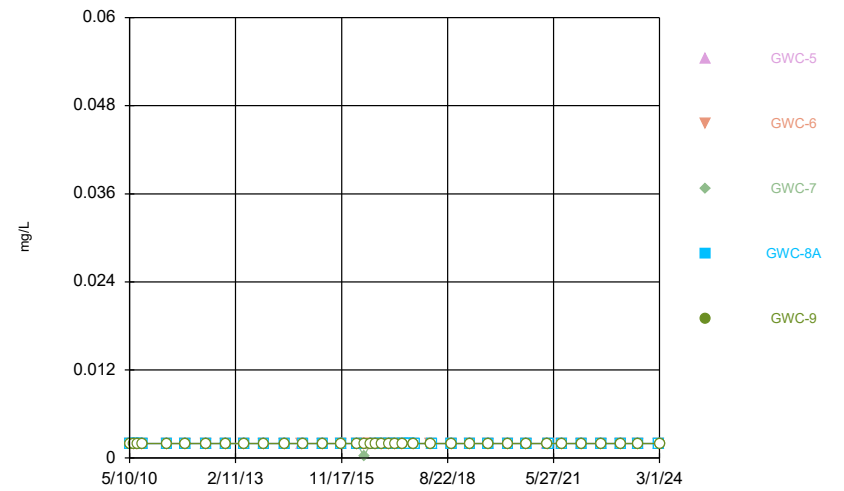
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Time Series



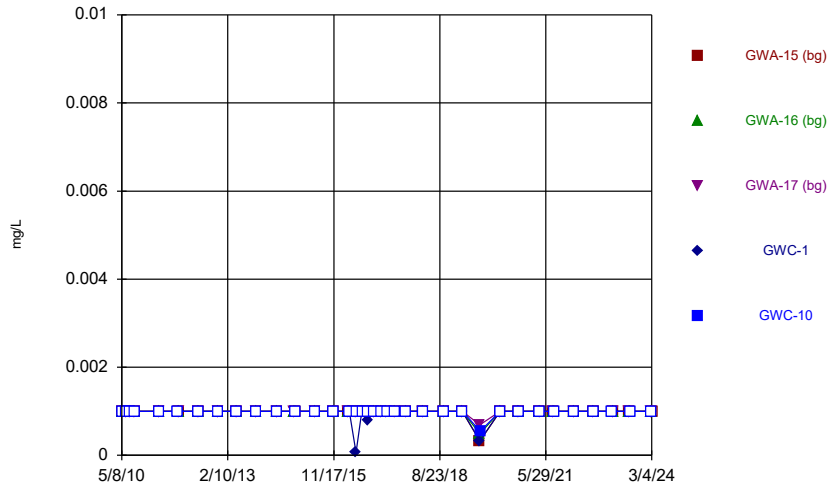
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Time Series



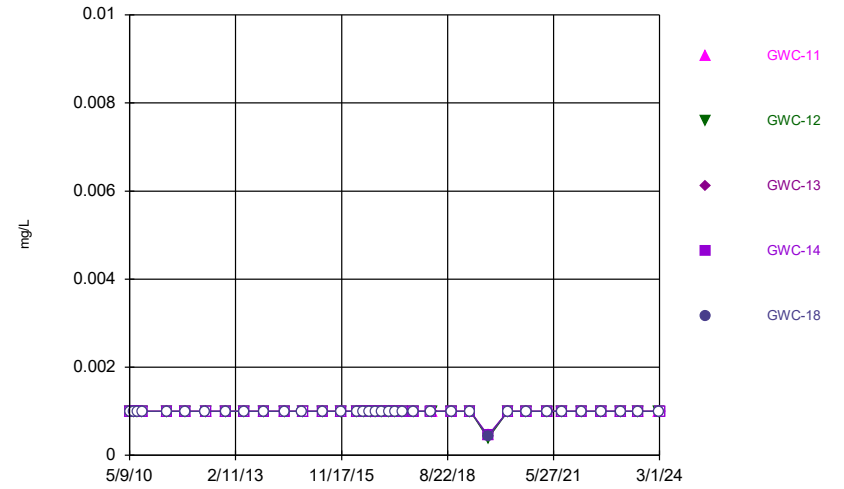
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Time Series



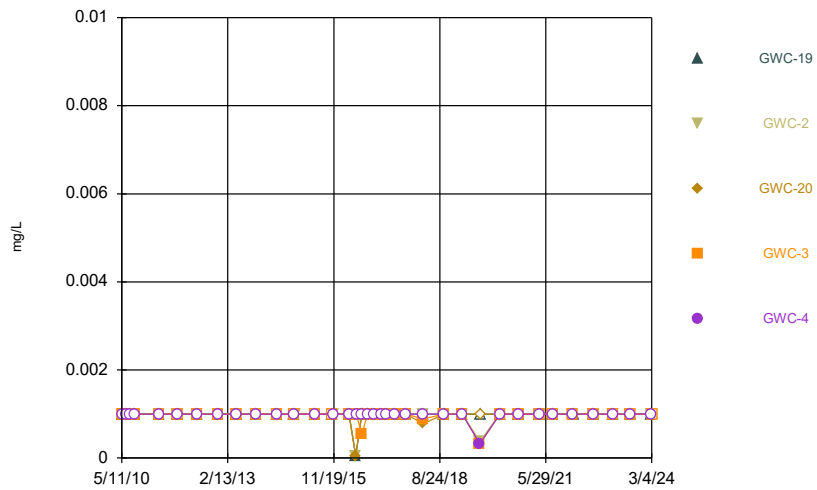
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Time Series



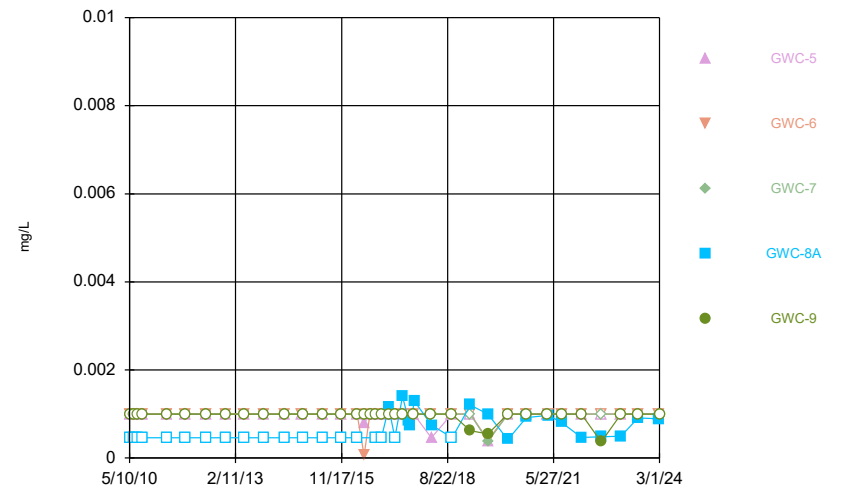
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Time Series



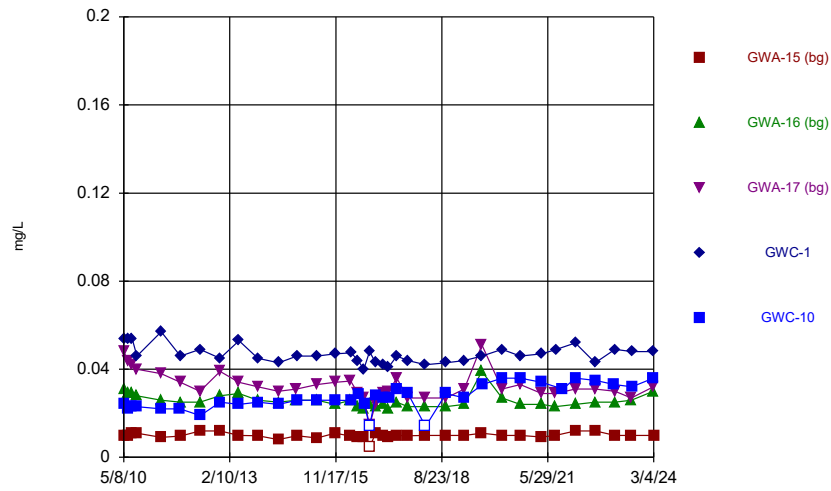
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Time Series



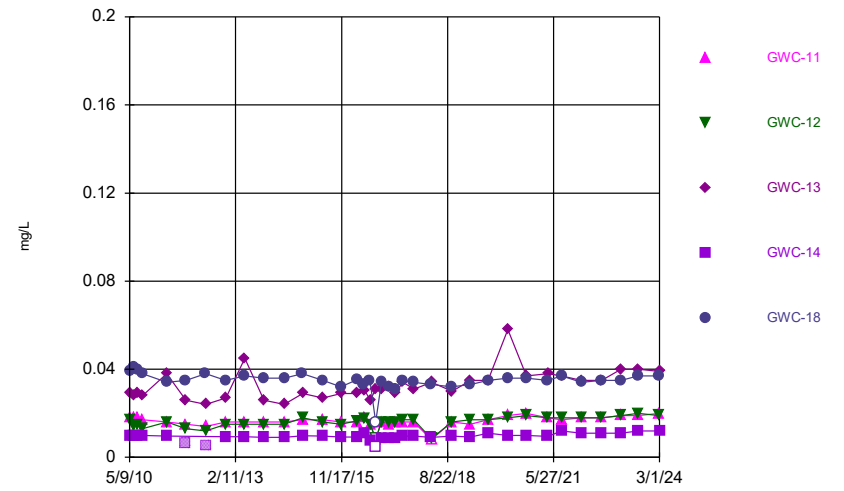
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Time Series



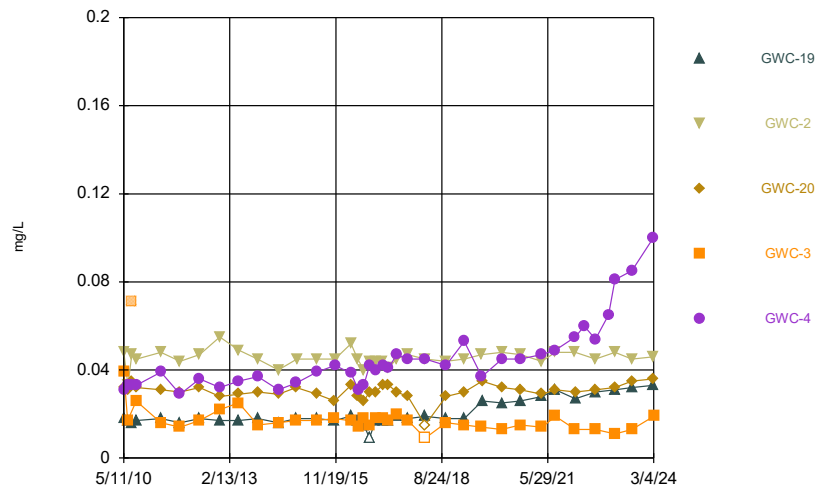
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Time Series



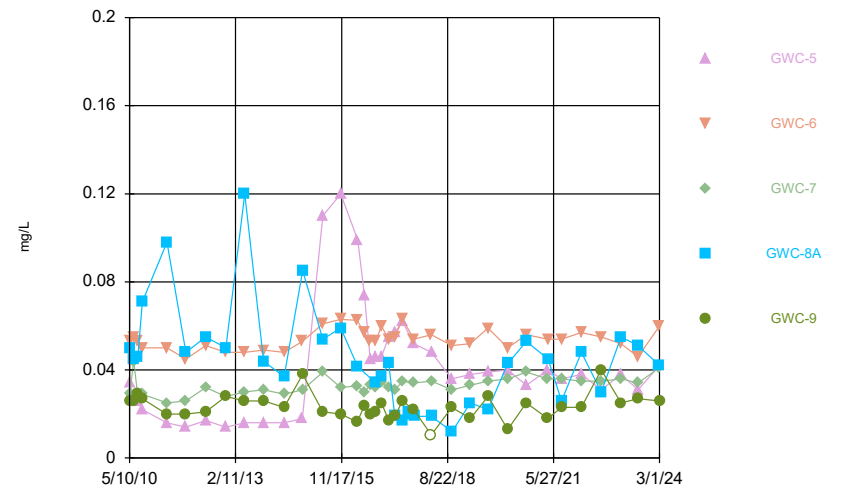
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Time Series



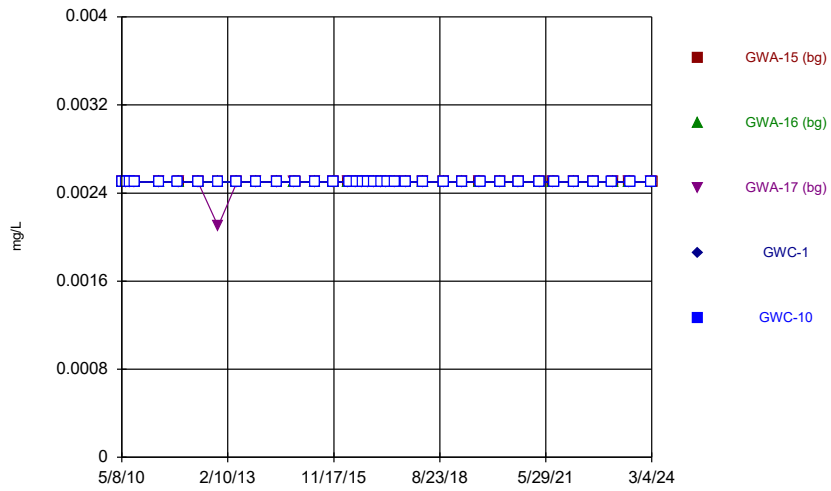
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Time Series



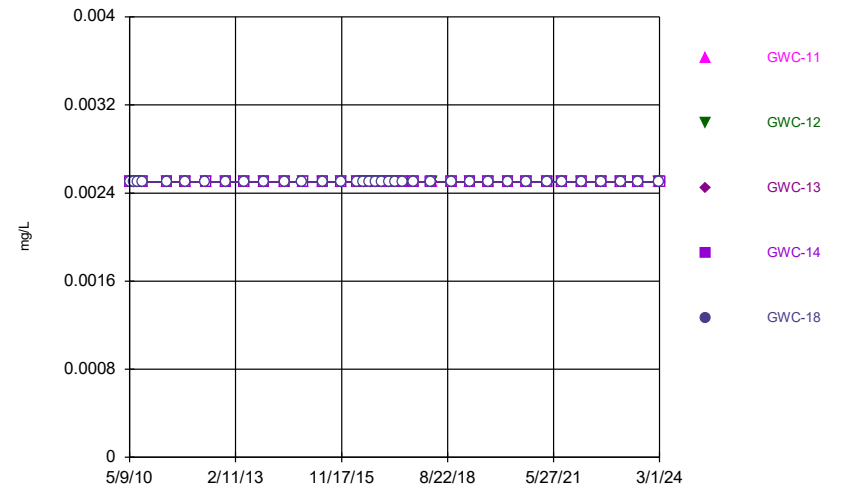
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Time Series



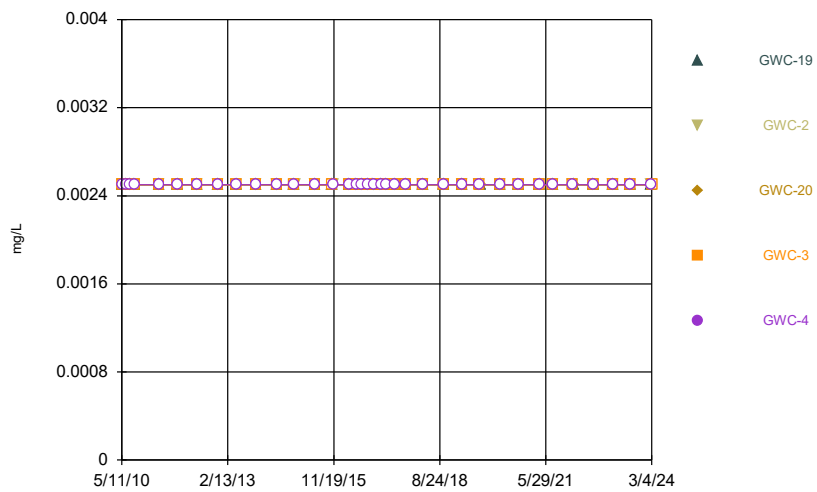
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Time Series



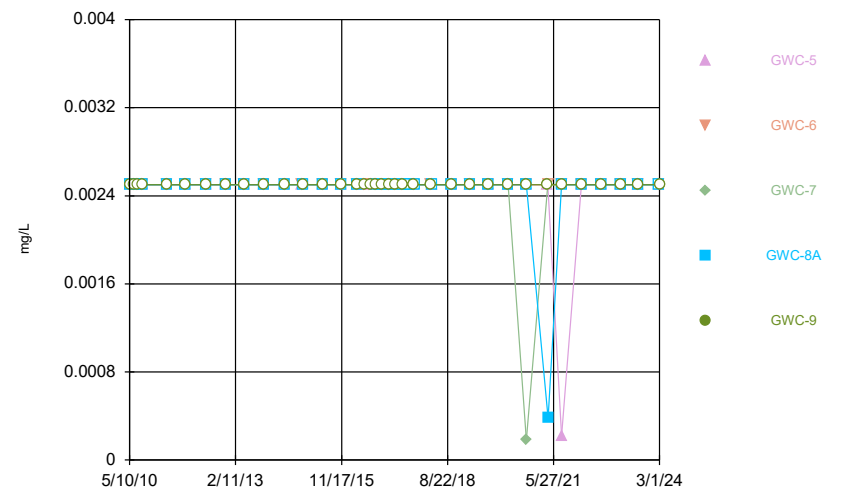
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Time Series



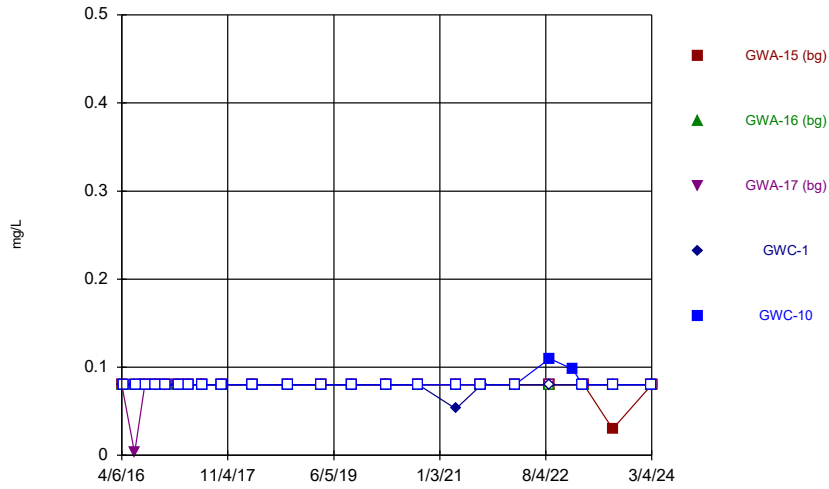
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Time Series



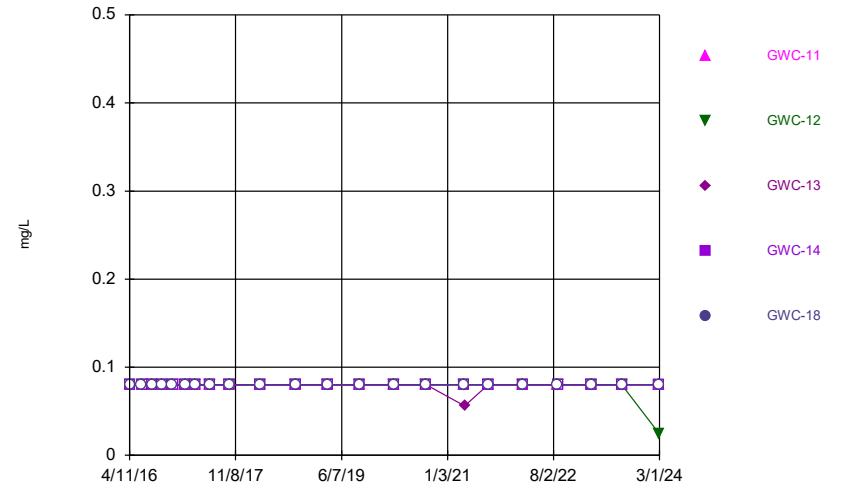
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Time Series



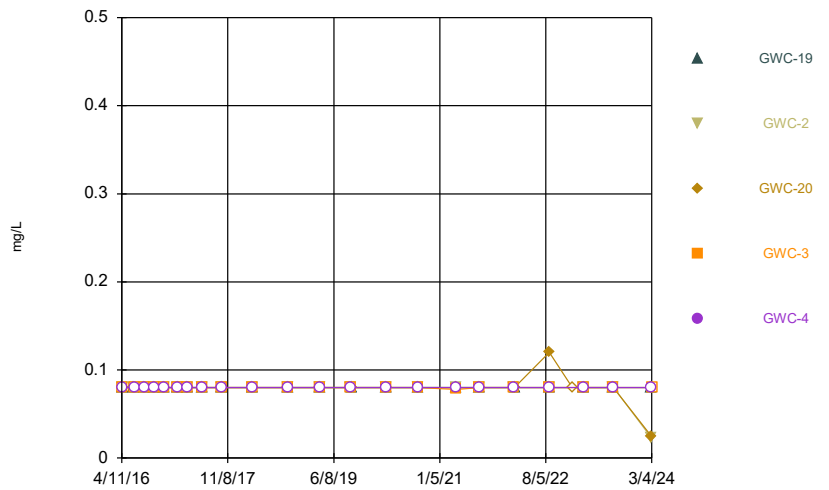
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Time Series



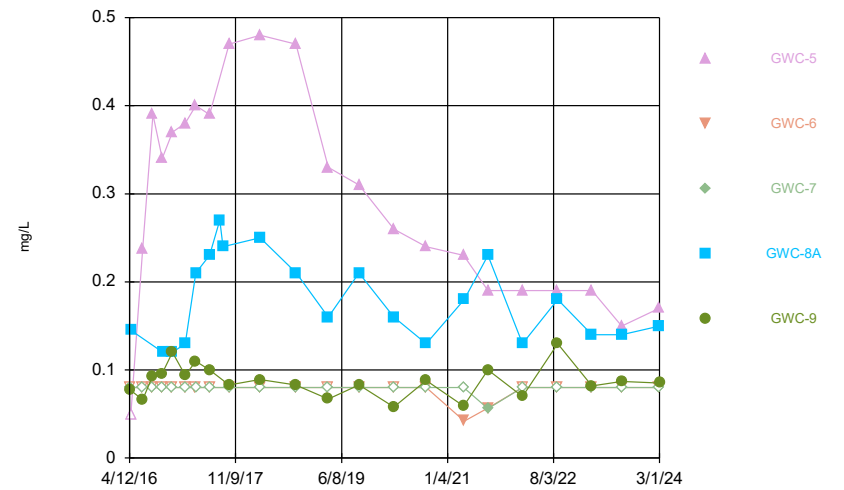
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Time Series



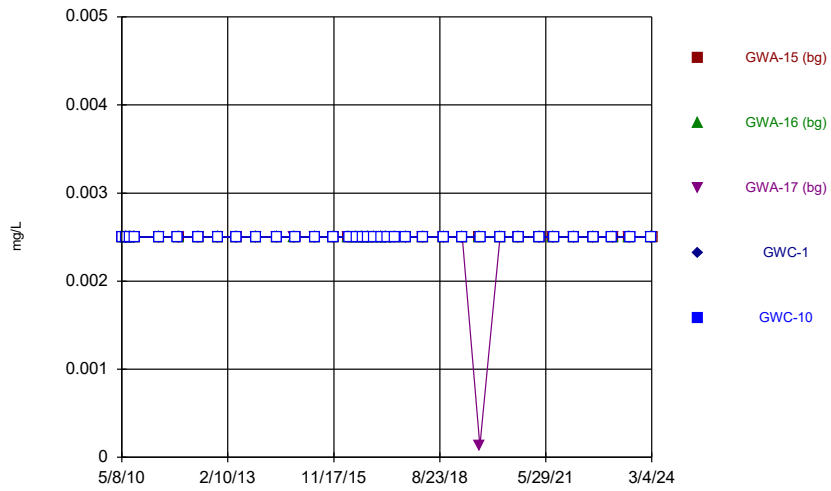
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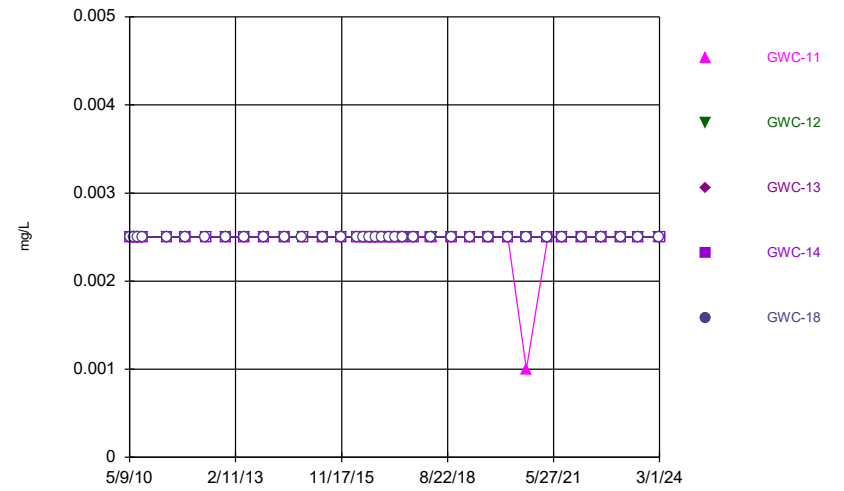


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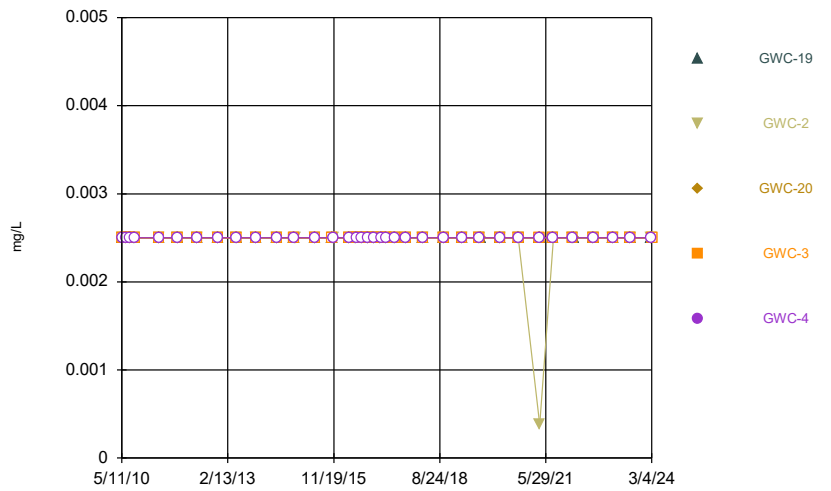
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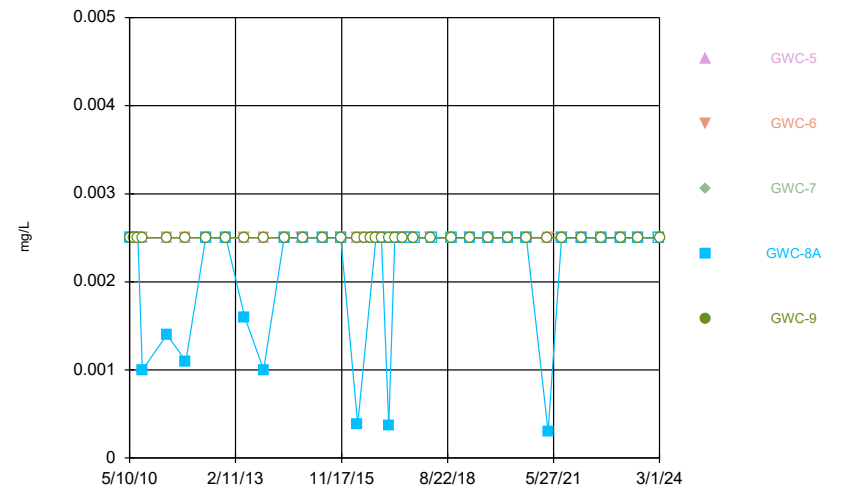
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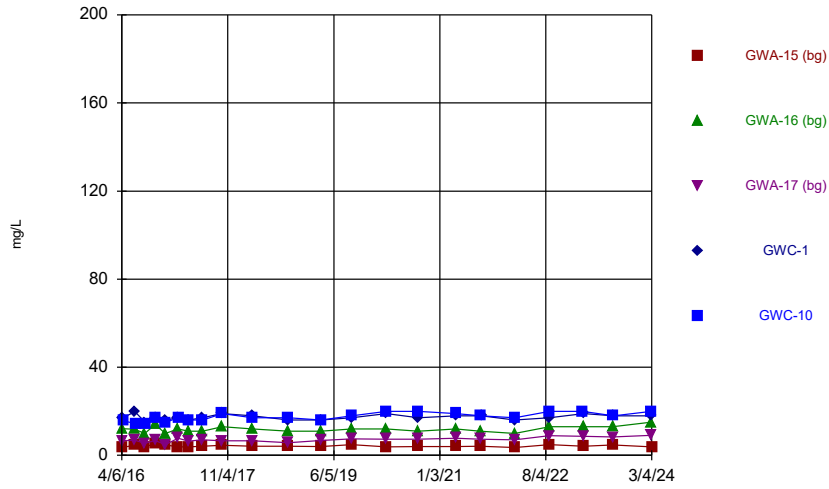
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Time Series

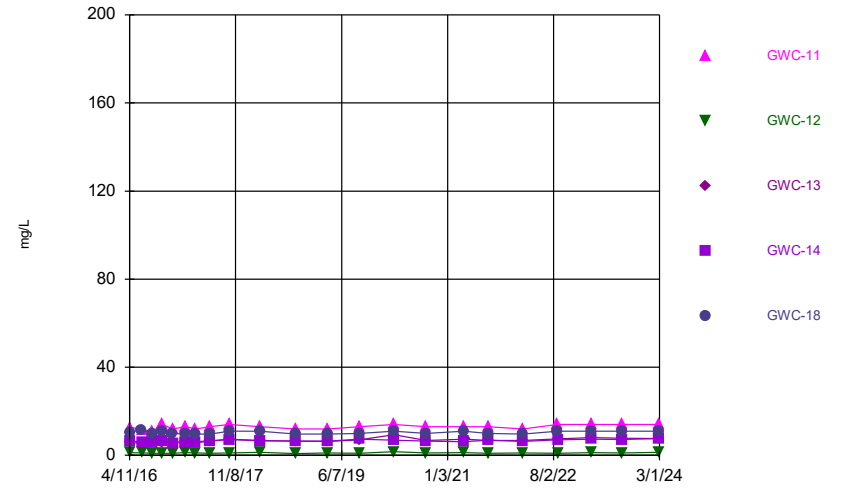


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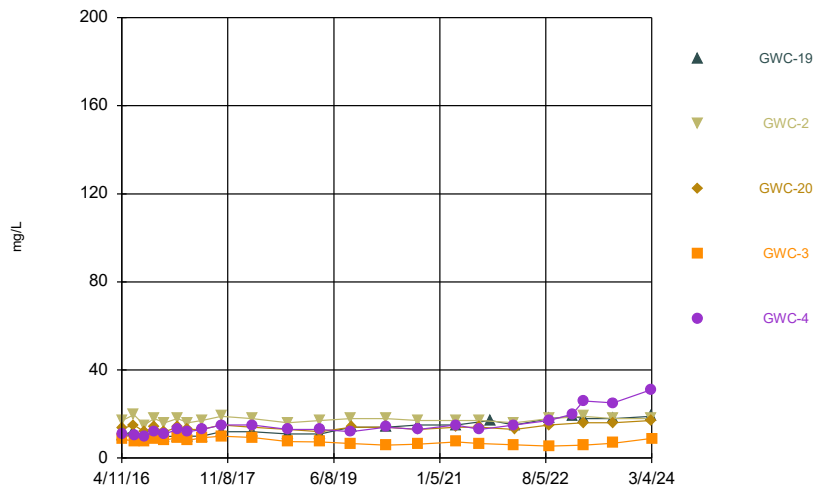
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 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



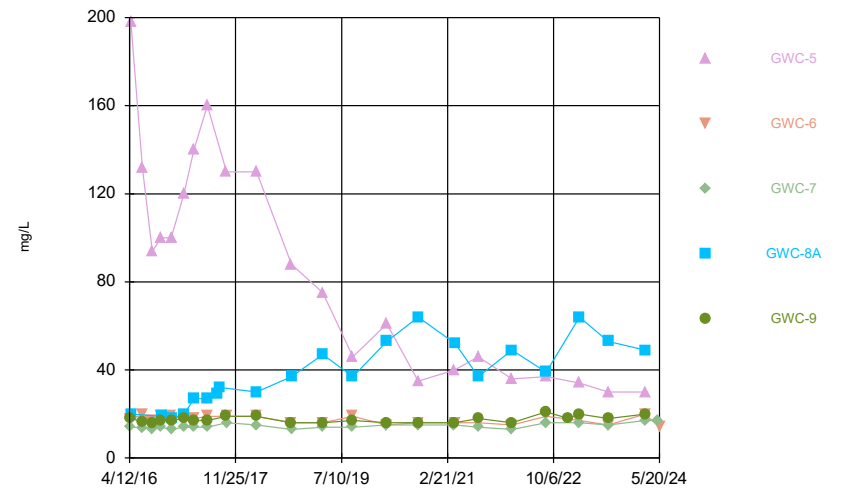
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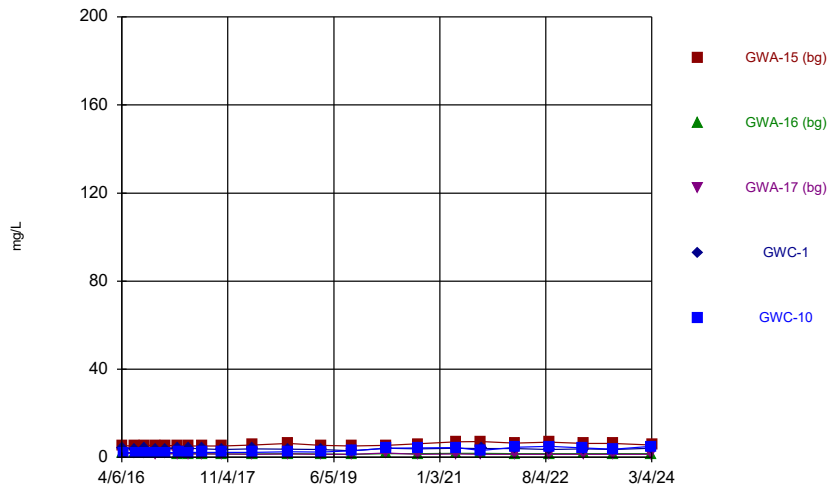
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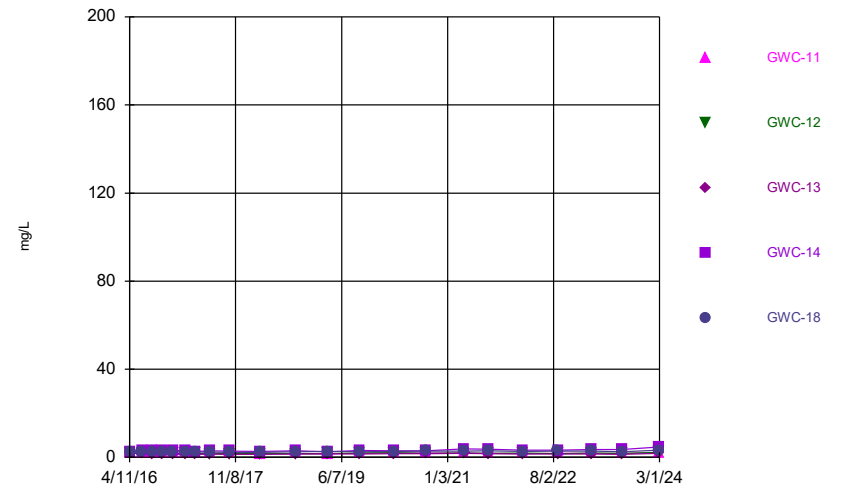
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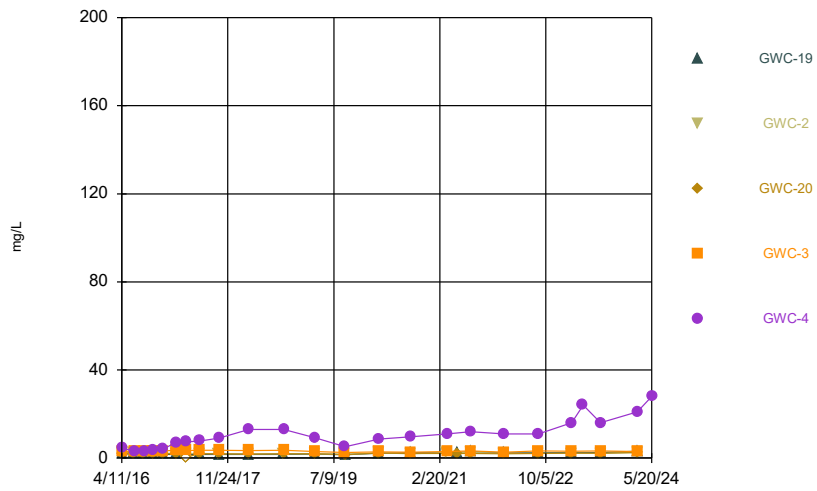
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 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



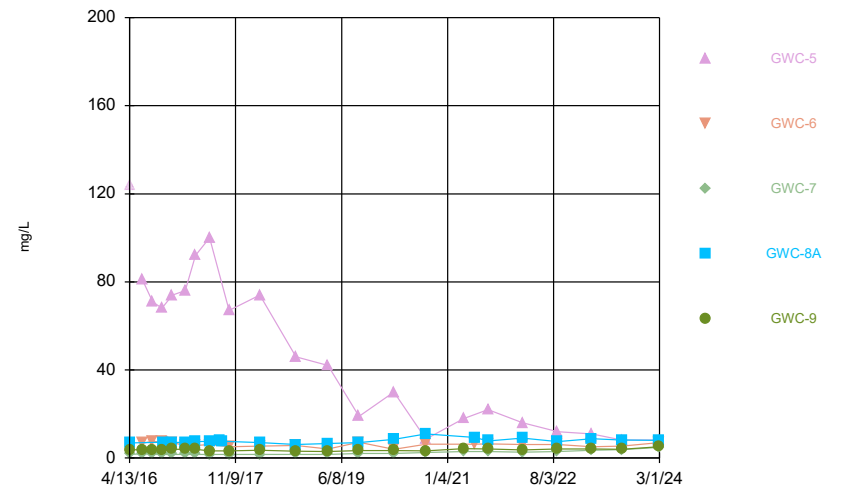
Constituent: Chloride Analysis Run 6/24/2024 1:02 PM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



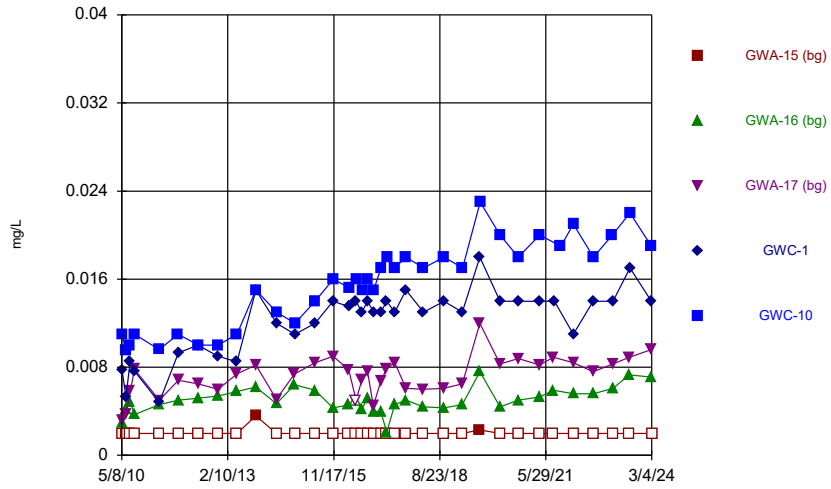
Constituent: Chloride Analysis Run 6/24/2024 1:02 PM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



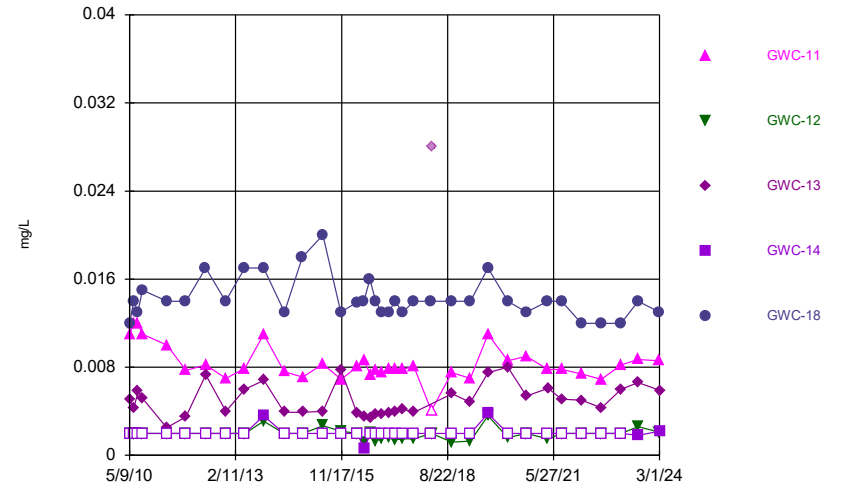
Constituent: Chloride Analysis Run 6/24/2024 1:02 PM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



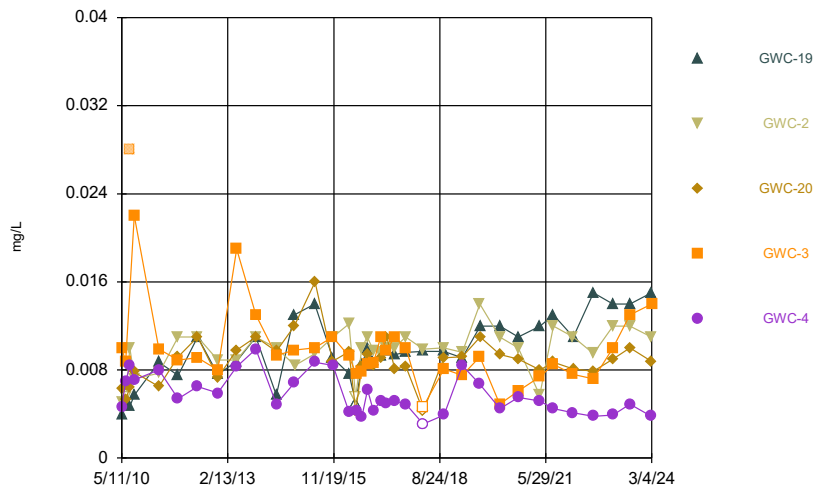
Constituent: Chromium, Total Analysis Run 6/24/2024 1:02 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



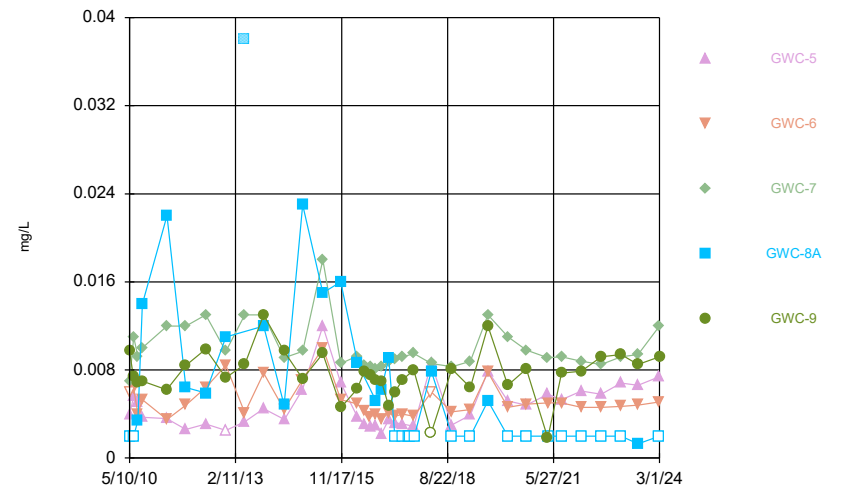
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



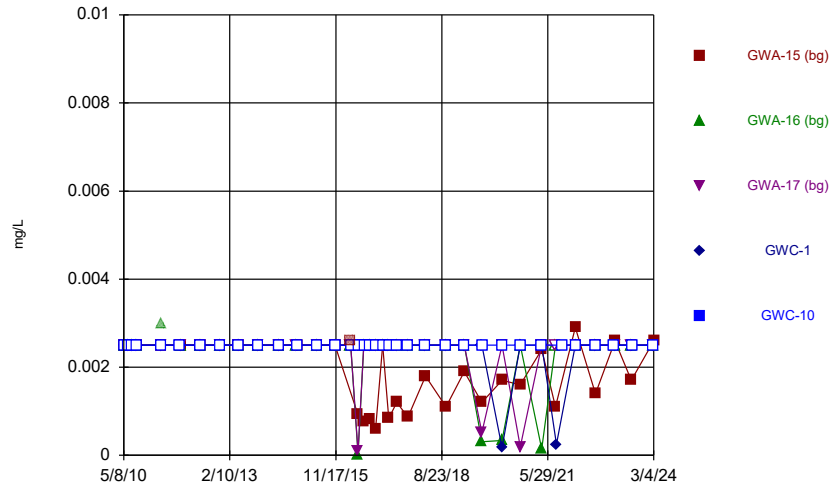
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



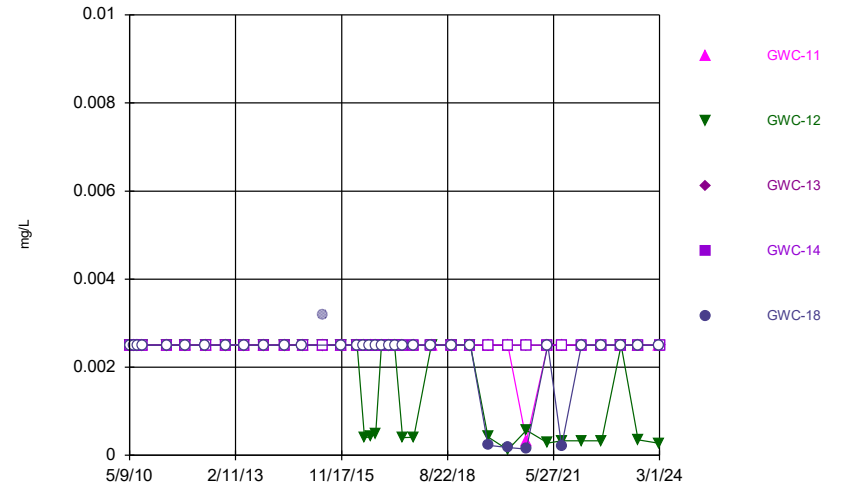
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



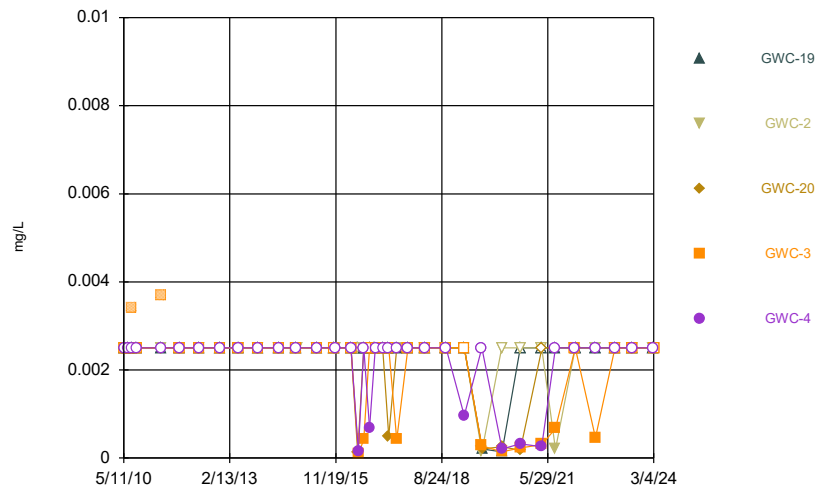
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



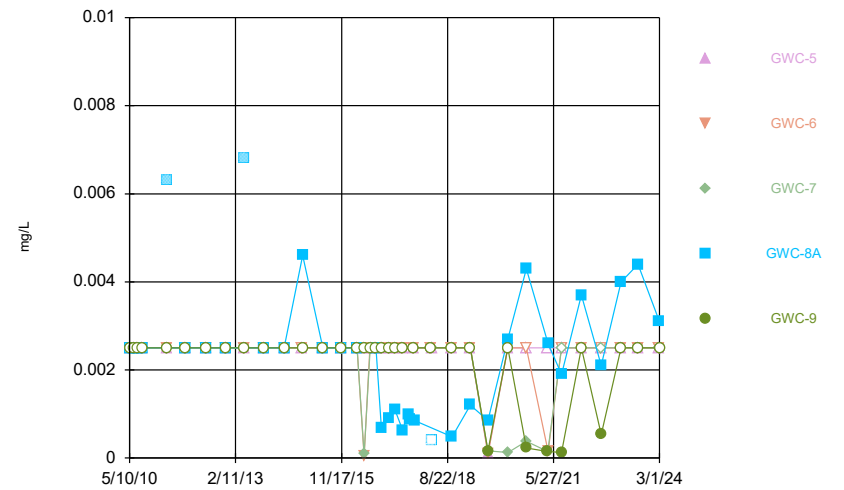
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



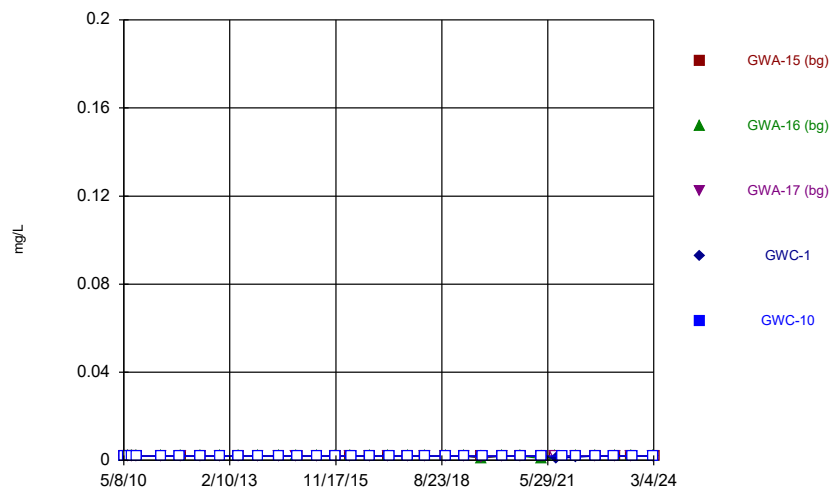
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



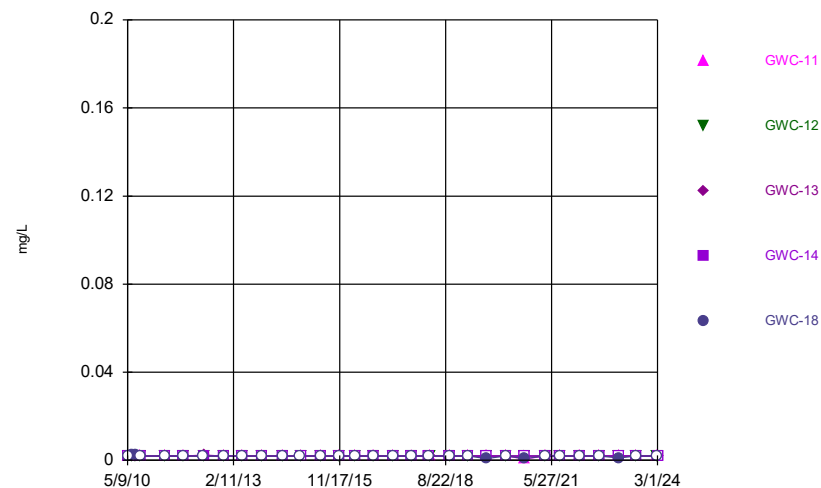
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



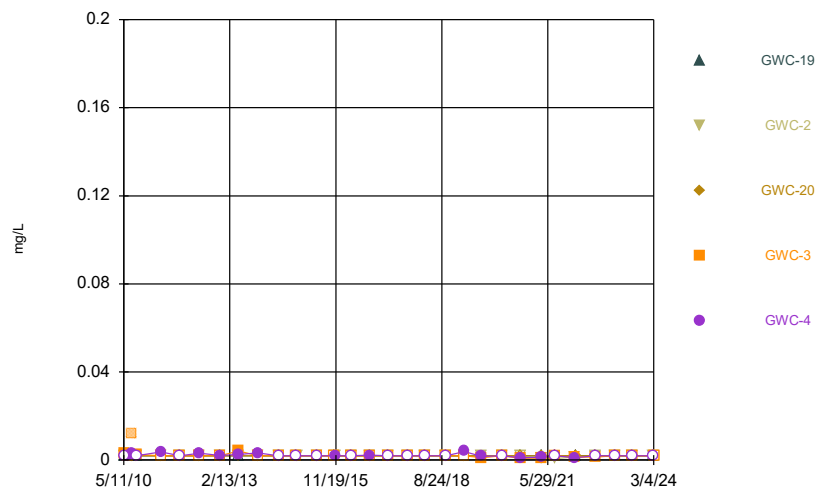
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



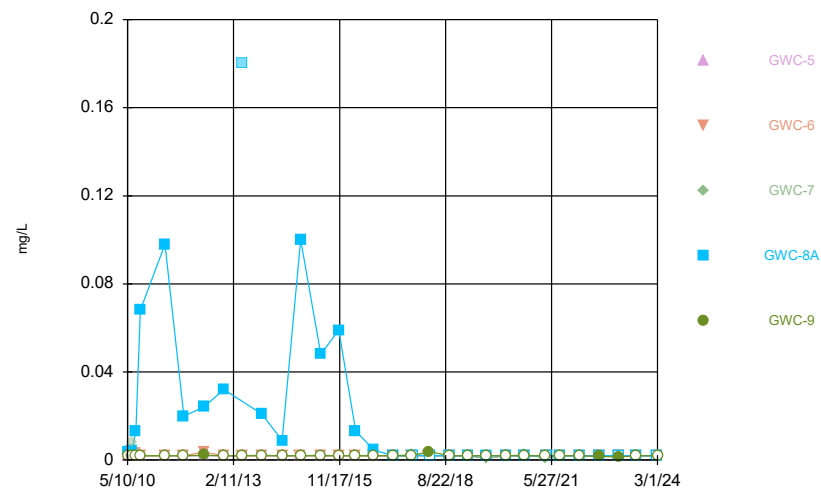
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



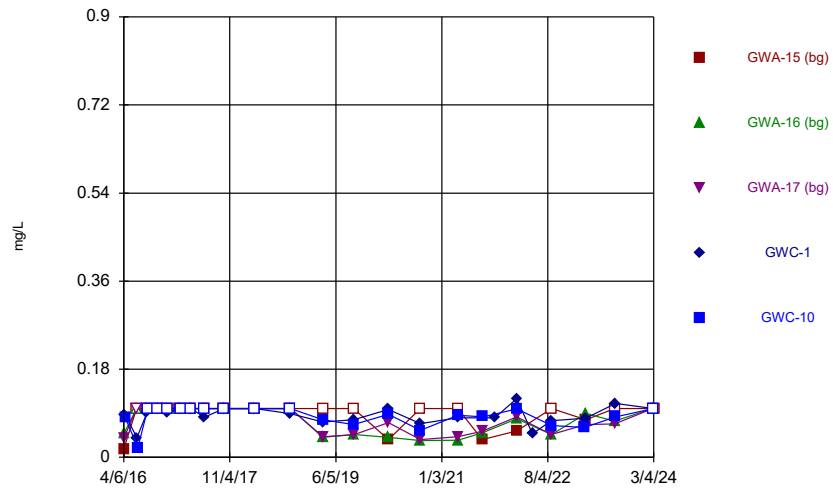
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



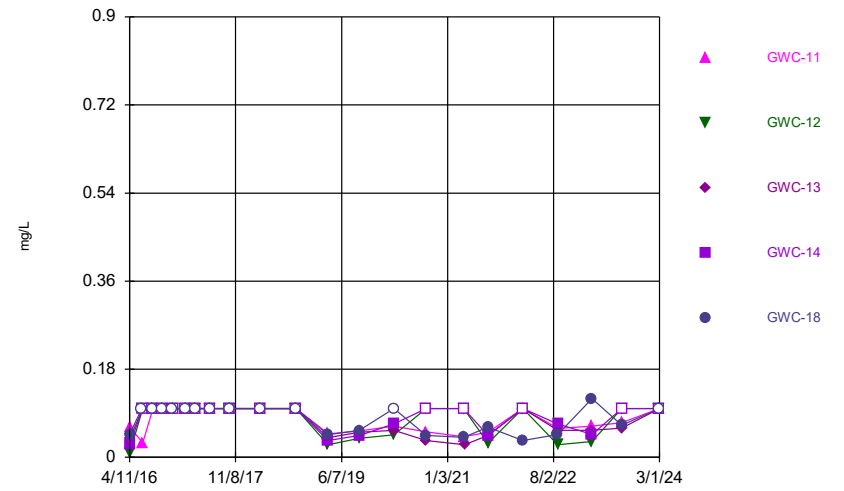
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



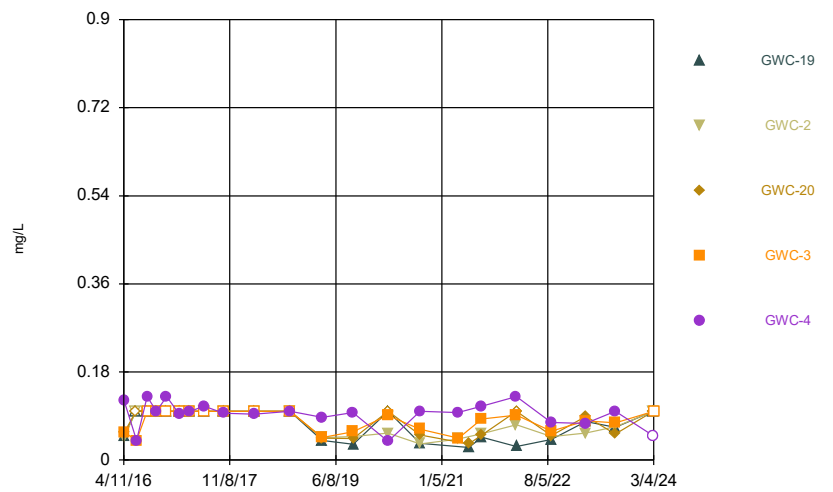
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



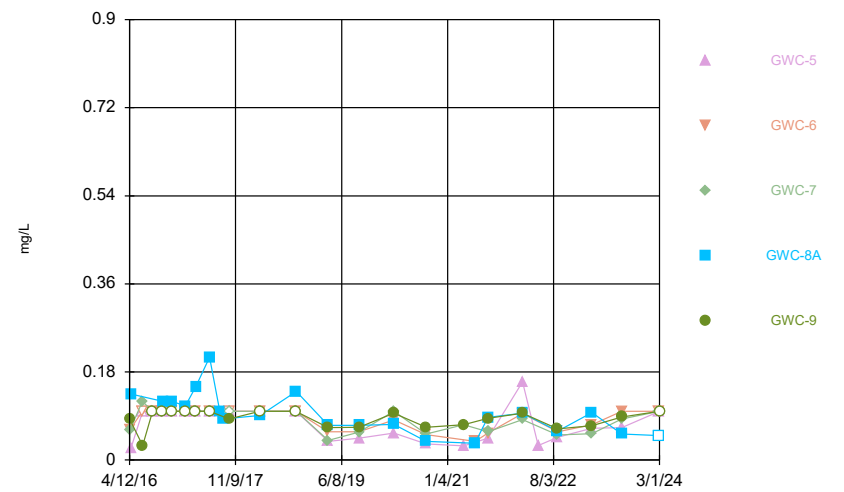
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



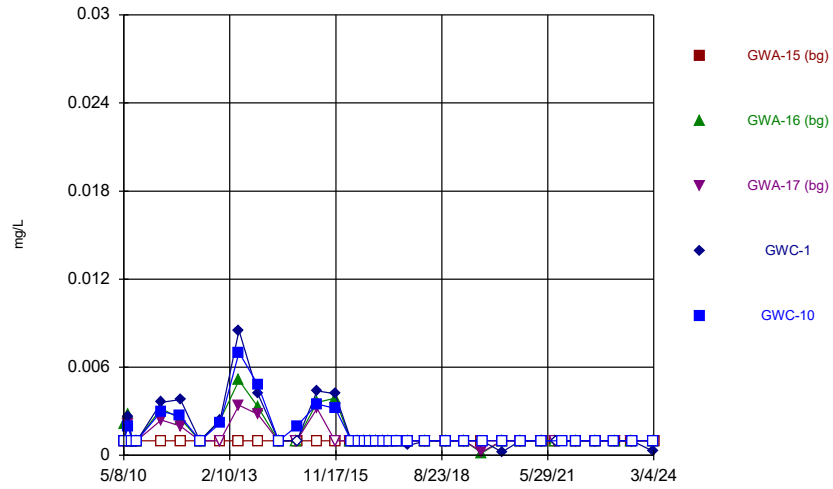
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



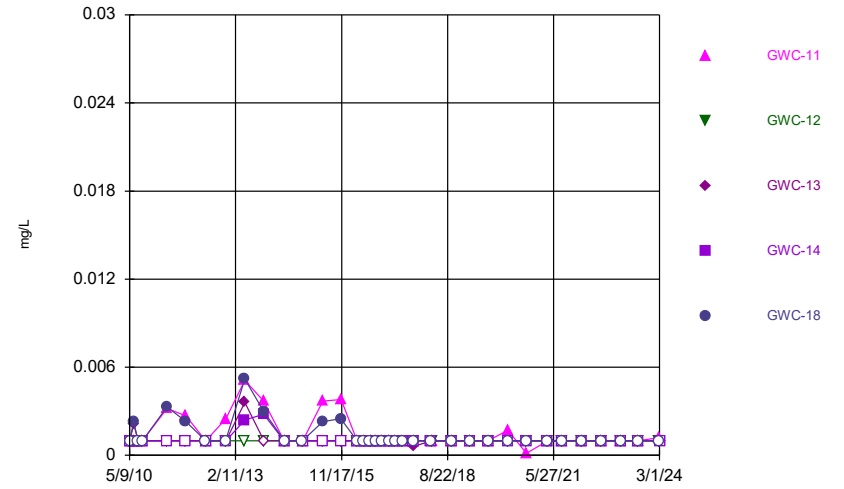
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



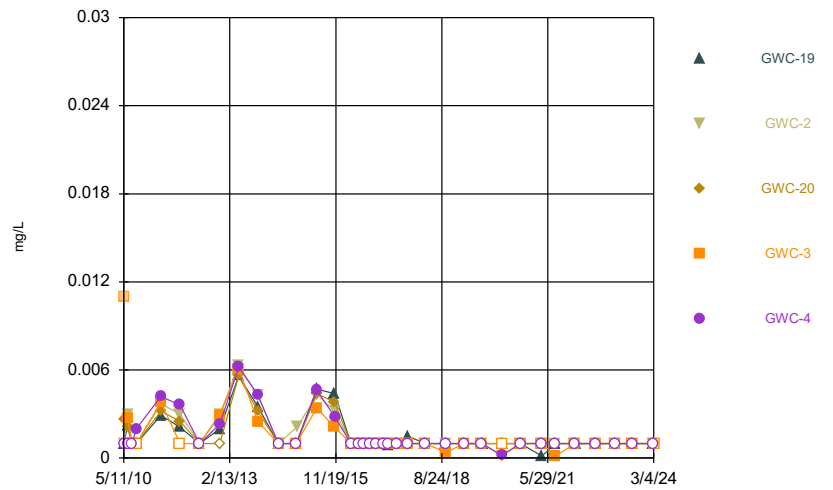
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



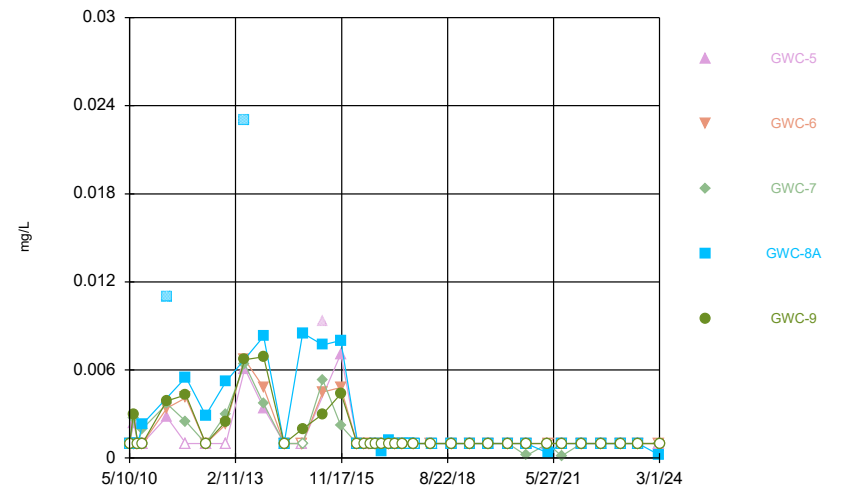
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



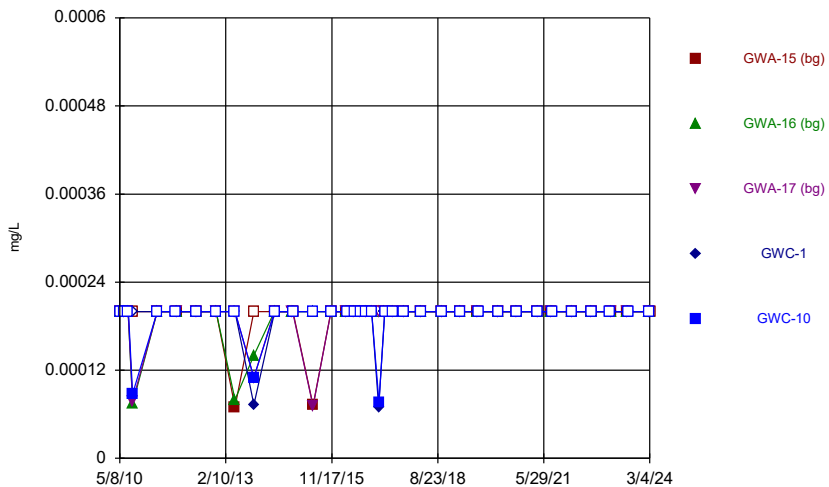
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Time Series



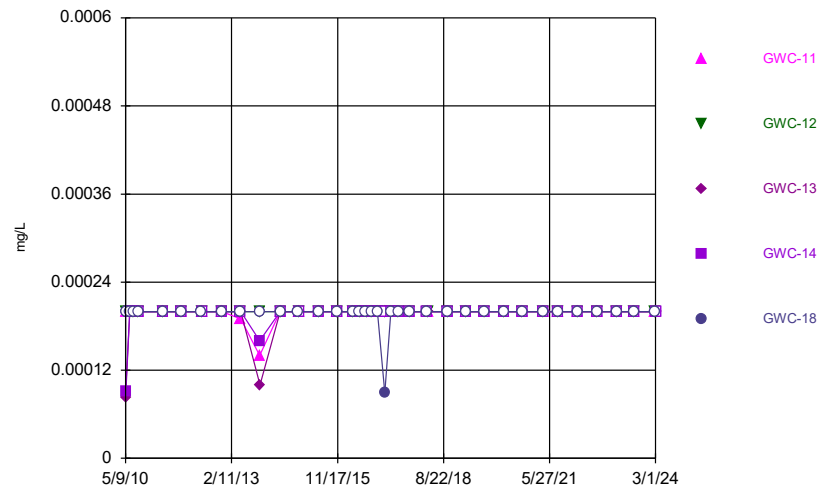
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



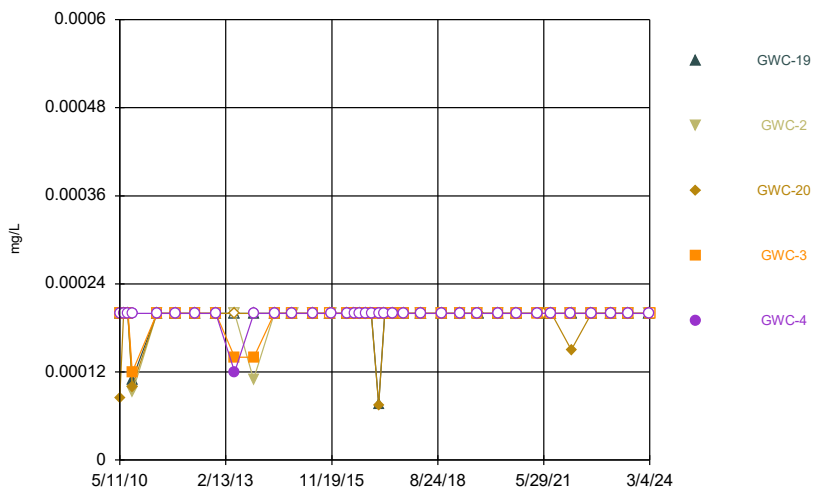
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



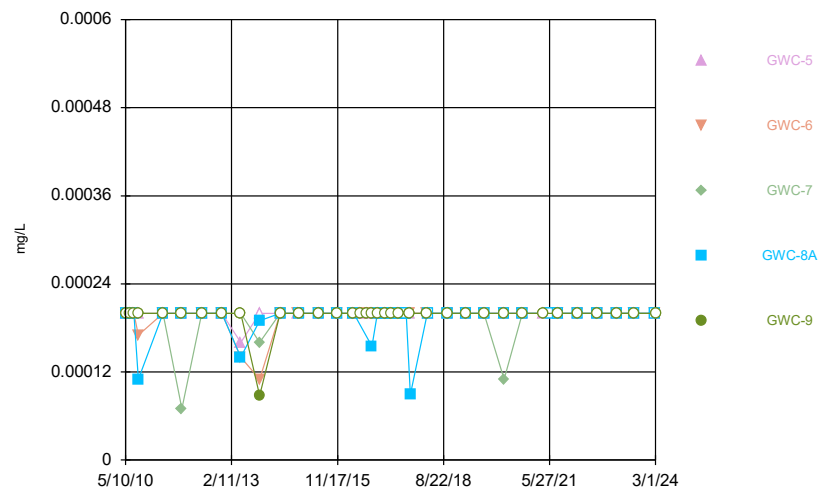
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



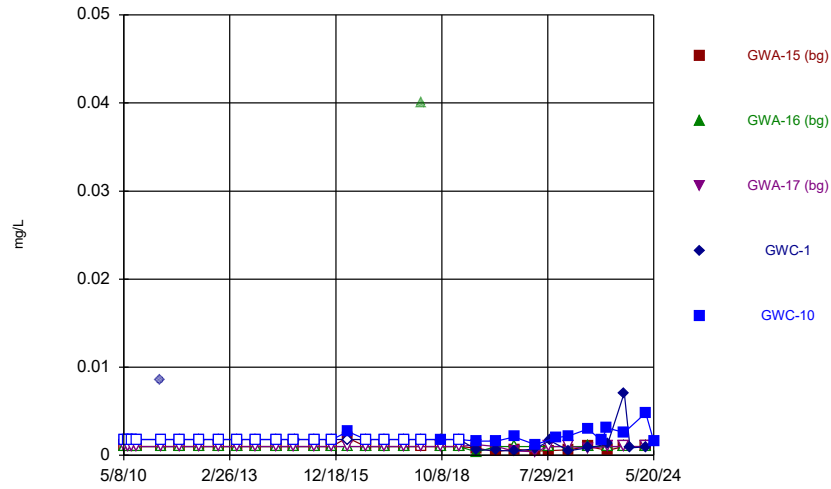
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series

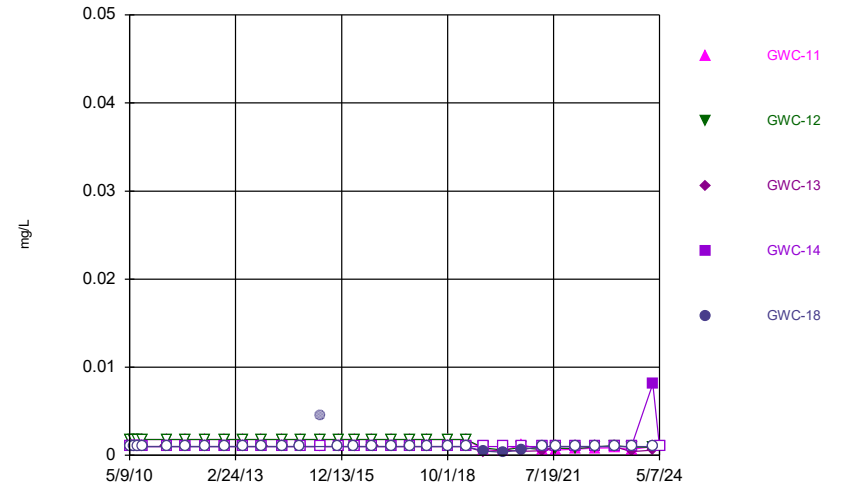


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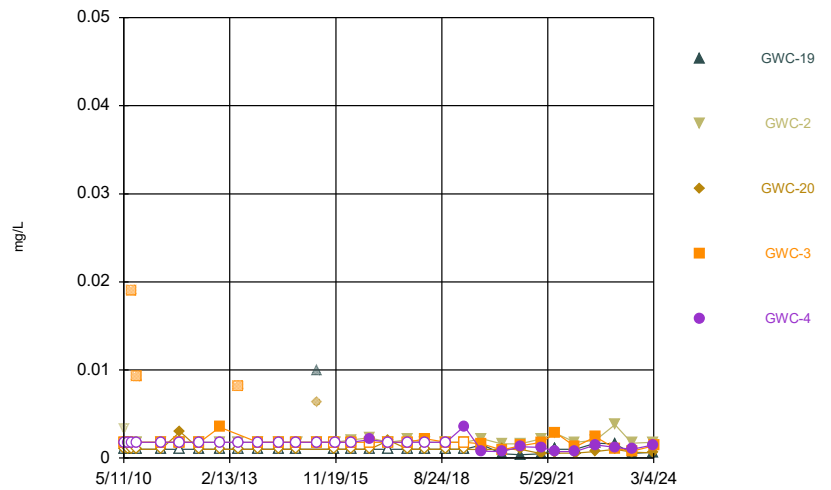
Time Series



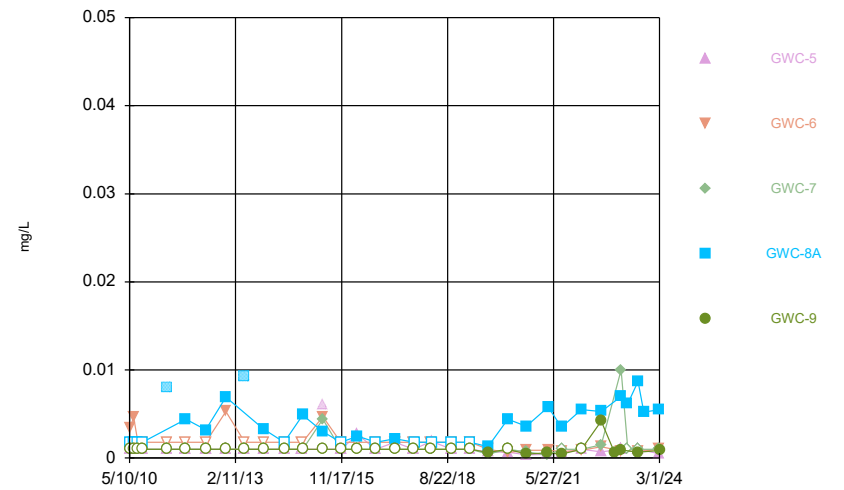
Time Series



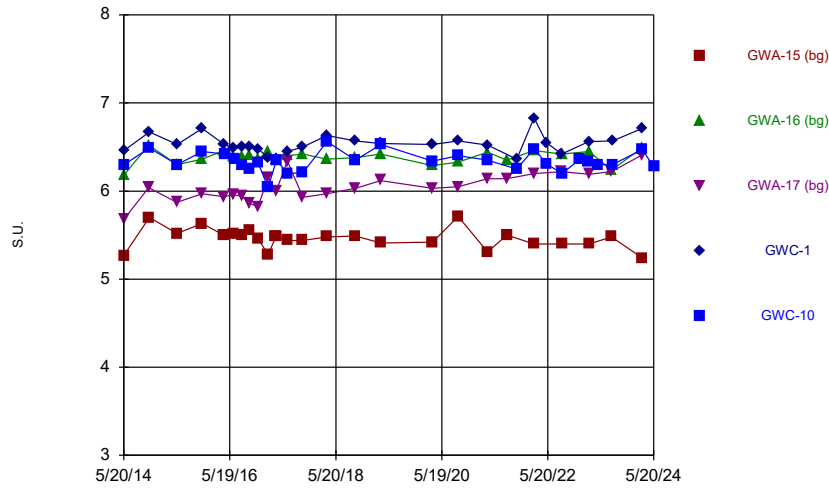
Time Series



Time Series

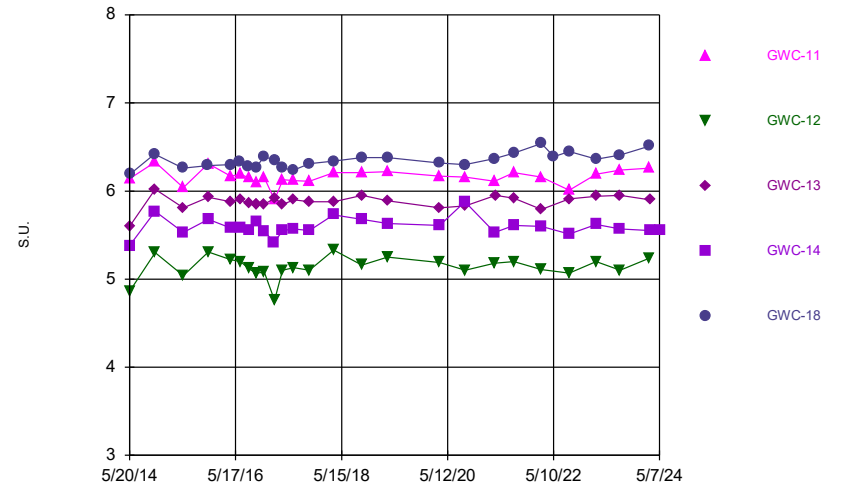


Time Series



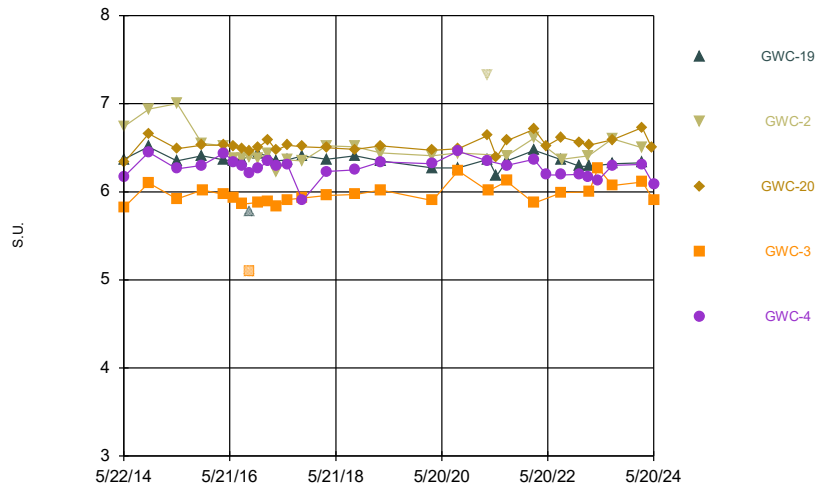
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



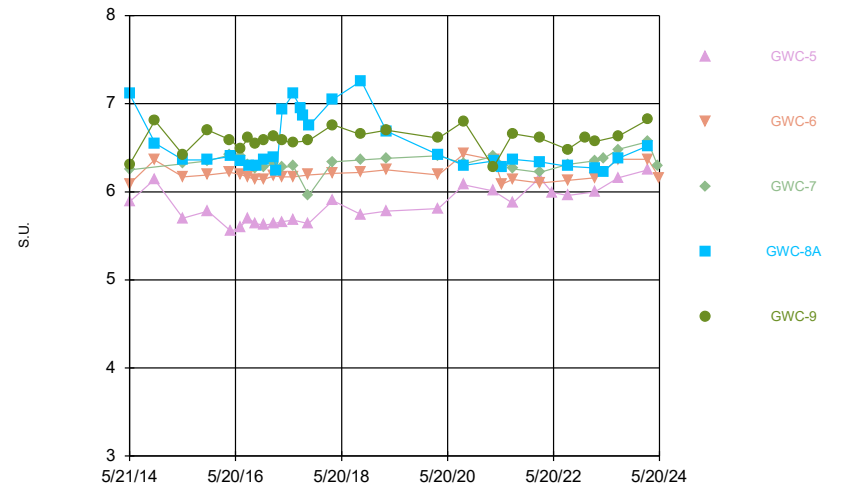
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Time Series



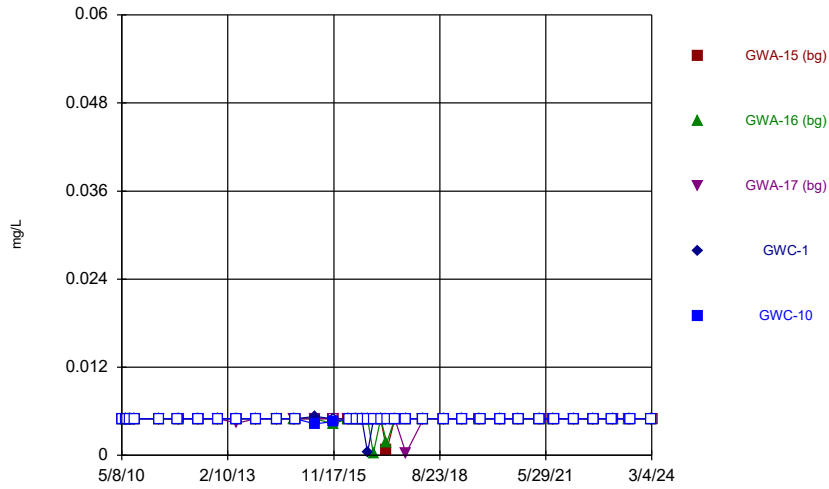
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



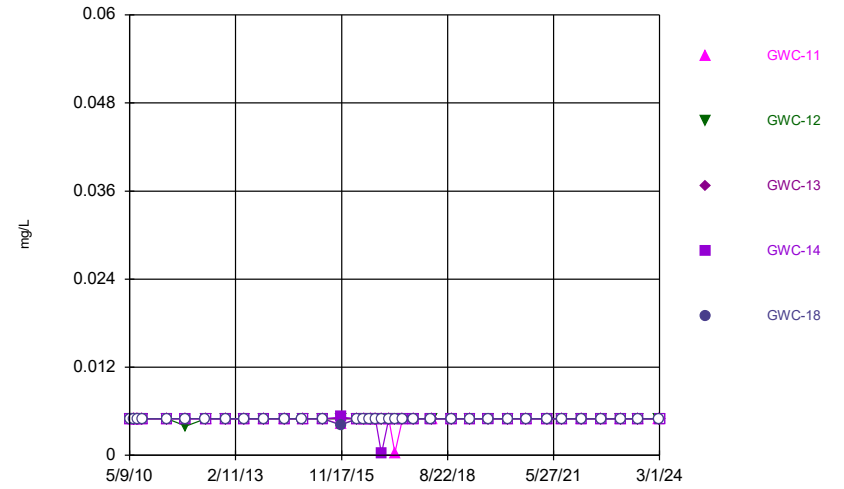
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



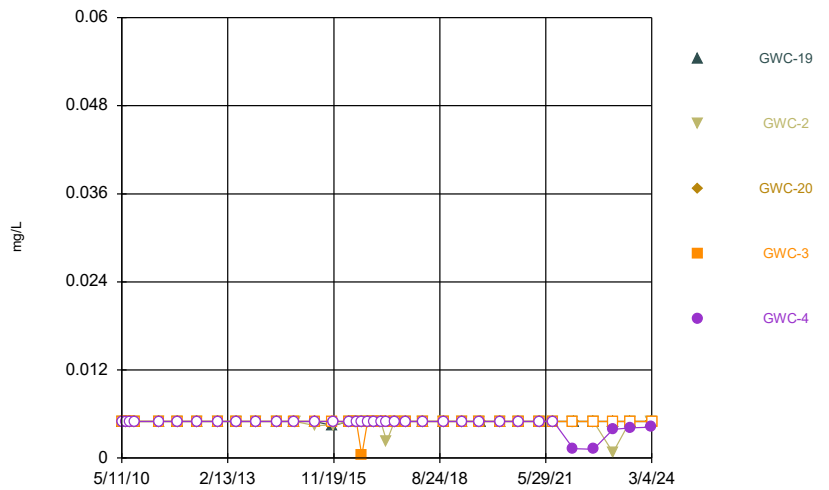
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



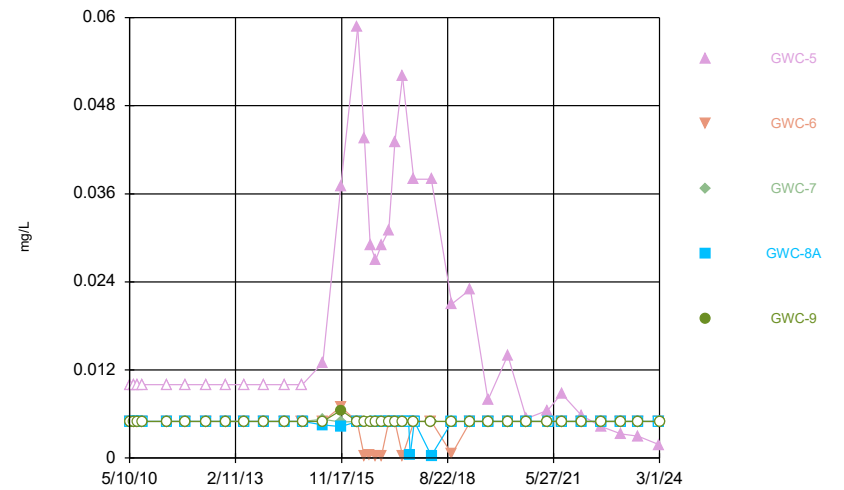
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



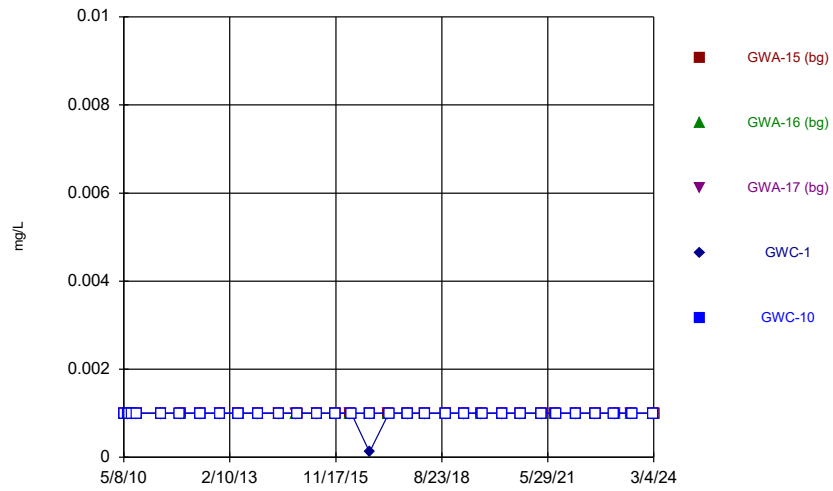
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



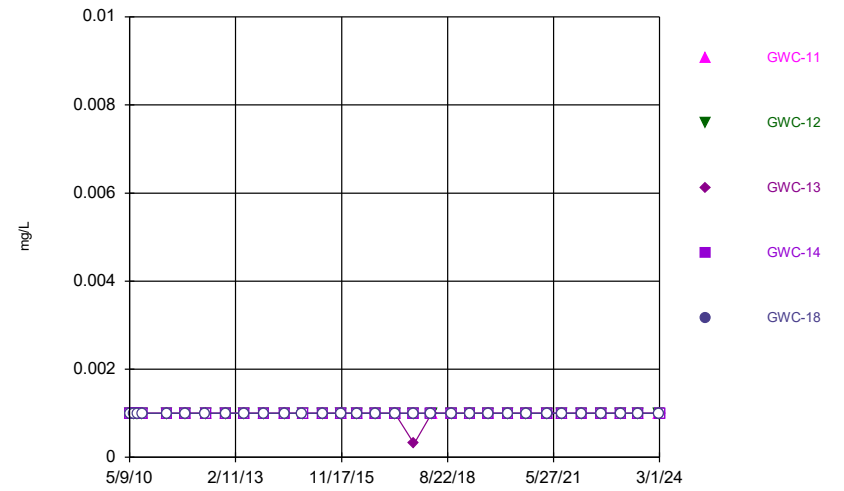
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



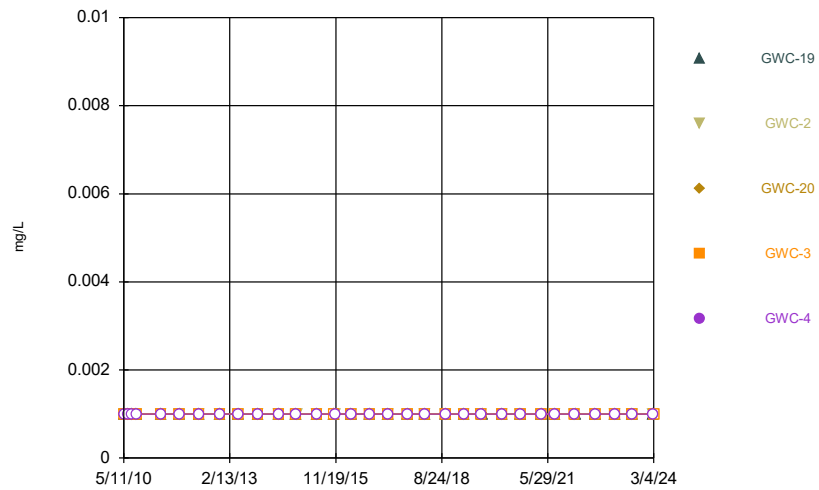
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



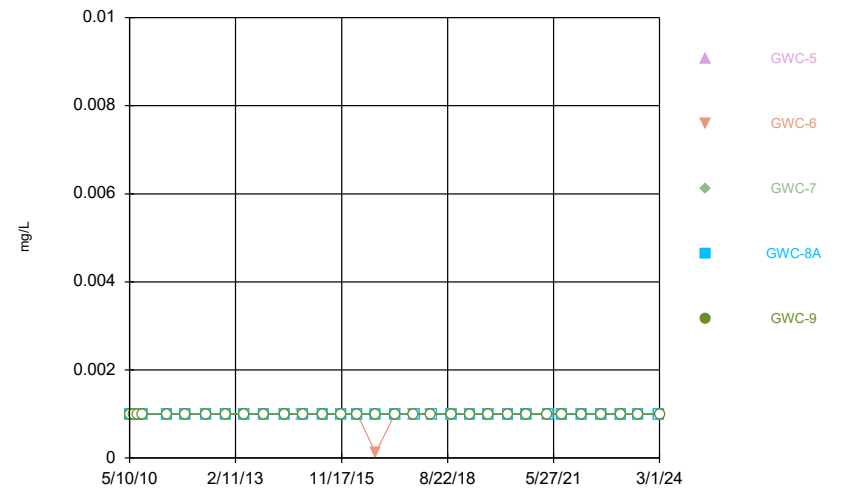
Constituent: Silver Analysis Run 6/24/2024 1:03 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



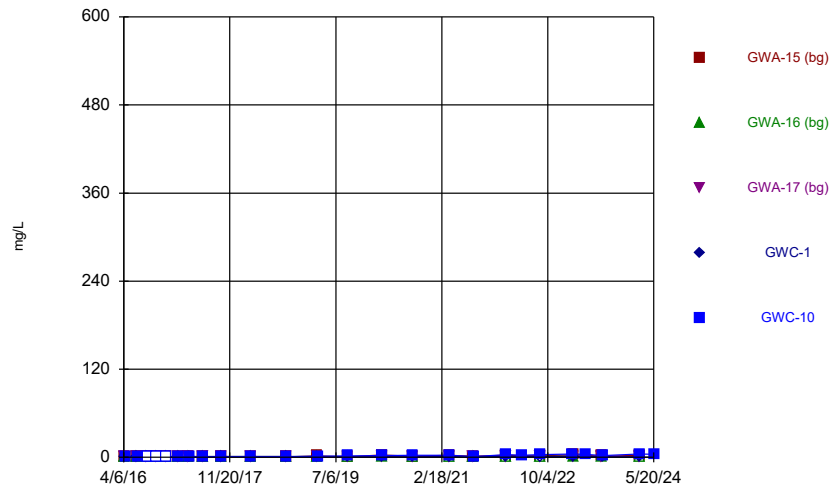
Constituent: Silver Analysis Run 6/24/2024 1:03 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



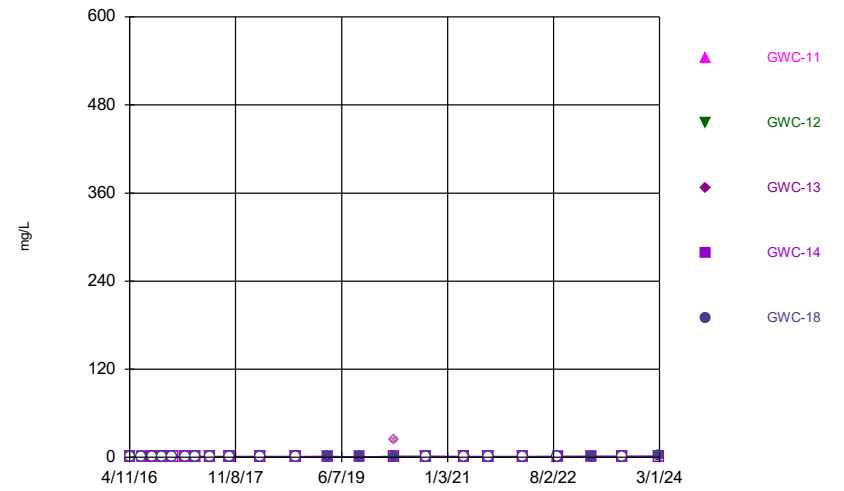
Constituent: Silver Analysis Run 6/24/2024 1:03 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



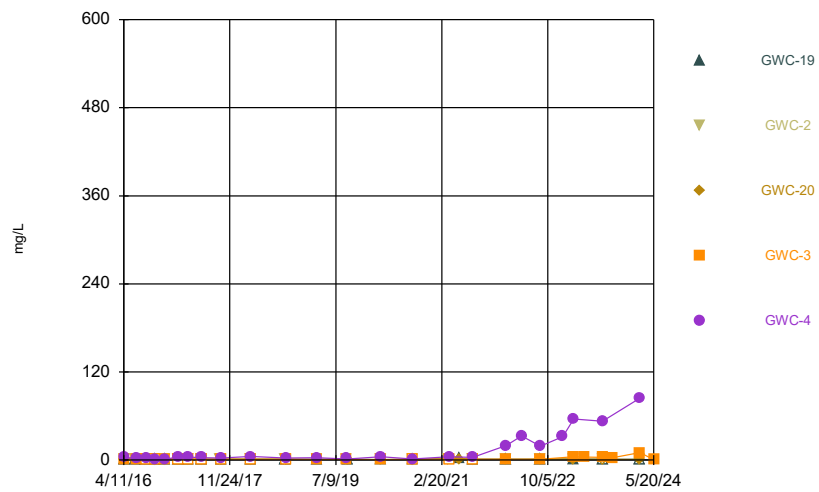
Constituent: Sulfate Analysis Run 6/24/2024 1:03 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



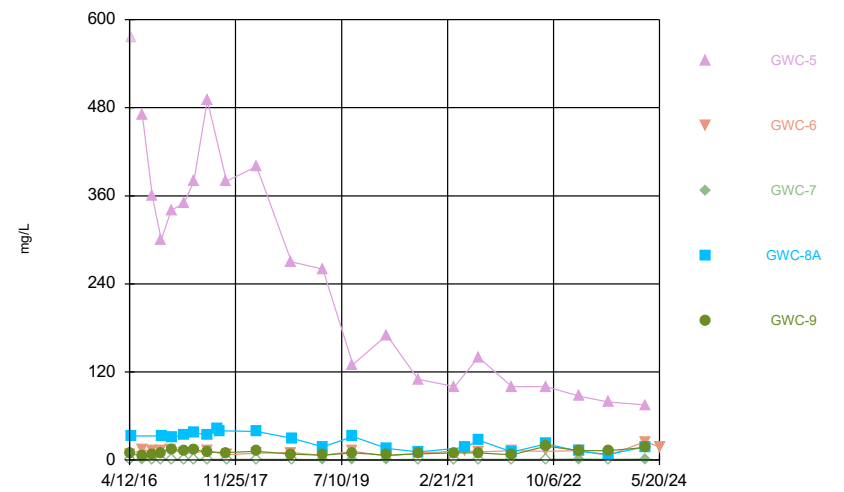
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



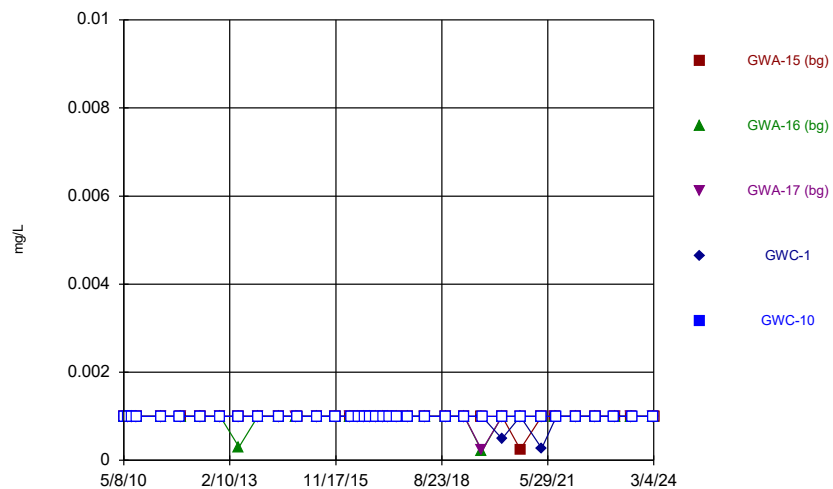
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



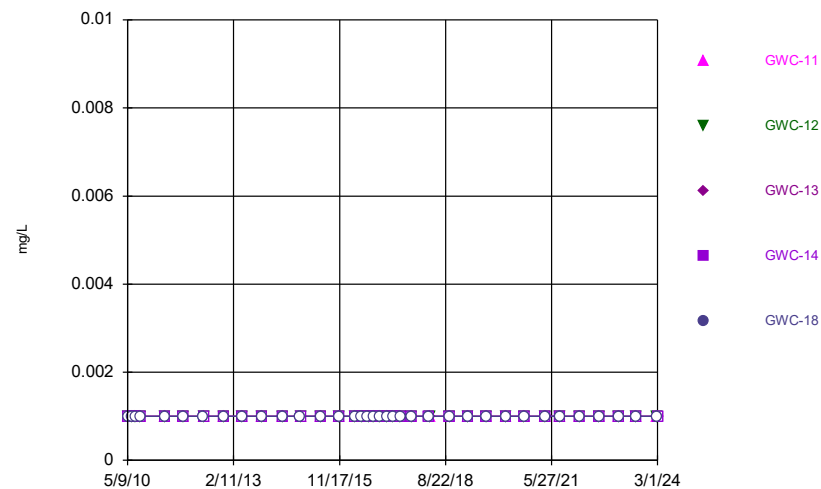
Constituent: Sulfate Analysis Run 6/24/2024 1:03 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



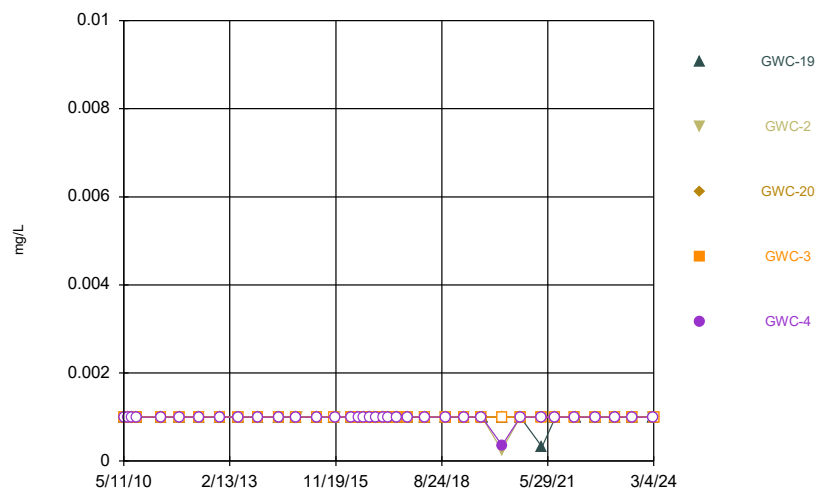
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



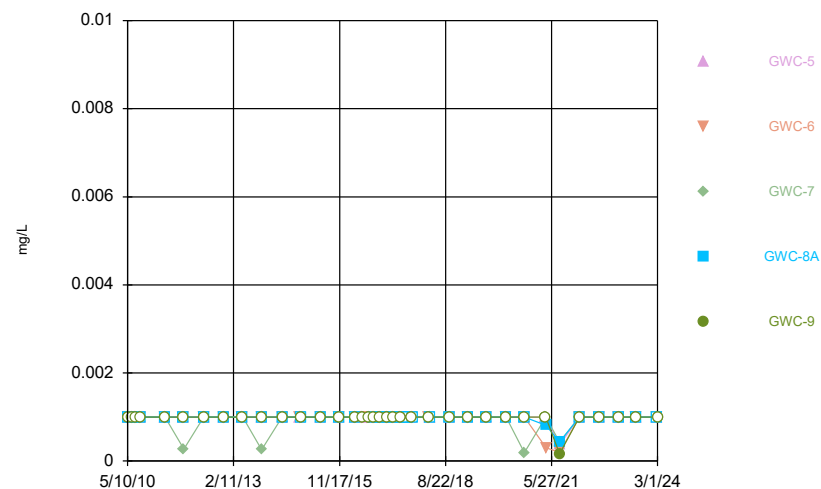
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



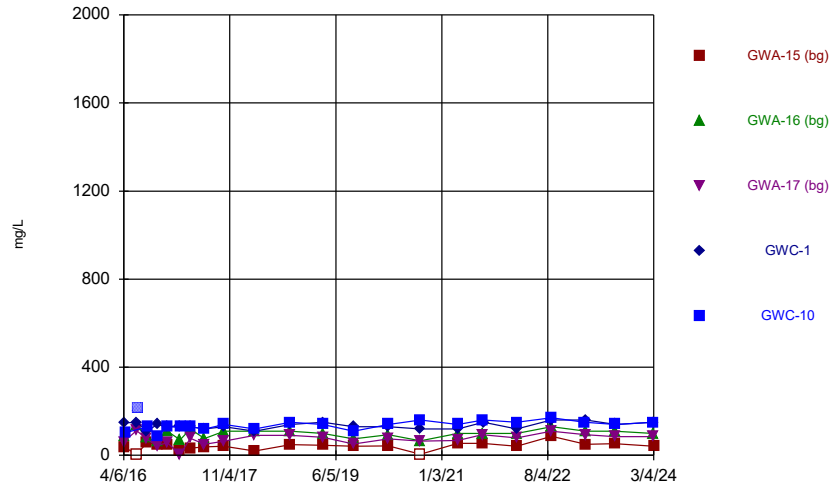
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



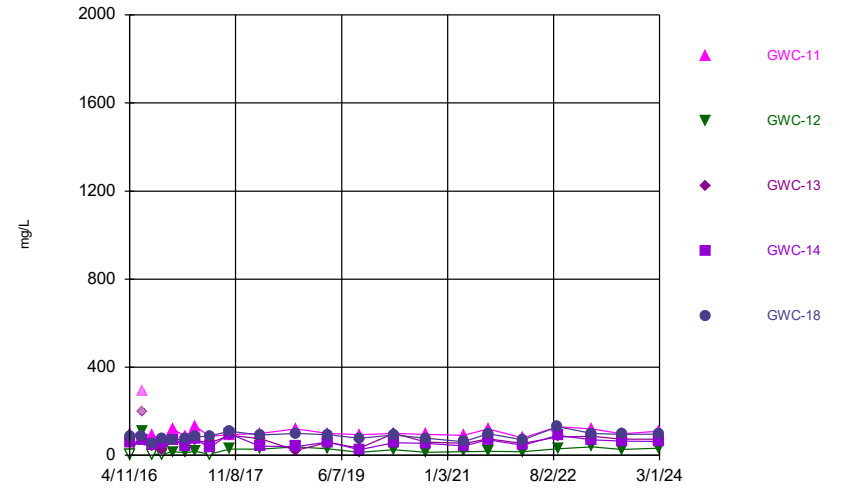
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



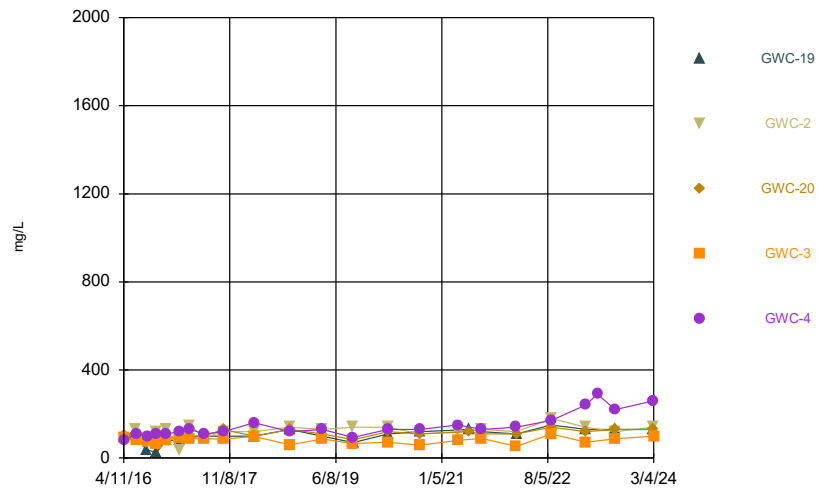
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



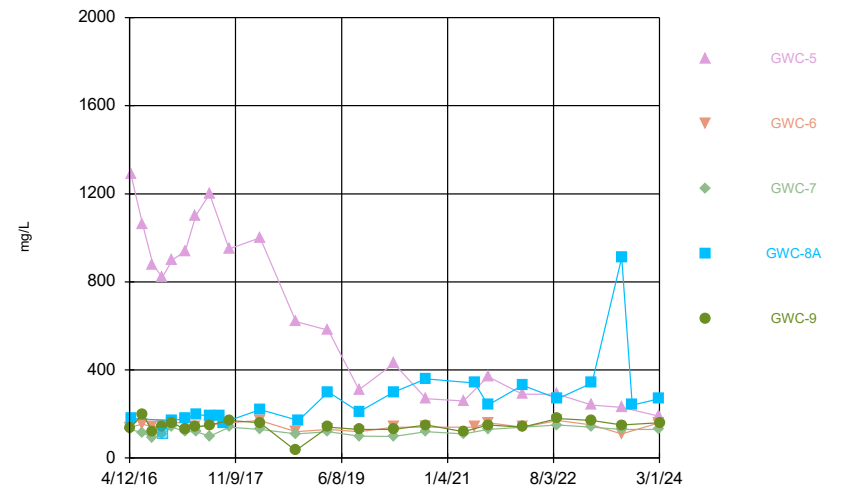
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



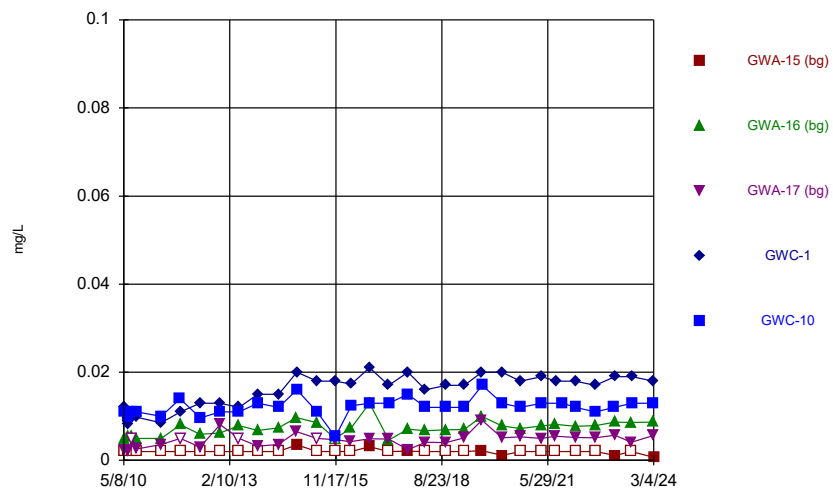
Constituent: Total Dissolved Solids Analysis Run 6/24/2024 1:03 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



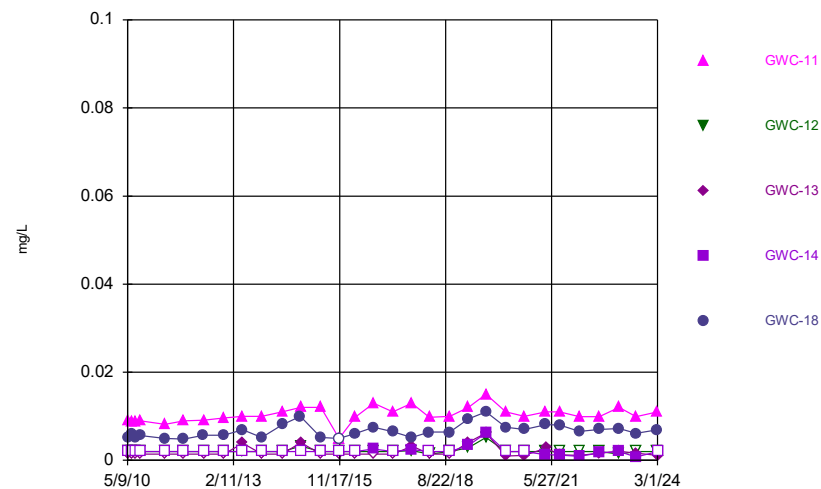
Constituent: Total Dissolved Solids Analysis Run 6/24/2024 1:03 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



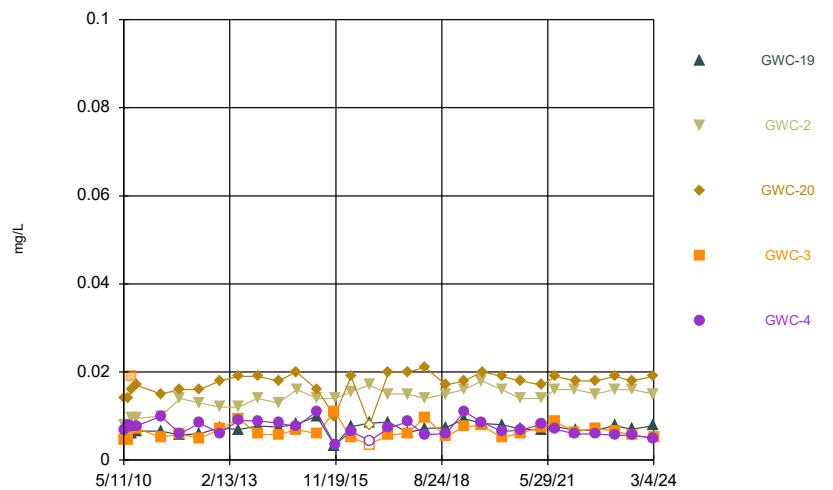
Constituent: Vanadium Analysis Run 6/24/2024 1:03 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



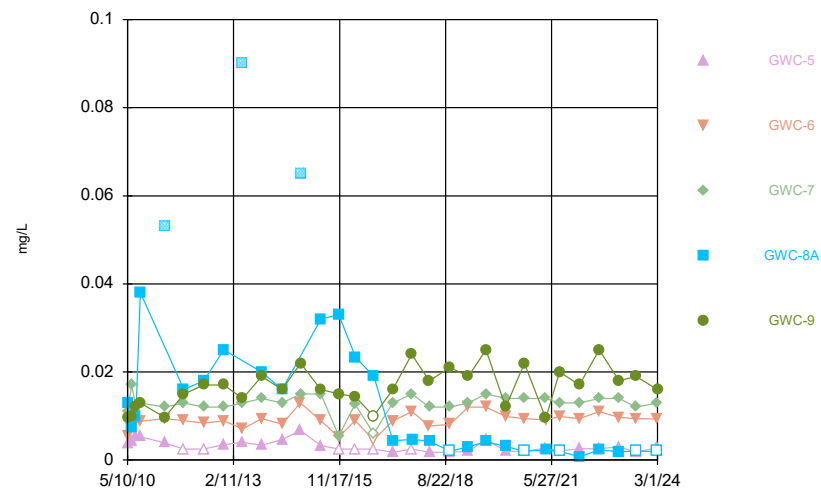
Constituent: Vanadium Analysis Run 6/24/2024 1:03 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



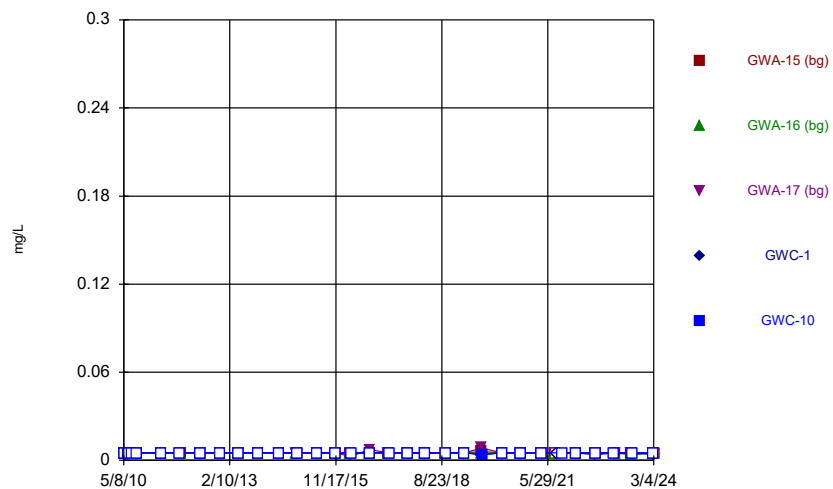
Constituent: Vanadium Analysis Run 6/24/2024 1:03 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



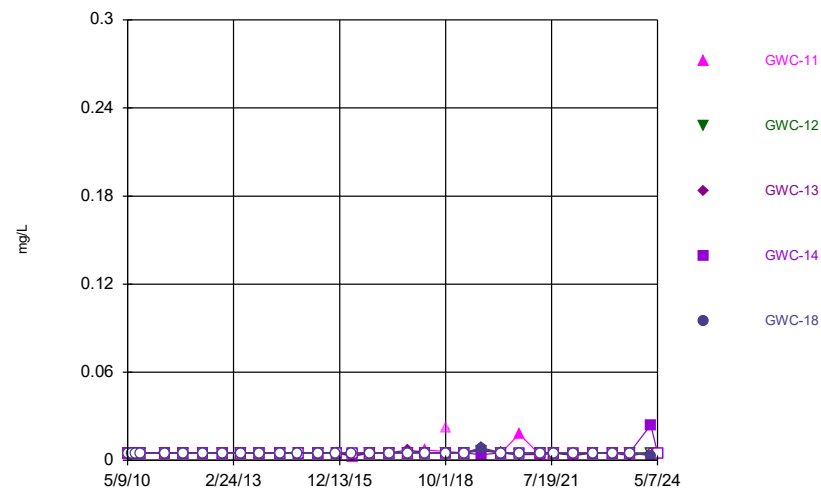
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



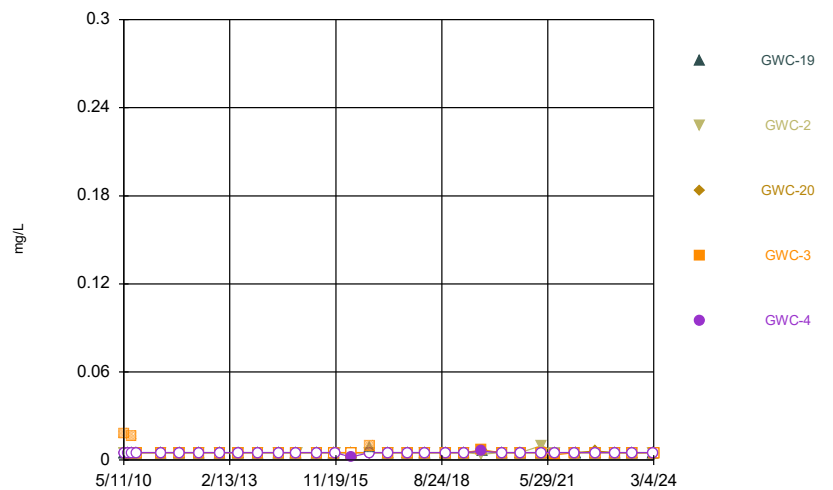
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



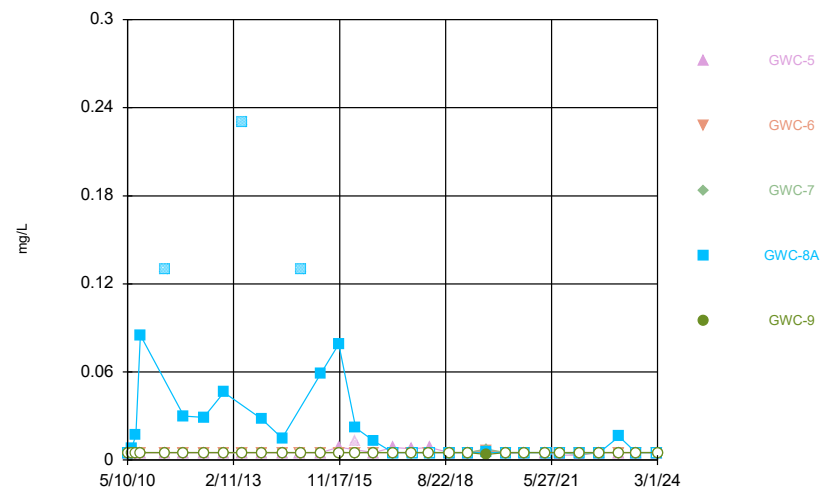
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



Constituent: Zinc Analysis Run 6/24/2024 1:03 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



Constituent: Zinc Analysis Run 6/24/2024 1:03 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series

Constituent: Antimony, T Total (mg/L) Analysis Run 6/24/2024 1:09 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
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5/9/2010	<0.002	<0.002			
5/10/2010					<0.002
5/11/2010				<0.002	
6/16/2010		<0.002	<0.002		<0.002
6/17/2010				<0.002	
6/18/2010	<0.002				
7/26/2010			<0.002		
7/27/2010		<0.002		<0.002	
7/28/2010	<0.002				<0.002
9/7/2010		<0.002	<0.002		
9/8/2010					<0.002
9/9/2010	<0.002			<0.002	
4/28/2011				<0.002	
4/29/2011		<0.002	<0.002		<0.002
4/30/2011	<0.002				
10/27/2011					<0.002
10/28/2011	<0.002	<0.002	<0.002		
10/29/2011				<0.002	
5/2/2012	<0.002	<0.002	<0.002		
5/3/2012				<0.002	
5/4/2012					<0.002
11/9/2012	<0.002	<0.002	<0.002	<0.002	
11/11/2012					<0.002
5/8/2013	<0.002	<0.002	<0.002		
5/9/2013				<0.002	<0.002
11/5/2013	<0.002			<0.002	<0.002
11/6/2013		<0.002	<0.002		
5/20/2014	<0.002	<0.002	<0.002		
5/21/2014					<0.002
5/23/2014				<0.002	
11/8/2014		<0.002	<0.002		
11/12/2014	<0.002				<0.002
11/13/2014				<0.002	
5/22/2015	<0.002	<0.002	<0.002		
5/23/2015				<0.002	<0.002
11/9/2015		<0.002	<0.002		
11/11/2015	<0.002			<0.002	
11/12/2015					<0.002
4/6/2016	<0.002	<0.002	<0.002		
4/12/2016				<0.002	
4/13/2016					<0.002 (D)
6/15/2016	<0.002	<0.002	<0.002		
6/16/2016				<0.002	
6/21/2016					<0.002
8/10/2016	<0.002	<0.002	<0.002		
8/11/2016				<0.002	
8/15/2016					<0.002
10/4/2016	<0.002	<0.002		<0.002	
10/5/2016			<0.002		<0.002
11/29/2016		<0.002	<0.002		
11/30/2016	<0.002			<0.002	

Time Series

Constituent: Antimony, T Total (mg/L) Analysis Run 6/24/2024 1:09 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
12/1/2016					<0.002
2/7/2017	<0.002	0.001 (J)	<0.002	<0.002	
2/8/2017					<0.002
4/4/2017	<0.002	<0.002	<0.002		
4/5/2017				<0.002	
4/6/2017					<0.002
6/20/2017	<0.002	<0.002	<0.002	<0.002	
6/21/2017					<0.002
10/4/2017	<0.002			<0.002	
10/5/2017		<0.002	<0.002		<0.002
3/20/2018	<0.002 (D)	<0.002	<0.002	<0.002	
3/21/2018					<0.002
10/2/2018	<0.002	<0.002	<0.002	<0.002	<0.002
3/26/2019	<0.002	<0.002	<0.002	<0.002	
3/27/2019					<0.002
9/10/2019	<0.002	<0.002	<0.002	<0.002	
9/11/2019					<0.002
3/18/2020	<0.002	<0.002	<0.002	<0.002	<0.002
9/9/2020	<0.002	<0.002	<0.002	<0.002	<0.002
4/1/2021	<0.002	<0.002	<0.002	<0.002	<0.002
8/11/2021	<0.002	<0.002	<0.002		
8/17/2021					<0.002
8/18/2021				<0.002	
2/15/2022	<0.002	<0.002	<0.002	<0.002	<0.002
8/24/2022			<0.002	<0.002	
8/25/2022	<0.002	<0.002			<0.002
2/21/2023					<0.002
2/27/2023				<0.002	
2/28/2023	<0.002	<0.002	<0.002		
8/3/2023	<0.002	<0.002	<0.002		
8/9/2023				<0.002	<0.002
2/28/2024		<0.002	<0.002		
3/1/2024				<0.002	<0.002
3/4/2024	<0.002				

Time Series

Constituent: Antimony, T Total (mg/L) Analysis Run 6/24/2024 1:09 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
5/9/2010		<0.002	<0.002	<0.002	
5/10/2010	<0.002				<0.002
6/16/2010	<0.002				<0.002
6/18/2010		<0.002	<0.002	<0.002	
7/26/2010					<0.002
7/27/2010	<0.002	<0.002			
7/28/2010				<0.002	
7/29/2010			<0.002		
9/7/2010					<0.002
9/8/2010	<0.002	<0.002			
9/9/2010			<0.002	<0.002	
4/26/2011			<0.002		
4/29/2011	<0.002	<0.002			<0.002
4/30/2011				<0.002	
10/27/2011	<0.002				
10/28/2011		<0.002	<0.002	<0.002	<0.002
5/2/2012					<0.002
5/3/2012		<0.002		<0.002	
5/4/2012	<0.002		<0.002		
11/9/2012					<0.002
11/10/2012	<0.002	<0.002		<0.002	
11/11/2012			<0.002		
5/8/2013			<0.002	<0.002	<0.002
5/9/2013	<0.002	<0.002			
11/5/2013				<0.002	
11/6/2013	<0.002	<0.002			<0.002
11/7/2013			<0.002		
5/20/2014	<0.002	<0.002	<0.002	<0.002	
5/23/2014					<0.002
11/8/2014					<0.002
11/12/2014	<0.002	<0.002	<0.002	<0.002	
5/22/2015					<0.002
5/23/2015		<0.002			
5/24/2015	<0.002		<0.002	<0.002	
11/10/2015					<0.002
11/11/2015				<0.002	
11/12/2015	<0.002	<0.002	<0.002		
4/11/2016					<0.002
4/13/2016	<0.002 (D)	0.000646 (JD)	<0.002 (D)	<0.002 (D)	
6/16/2016					0.00018 (J)
6/21/2016	<0.002	<0.002	<0.002	<0.002	
8/11/2016					<0.002
8/15/2016	<0.002	<0.002	<0.002	<0.002	
10/4/2016				<0.002	
10/5/2016	<0.002	<0.002			<0.002
10/7/2016			<0.002		
11/29/2016					<0.002
12/1/2016	<0.002	<0.002	<0.002	<0.002	
2/7/2017				<0.002	
2/8/2017	<0.002	<0.002			<0.002
2/9/2017			<0.002		
4/5/2017		<0.002			

Time Series

Constituent: Antimony, T Total (mg/L) Analysis Run 6/24/2024 1:09 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
4/6/2017	<0.002		<0.002	<0.002	<0.002
6/20/2017	<0.002	<0.002		<0.002	
6/21/2017					<0.002
6/22/2017			<0.002		
10/5/2017	<0.002	<0.002		<0.002	<0.002
10/6/2017			<0.002		
3/20/2018				<0.002	<0.002
3/21/2018	<0.002	<0.002 (D)			
3/22/2018			<0.002		
10/2/2018	<0.002	<0.002		<0.002	<0.002
10/3/2018			<0.002		
3/26/2019		<0.002	<0.002	<0.002	<0.002
3/27/2019	<0.002				
9/11/2019	<0.002	<0.002	<0.002	<0.002	0.00039 (J)
3/18/2020	<0.002	<0.002	<0.002	<0.002	<0.002
9/9/2020				<0.002	<0.002
9/10/2020	<0.002	<0.002	<0.002		
4/1/2021	<0.002	<0.002		<0.002	<0.002
4/6/2021			<0.002		
8/11/2021	<0.002	<0.002	<0.002	<0.002	<0.002
2/16/2022	<0.002	<0.002	<0.002	<0.002	<0.002
8/25/2022	<0.002				<0.002
8/26/2022		<0.002	<0.002	<0.002	
2/27/2023	<0.002	<0.002	<0.002	<0.002	
2/28/2023					<0.002
8/9/2023	<0.002	<0.002	<0.002	<0.002	<0.002
2/29/2024	<0.002	<0.002			<0.002
3/1/2024			<0.002	<0.002	

Time Series

Constituent: Antimony, T Total (mg/L) Analysis Run 6/24/2024 1:09 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
5/11/2010	<0.002	<0.002	<0.002	<0.002	<0.002
6/16/2010	<0.002				
6/17/2010			<0.002	<0.002	<0.002
6/19/2010		<0.002			
7/27/2010	<0.002	<0.002	<0.002		
7/28/2010				<0.002	<0.002
9/7/2010	<0.002		<0.002	<0.002	
9/8/2010					<0.002
9/9/2010		<0.002			
4/28/2011		<0.002			<0.002
4/29/2011	<0.002		<0.002	<0.002	
10/28/2011	<0.002	<0.002	<0.002	<0.002	
10/29/2011					<0.002
5/2/2012	<0.002				
5/3/2012		<0.002	<0.002	<0.002	<0.002
11/9/2012	<0.002	<0.002		<0.002	
11/10/2012			<0.002		<0.002
5/9/2013	<0.002	<0.002	<0.002		
5/10/2013				<0.002	<0.002
11/5/2013		<0.002			
11/6/2013	<0.002		<0.002	<0.002	<0.002
5/22/2014	<0.002	<0.002	<0.002	<0.002	<0.002
11/8/2014	<0.002				
11/9/2014			<0.002	<0.002	<0.002
11/13/2014		<0.002			
5/22/2015				<0.002	<0.002
5/23/2015	<0.002				
5/24/2015		<0.002	<0.002		
11/10/2015	<0.002		<0.002	<0.002	
11/11/2015		<0.002			<0.002
4/11/2016	<0.002				
4/12/2016		<0.002	<0.002	<0.002 (D)	<0.002
6/16/2016	0.00014 (J)	<0.002	<0.002		
6/20/2016				0.0002 (J)	<0.002
8/11/2016	<0.002	<0.002	<0.002		
8/12/2016				<0.002	<0.002
10/4/2016		<0.002			
10/5/2016	<0.002		<0.002	<0.002	
10/6/2016					<0.002
11/29/2016	<0.002				
11/30/2016		<0.002	<0.002	<0.002	<0.002
2/7/2017		<0.002			
2/8/2017	<0.002		<0.002	<0.002	<0.002
4/5/2017	<0.002				
4/6/2017		<0.002	<0.002	<0.002	<0.002
6/20/2017		<0.002			
6/21/2017	<0.002		<0.002	<0.002	
6/22/2017					<0.002
10/4/2017		<0.002			
10/5/2017	<0.002		<0.002	<0.002	
10/6/2017					<0.002
3/20/2018	<0.002	<0.002			

Time Series

Constituent: Antimony, T Total (mg/L) Analysis Run 6/24/2024 1:09 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
3/21/2018			<0.002	<0.002	<0.002
10/2/2018	<0.002	<0.002			
10/3/2018			<0.002	<0.002	<0.002
3/26/2019	<0.002	<0.002	<0.002	<0.002	<0.002
9/10/2019		0.00042 (J)		<0.002	<0.002
9/12/2019	<0.002		<0.002		
3/18/2020		<0.002		<0.002	
3/19/2020	<0.002		<0.002		<0.002
9/9/2020	<0.002	<0.002			
9/10/2020			<0.002	<0.002	<0.002
4/1/2021		0.0013 (J)			
4/2/2021					<0.002
4/5/2021	<0.002		<0.002		
4/6/2021				<0.002	
8/11/2021	<0.002		<0.002		
8/12/2021		<0.002		<0.002	<0.002
2/15/2022		<0.002		<0.002	<0.002
2/16/2022	<0.002		<0.002		
8/25/2022	<0.002		<0.002	<0.002	0.00058 (J)
8/26/2022		<0.002			
2/27/2023		<0.002			<0.002
2/28/2023	<0.002		<0.002	<0.002	
8/8/2023	<0.002		<0.002		<0.002
8/9/2023		<0.002		<0.002	
2/29/2024	<0.002				<0.002
3/1/2024		<0.002	<0.002		
3/4/2024				0.0013 (J)	

Time Series

Constituent: Antimony, T Total (mg/L) Analysis Run 6/24/2024 1:09 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
5/10/2010			<0.002	<0.002	<0.002
5/11/2010	<0.002	<0.002			
6/16/2010					<0.002
6/18/2010	<0.002	<0.002	<0.002		
6/19/2010				<0.002	
7/27/2010	<0.002	<0.002			<0.002
7/28/2010			<0.002	<0.002	
9/8/2010				<0.002	<0.002
9/9/2010	<0.002	<0.002	<0.002		
4/29/2011	<0.002				<0.002
4/30/2011		<0.002	<0.002	<0.002	
10/27/2011				<0.002	<0.002
10/28/2011	<0.002				
10/29/2011		<0.002	<0.002		
5/3/2012					<0.002
5/4/2012	<0.002	<0.002	<0.002	<0.002	
11/10/2012	<0.002	<0.002	<0.002		
11/11/2012				<0.002	<0.002
5/9/2013	<0.002	<0.002	<0.002		<0.002
5/10/2013				<0.002	
11/6/2013	<0.002				<0.002
11/7/2013		<0.002	<0.002	<0.002	
5/21/2014		<0.002	<0.002	<0.002	<0.002
5/22/2014	<0.002				
11/9/2014	<0.002	<0.002			
11/12/2014			<0.002		<0.002
11/13/2014				<0.002	
5/23/2015				<0.002	<0.002
5/24/2015	<0.002	<0.002	<0.002		
11/11/2015	<0.002	<0.002	<0.002	<0.002	
11/12/2015					<0.002
4/12/2016		<0.002			
4/13/2016			<0.002 (D)		<0.002 (D)
4/19/2016	<0.002			<0.002	
6/20/2016		<0.002	0.0002 (J)		
6/22/2016	<0.002				<0.002
8/12/2016		<0.002			
8/15/2016			<0.002		<0.002
8/16/2016	<0.002				
10/6/2016	<0.002	<0.002	<0.002		<0.002
10/10/2016				<0.002	
11/30/2016		<0.002			
12/1/2016	<0.002		<0.002	<0.002	<0.002
2/8/2017					<0.002
2/9/2017	<0.002	<0.002	<0.002	<0.002	
4/6/2017	<0.002	<0.002			<0.002
4/7/2017			<0.002	<0.002	
6/21/2017	<0.002	<0.002		<0.002	<0.002
6/22/2017			<0.002		
8/15/2017				<0.002	
9/1/2017				<0.002	
10/5/2017	<0.002				<0.002

Time Series

Constituent: Antimony, T Total (mg/L) Analysis Run 6/24/2024 1:09 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
10/6/2017		<0.002	<0.002		
10/9/2017				<0.002	
3/21/2018		<0.002			<0.002
3/22/2018	<0.002		<0.002	<0.002	
10/2/2018					<0.002
10/3/2018	<0.002	<0.002			
10/4/2018			<0.002	<0.002	
3/26/2019		<0.002			
3/27/2019	<0.002		<0.002	<0.002	<0.002
9/11/2019	<0.002	<0.002	<0.002	<0.002	<0.002
3/18/2020	<0.002	<0.002		<0.002	<0.002
3/19/2020			<0.002		
9/9/2020	<0.002			<0.002	<0.002
9/10/2020		<0.002	<0.002		
4/1/2021	<0.002		<0.002		<0.002
4/5/2021		<0.002		<0.002	
8/11/2021		<0.002	<0.002		
8/12/2021	<0.002			<0.002	<0.002
2/15/2022	<0.002	<0.002	<0.002	<0.002	<0.002
8/25/2022	<0.002	<0.002	<0.002	<0.002	<0.002
2/27/2023		<0.002	<0.002	<0.002	<0.002
2/28/2023	<0.002				
8/8/2023	<0.002	<0.002	<0.002	<0.002	<0.002
2/29/2024	<0.002	<0.002	<0.002	<0.002	
3/1/2024					<0.002

Time Series

Constituent: Arsenic, Total (mg/L) Analysis Run 6/24/2024 1:09 PM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
5/8/2010			<0.001		
5/9/2010	<0.001	<0.001			
5/10/2010					<0.001
5/11/2010				<0.001	
6/16/2010		<0.001	<0.001		<0.001
6/17/2010				<0.001	
6/18/2010	<0.001				
7/26/2010			<0.001		
7/27/2010		<0.001		<0.001	
7/28/2010	<0.001				<0.001
9/7/2010		<0.001	<0.001		
9/8/2010					<0.001
9/9/2010	<0.001			<0.001	
4/28/2011				<0.001	
4/29/2011		<0.001	<0.001		<0.001
4/30/2011	<0.001				
10/27/2011					<0.001
10/28/2011	<0.001	<0.001	<0.001		
10/29/2011				<0.001	
5/2/2012	<0.001	<0.001	<0.001		
5/3/2012				<0.001	
5/4/2012					<0.001
11/9/2012	<0.001	<0.001	<0.001	<0.001	
11/11/2012					<0.001
5/8/2013	<0.001	<0.001	<0.001		
5/9/2013				<0.001	<0.001
11/5/2013	<0.001			<0.001	<0.001
11/6/2013		<0.001	<0.001		
5/20/2014	<0.001	<0.001	<0.001		
5/21/2014					<0.001
5/23/2014				<0.001	
11/8/2014		<0.001	<0.001		
11/12/2014	<0.001				<0.001
11/13/2014				<0.001	
5/22/2015	<0.001	<0.001	<0.001		
5/23/2015				<0.001	<0.001
11/9/2015		<0.001	<0.001		
11/11/2015	<0.001			<0.001	
11/12/2015					<0.001
4/6/2016	<0.001	<0.001	<0.001		
4/12/2016				<0.001	
4/13/2016					<0.001 (D)
6/15/2016	<0.001	<0.001	<0.001		
6/16/2016				6E-05 (J)	
6/21/2016					<0.001
8/10/2016	<0.001	<0.001	<0.001		
8/11/2016				<0.001	
8/15/2016					<0.001
10/4/2016	<0.001	<0.001		0.00079	
10/5/2016			<0.001		<0.001
11/29/2016		<0.001	<0.001		
11/30/2016	<0.001			<0.001	

Time Series

Constituent: Arsenic, Total (mg/L) Analysis Run 6/24/2024 1:09 PM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
12/1/2016					<0.001
2/7/2017	<0.001	<0.001	<0.001	<0.001	
2/8/2017					<0.001
4/4/2017	<0.001	<0.001	<0.001		
4/5/2017				<0.001	
4/6/2017					<0.001
6/20/2017	<0.001	<0.001	<0.001	<0.001	
6/21/2017					<0.001
10/4/2017	<0.001			<0.001	
10/5/2017		<0.001	<0.001		<0.001
3/20/2018	<0.001 (D)	<0.001	<0.001	<0.001	
3/21/2018					<0.001
10/2/2018	<0.001	<0.001	<0.001	<0.001	<0.001
3/26/2019	<0.001	<0.001	<0.001	<0.001	
3/27/2019					<0.001
9/10/2019	0.00032 (J)	0.00049 (J)	0.00069 (J)	0.00033 (J)	
9/11/2019					0.00055 (J)
3/18/2020	<0.001	<0.001	<0.001	<0.001	<0.001
9/9/2020	<0.001	<0.001	<0.001	<0.001	<0.001
4/1/2021	<0.001	<0.001	<0.001	<0.001	<0.001
8/11/2021	<0.001	<0.001	<0.001		
8/17/2021					<0.001
8/18/2021				<0.001	
2/15/2022	<0.001	<0.001	<0.001	<0.001	<0.001
8/24/2022			<0.001	<0.001	
8/25/2022	<0.001	<0.001			<0.001
2/21/2023					<0.001
2/27/2023				<0.001	
2/28/2023	<0.001	<0.001	<0.001		
8/3/2023	<0.001	<0.001	<0.001		
8/9/2023				<0.001	<0.001
2/28/2024		<0.001	<0.001		
3/1/2024				<0.001	<0.001
3/4/2024	<0.001				

Time Series

Constituent: Arsenic, Total (mg/L) Analysis Run 6/24/2024 1:09 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
5/9/2010		<0.001	<0.001	<0.001	
5/10/2010	<0.001				<0.001
6/16/2010	<0.001				<0.001
6/18/2010		<0.001	<0.001	<0.001	
7/26/2010					<0.001
7/27/2010	<0.001	<0.001			
7/28/2010				<0.001	
7/29/2010			<0.001		
9/7/2010					<0.001
9/8/2010	<0.001	<0.001			
9/9/2010			<0.001	<0.001	
4/26/2011			<0.001		
4/29/2011	<0.001	<0.001			<0.001
4/30/2011				<0.001	
10/27/2011	<0.001				
10/28/2011		<0.001	<0.001	<0.001	<0.001
5/2/2012					<0.001
5/3/2012		<0.001		<0.001	
5/4/2012	<0.001		<0.001		
11/9/2012					<0.001
11/10/2012	<0.001	<0.001		<0.001	
11/11/2012			<0.001		
5/8/2013			<0.001	<0.001	<0.001
5/9/2013	<0.001	<0.001			
11/5/2013				<0.001	
11/6/2013	<0.001	<0.001			<0.001
11/7/2013			<0.001		
5/20/2014	<0.001	<0.001	<0.001	<0.001	
5/23/2014					<0.001
11/8/2014					<0.001
11/12/2014	<0.001	<0.001	<0.001	<0.001	
5/22/2015					<0.001
5/23/2015		<0.001			
5/24/2015	<0.001		<0.001	<0.001	
11/10/2015					<0.001
11/11/2015				<0.001	
11/12/2015	<0.001	<0.001	<0.001		
4/11/2016					<0.001
4/13/2016	<0.001 (D)	<0.001 (D)	<0.001 (D)	<0.001 (D)	
6/16/2016					<0.001
6/21/2016	<0.001	<0.001	<0.001	<0.001	
8/11/2016					<0.001
8/15/2016	<0.001	<0.001	<0.001	<0.001	
10/4/2016				<0.001	
10/5/2016	<0.001	<0.001			<0.001
10/7/2016			<0.001		
11/29/2016					<0.001
12/1/2016	<0.001	<0.001	<0.001	<0.001	
2/7/2017				<0.001	
2/8/2017	<0.001	<0.001			<0.001
2/9/2017			<0.001		
4/5/2017		<0.001			

Time Series

Constituent: Arsenic, Total (mg/L) Analysis Run 6/24/2024 1:09 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
4/6/2017	<0.001		<0.001	<0.001	<0.001
6/20/2017	<0.001	<0.001		<0.001	
6/21/2017					<0.001
6/22/2017			<0.001		
10/5/2017	<0.001	<0.001		<0.001	<0.001
10/6/2017			<0.001		
3/20/2018				<0.001	<0.001
3/21/2018	<0.001	<0.001 (D)			
3/22/2018			<0.001		
10/2/2018	<0.001	<0.001		<0.001	<0.001
10/3/2018			<0.001		
3/26/2019		<0.001	<0.001	<0.001	<0.001
3/27/2019	<0.001				
9/11/2019	0.00045 (J)	0.00038 (J)	0.00042 (J)	0.00045 (J)	0.00043 (J)
3/18/2020	<0.001	<0.001	<0.001	<0.001	<0.001
9/9/2020				<0.001	<0.001
9/10/2020	<0.001	<0.001	<0.001		
4/1/2021	<0.001	<0.001		<0.001	<0.001
4/6/2021			<0.001		
8/11/2021	<0.001	<0.001	<0.001	<0.001	<0.001
2/16/2022	<0.001	<0.001	<0.001	<0.001	<0.001
8/25/2022	<0.001				<0.001
8/26/2022		<0.001	<0.001	<0.001	
2/27/2023	<0.001	<0.001	<0.001	<0.001	
2/28/2023					<0.001
8/9/2023	<0.001	<0.001	<0.001	<0.001	<0.001
2/29/2024	<0.001	<0.001			<0.001
3/1/2024			<0.001	<0.001	

Time Series

Constituent: Arsenic, Total (mg/L) Analysis Run 6/24/2024 1:09 PM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
5/11/2010	<0.001	<0.001	<0.001	<0.001	<0.001
6/16/2010	<0.001				
6/17/2010			<0.001	<0.001	<0.001
6/19/2010		<0.001			
7/27/2010	<0.001	<0.001	<0.001		
7/28/2010				<0.001	<0.001
9/7/2010	<0.001		<0.001	<0.001	
9/8/2010					<0.001
9/9/2010		<0.001			
4/28/2011		<0.001			<0.001
4/29/2011	<0.001		<0.001	<0.001	
10/28/2011	<0.001	<0.001	<0.001	<0.001	
10/29/2011					<0.001
5/2/2012	<0.001				
5/3/2012		<0.001	<0.001	<0.001	<0.001
11/9/2012	<0.001	<0.001		<0.001	
11/10/2012			<0.001		<0.001
5/9/2013	<0.001	<0.001	<0.001		
5/10/2013				<0.001	<0.001
11/5/2013		<0.001			
11/6/2013	<0.001		<0.001	<0.001	<0.001
5/22/2014	<0.001	<0.001	<0.001	<0.001	<0.001
11/8/2014	<0.001				
11/9/2014			<0.001	<0.001	<0.001
11/13/2014		<0.001			
5/22/2015				<0.001	<0.001
5/23/2015	<0.001				
5/24/2015		<0.001	<0.001		
11/10/2015	<0.001	<0.001	<0.001	<0.001	
11/11/2015		<0.001			<0.001
4/11/2016	<0.001				
4/12/2016		<0.001	<0.001	<0.001 (D)	<0.001
6/16/2016	5.1E-05 (J)	5.5E-05 (J)	5.4E-05 (J)		
6/20/2016				<0.001	<0.001
8/11/2016	<0.001	<0.001	<0.001		
8/12/2016				0.00053 (J)	<0.001
10/4/2016		<0.001			
10/5/2016	<0.001		<0.001	<0.001	
10/6/2016					<0.001
11/29/2016	<0.001				
11/30/2016		<0.001	<0.001	<0.001	<0.001
2/7/2017		<0.001			
2/8/2017	<0.001		<0.001	<0.001	<0.001
4/5/2017	<0.001				
4/6/2017		<0.001	<0.001	<0.001	<0.001
6/20/2017		<0.001			
6/21/2017	<0.001		<0.001	<0.001	
6/22/2017					<0.001
10/4/2017		<0.001			
10/5/2017	<0.001		<0.001	<0.001	
10/6/2017					<0.001
3/20/2018	<0.001	<0.001			

Time Series

Constituent: Arsenic, Total (mg/L) Analysis Run 6/24/2024 1:09 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
3/21/2018			0.00078	0.00089	<0.001
10/2/2018	<0.001	<0.001			
10/3/2018			<0.001	<0.001	<0.001
3/26/2019	<0.001	<0.001	<0.001	<0.001	<0.001
9/10/2019		0.00038 (J)		0.00032 (J)	0.00032 (J)
9/12/2019	<0.001		<0.001		
3/18/2020		<0.001		<0.001	
3/19/2020	<0.001		<0.001		<0.001
9/9/2020	<0.001	<0.001			
9/10/2020			<0.001	<0.001	<0.001
4/1/2021		<0.001			
4/2/2021					<0.001
4/5/2021	<0.001		<0.001		
4/6/2021				<0.001	
8/11/2021	<0.001		<0.001		
8/12/2021		<0.001		<0.001	<0.001
2/15/2022		<0.001		<0.001	<0.001
2/16/2022	<0.001		<0.001		
8/25/2022	<0.001		<0.001	<0.001	<0.001
8/26/2022		<0.001			
2/27/2023		<0.001			<0.001
2/28/2023	<0.001		<0.001	<0.001	
8/8/2023	<0.001		<0.001		<0.001
8/9/2023		<0.001		<0.001	
2/29/2024	<0.001				<0.001
3/1/2024		<0.001	<0.001		
3/4/2024				<0.001	

Time Series

Constituent: Arsenic, Total (mg/L) Analysis Run 6/24/2024 1:09 PM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
5/10/2010			<0.001	<0.00046	<0.001
5/11/2010	<0.001	<0.001			
6/16/2010					<0.001
6/18/2010	<0.001	<0.001	<0.001		
6/19/2010				<0.00046	
7/27/2010	<0.001	<0.001			<0.001
7/28/2010			<0.001	<0.00046	
9/8/2010				<0.00046	<0.001
9/9/2010	<0.001	<0.001	<0.001		
4/29/2011	<0.001				<0.001
4/30/2011		<0.001	<0.001	<0.00046	
10/27/2011				<0.00046	<0.001
10/28/2011	<0.001				
10/29/2011		<0.001	<0.001		
5/3/2012					<0.001
5/4/2012	<0.001	<0.001	<0.001	<0.00046	
11/10/2012	<0.001	<0.001	<0.001		
11/11/2012				<0.00046	<0.001
5/9/2013	<0.001	<0.001	<0.001		<0.001
5/10/2013				<0.00046	
11/6/2013	<0.001				<0.001
11/7/2013		<0.001	<0.001	<0.00046	
5/21/2014		<0.001	<0.001	<0.00046	<0.001
5/22/2014	<0.001				
11/9/2014	<0.001	<0.001			
11/12/2014			<0.001		<0.001
11/13/2014				<0.00046	
5/23/2015				<0.00046	<0.001
5/24/2015	<0.001	<0.001	<0.001		
11/11/2015	<0.001	<0.001	<0.001	<0.00046	
11/12/2015					<0.001
4/12/2016		<0.001			
4/13/2016			<0.001 (D)		<0.001 (D)
4/19/2016	<0.001			<0.00046	
6/20/2016		6.3E-05 (J)	<0.001		
6/22/2016	0.0008				<0.001
8/12/2016		<0.001			
8/15/2016			<0.001		<0.001
8/16/2016	<0.001				
10/6/2016	<0.001	<0.001	<0.001		<0.001
10/10/2016				<0.00046	
11/30/2016		<0.001			
12/1/2016	<0.001		<0.001	<0.00046	<0.001
2/8/2017					<0.001
2/9/2017	<0.001	<0.001	<0.001	0.00115 (JD)	
4/6/2017	<0.001	<0.001			<0.001
4/7/2017			<0.001	<0.00046	
6/21/2017	<0.001	<0.001		0.0014	<0.001
6/22/2017			<0.001		
8/15/2017				0.00086	
9/1/2017				0.00075	
10/5/2017	<0.001				<0.001

Time Series

Constituent: Arsenic, Total (mg/L) Analysis Run 6/24/2024 1:09 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
10/6/2017		<0.001	<0.001		
10/9/2017				0.0013	
3/21/2018		<0.001			<0.001
3/22/2018	0.00046 (J)		<0.001	0.00075	
10/2/2018					<0.001
10/3/2018	<0.001	<0.001			
10/4/2018			<0.001	<0.00046	
3/26/2019		<0.001			
3/27/2019	<0.001		<0.001	0.0012	0.00062
9/11/2019	0.00038 (J)	0.00041 (J)	0.00038 (J)	0.001 (J)	0.00055 (J)
3/18/2020	<0.001	<0.001		0.00042 (J)	<0.001
3/19/2020			<0.001		
9/9/2020	<0.001			0.00092 (J)	<0.001
9/10/2020		<0.001	<0.001		
4/1/2021	<0.001		<0.001		<0.001
4/5/2021		<0.001		0.00097 (J)	
8/11/2021		<0.001	<0.001		
8/12/2021	<0.001			0.00081 (J)	<0.001
2/15/2022	<0.001	<0.001	<0.001	0.00047 (J)	<0.001
8/25/2022	<0.001	<0.001	<0.001	0.00048 (J)	0.00037 (J)
2/27/2023		<0.001	<0.001	0.0005 (J)	<0.001
2/28/2023	<0.001				
8/8/2023	<0.001	<0.001	<0.001	0.00091 (J)	<0.001
2/29/2024	<0.001	<0.001	<0.001	0.00089 (J)	
3/1/2024					<0.001

Time Series

Constituent: Barium, Total (mg/L) Analysis Run 6/24/2024 1:09 PM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
5/8/2010			0.048 (J)		
5/9/2010	0.01 (J)	0.031 (J)			
5/10/2010					0.024 (J)
5/11/2010				0.054 (J)	
6/16/2010		0.029 (J)	0.044 (J)		0.022 (J)
6/17/2010				0.054 (J)	
6/18/2010	0.01 (J)				
7/26/2010			0.042 (J)		
7/27/2010		0.029 (J)		0.054 (J)	
7/28/2010	0.011 (J)				0.023 (J)
9/7/2010		0.028 (J)	0.04 (J)		
9/8/2010					0.023 (J)
9/9/2010	0.011 (J)			0.046 (J)	
4/28/2011				0.057 (J)	
4/29/2011		0.026 (J)	0.038 (J)		0.022 (J)
4/30/2011	0.0091 (J)				
10/27/2011					0.022
10/28/2011	0.0096 (J)	0.025	0.034		
10/29/2011				0.046	
5/2/2012	0.012	0.025	0.03		
5/3/2012				0.049	
5/4/2012					0.019
11/9/2012	0.012 (V)	0.028 (V)	0.039 (V)	0.045 (V)	
11/11/2012					0.025 (V)
5/8/2013	0.01	0.029	0.034		
5/9/2013				0.053	0.024
11/5/2013	0.0098 (J)			0.045	0.025
11/6/2013		0.026	0.032		
5/20/2014	0.0081 (J)	0.025	0.03		
5/21/2014					0.024
5/23/2014				0.043	
11/8/2014		0.026	0.031		
11/12/2014	0.0098 (J)				0.026
11/13/2014				0.046	
5/22/2015	0.0088 (J)	0.026	0.033		
5/23/2015				0.046	0.026
11/9/2015		0.024	0.034		
11/11/2015	0.011			0.047	
11/12/2015					0.026
4/6/2016	0.00959 (J)	0.026	0.0347		
4/12/2016				0.0474	
4/13/2016					0.0258 (D)
6/15/2016	0.0091 (J)	0.023	0.029		
6/16/2016				0.044	
6/21/2016					0.0286
8/10/2016	0.009	0.022	0.027		
8/11/2016				0.04	
8/15/2016					0.024
10/4/2016	<0.0092	0.024		0.048	
10/5/2016			<0.029		<0.028
11/29/2016		0.023	0.024		
11/30/2016	0.011			0.043	

Time Series

Constituent: Barium, Total (mg/L) Analysis Run 6/24/2024 1:09 PM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
12/1/2016					0.028
2/7/2017	0.0099	0.024	0.029	0.042	
2/8/2017					0.027
4/4/2017	0.0092	0.022	0.03		
4/5/2017				0.041	
4/6/2017					0.027
6/20/2017	0.0099	0.025	0.036	0.046	
6/21/2017					0.031
10/4/2017	0.0098			0.044	
10/5/2017		0.023	0.027		0.029
3/20/2018	0.01	0.023	0.027	0.042	
3/21/2018					<0.028 (X)
10/2/2018	0.0099	0.023	0.027	0.043	0.029
3/26/2019	0.0099	0.024	0.031	0.044	
3/27/2019					0.027
9/10/2019	0.011	0.039	0.051	0.046	
9/11/2019					0.033
3/18/2020	0.01	0.027	0.031	0.049	0.036
9/9/2020	0.01	0.024	0.033	0.046	0.036
4/1/2021	0.0092 (J)	0.024	0.029	0.047	0.034
8/11/2021	0.01	0.023	0.029		
8/18/2021				0.049	
10/18/2021					0.031
2/15/2022	0.012	0.024	0.031	0.052	0.036
8/24/2022			0.031	0.043	
8/25/2022	0.012	0.025			0.035
2/21/2023					0.033
2/27/2023				0.049	
2/28/2023	0.01	0.025	0.03		
8/3/2023	0.01	0.026	0.027		
8/9/2023				0.048	0.032
2/28/2024		0.03	0.032		
3/1/2024				0.048	0.036
3/4/2024	0.01				

Time Series

Constituent: Barium, Total (mg/L) Analysis Run 6/24/2024 1:09 PM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
5/9/2010					
5/10/2010	0.018 (J)				0.039 (J)
6/16/2010	0.018 (J)				0.041 (J)
6/18/2010		0.014 (J)	0.028 (J)	0.0097 (J)	
7/26/2010					0.04 (J)
7/27/2010	0.018 (J)	0.015 (J)			
7/28/2010				0.0096 (J)	
7/29/2010			0.029 (J)		
9/7/2010					0.038 (J)
9/8/2010	0.017 (J)	0.013 (J)			
9/9/2010			0.028 (J)	0.01 (J)	
4/26/2011			0.038 (J)		
4/29/2011	0.016 (J)	0.016 (J)			0.034 (J)
4/30/2011				0.0096 (J)	
10/27/2011	0.015				
10/28/2011		0.013	0.026	0.0064 (O)	0.035
5/2/2012					0.038
5/3/2012		0.012		0.0054 (O)	
5/4/2012	0.014		0.024		
11/9/2012					0.035 (V)
11/10/2012	0.016 (V)	0.015 (V)		0.0094 (J)	
11/11/2012			0.027 (V)		
5/8/2013			0.045	0.0093 (J)	0.037
5/9/2013	0.016	0.015			
11/5/2013				0.009 (J)	
11/6/2013	0.016	0.015			0.036 (V)
11/7/2013			0.026		
5/20/2014	0.016	0.015	0.024	0.009 (J)	
5/23/2014					0.036
11/8/2014					0.038
11/12/2014	0.017	0.018	0.029	0.0098 (J)	
5/22/2015					0.035
5/23/2015		0.016			
5/24/2015	0.017		0.027	0.0096 (J)	
11/10/2015					0.032
11/11/2015				0.0092 (J)	
11/12/2015	0.016	0.015	0.029		
4/11/2016					0.0352
4/13/2016	0.0159 (D)	0.0166 (D)	0.029 (D)	0.00929 (JD)	
6/16/2016					0.033
6/21/2016	0.018	0.0173	0.0306	0.0106	
8/11/2016					0.035
8/15/2016	0.015	0.015	0.026	0.0077	
10/4/2016				<0.0091	
10/5/2016	<0.016	<0.017			<0.032
10/7/2016			0.031		
11/29/2016					0.034
12/1/2016	0.016	0.016	0.031	0.0089	
2/7/2017				0.0089	
2/8/2017	0.015	0.016			0.032
2/9/2017			0.032		
4/5/2017		0.016			

Time Series

Constituent: Barium, Total (mg/L) Analysis Run 6/24/2024 1:09 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
4/6/2017	0.016		0.029	0.0085	0.031
6/20/2017	0.016	0.017		0.0097	
6/21/2017					0.035
6/22/2017			0.034		
10/5/2017	0.016	0.017		0.0096	0.034
10/6/2017			0.031		
3/20/2018				0.0091	0.033
3/21/2018	<0.016 (X)	<0.017 (X)			
3/22/2018			0.034		
10/2/2018	0.016	0.016		0.0096	0.032
10/3/2018			0.03		
3/26/2019		0.017	0.035	0.0092	0.033
3/27/2019	0.015				
9/11/2019	0.017	0.017	0.035	0.011	0.035
3/18/2020	0.019	0.018	0.058	0.0099 (J)	0.036
9/9/2020				0.01	0.036
9/10/2020	0.02	0.019	0.037		
4/1/2021	0.018	0.018		0.0095 (J)	0.035
4/6/2021			0.038		
8/11/2021	0.017	0.018	0.037	0.012	0.037
2/16/2022	0.018	0.018	0.035	0.011	0.034
8/25/2022	0.018				0.035
8/26/2022		0.018	0.035	0.011	
2/27/2023	0.019	0.019	0.04	0.011	
2/28/2023					0.035
8/9/2023	0.019	0.02	0.04	0.012	0.037
2/29/2024	0.02	0.019			0.037
3/1/2024			0.039	0.012	

Time Series

Constituent: Barium, Total (mg/L) Analysis Run 6/24/2024 1:09 PM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
5/11/2010	0.018 (J)	0.048 (J)	0.032 (J)	0.039	0.031 (J)
6/16/2010	0.017 (J)				
6/17/2010			0.031 (J)	0.017	0.033 (J)
6/19/2010		0.033 (J)			
7/27/2010	0.016 (J)	0.047 (J)	0.035 (J)		
7/28/2010				0.071 (O)	0.033 (J)
9/7/2010	0.017 (J)		0.032 (J)	0.026	
9/8/2010					0.033 (J)
9/9/2010		0.045 (J)			
4/28/2011		0.048 (J)			0.039 (J)
4/29/2011	0.018 (J)		0.031 (J)	0.016	
10/28/2011	0.016	0.044	0.03	0.014	
10/29/2011					0.029
5/2/2012	0.018				
5/3/2012		0.047	0.032	0.017	0.036
11/9/2012	0.017 (V)	0.055 (V)		0.022 (V)	
11/10/2012			0.028 (V)		0.032 (V)
5/9/2013	0.017	0.049	0.029		
5/10/2013				0.025	0.035
11/5/2013		0.045			
11/6/2013	0.018 (V)		0.03 (V)	0.015	0.037
5/22/2014	0.016	0.04	0.029	0.016	0.031
11/8/2014	0.018				
11/9/2014			0.032	0.017	0.034
11/13/2014		0.045			
5/22/2015				0.017	0.039
5/23/2015	0.018				
5/24/2015		0.045	0.029		
11/10/2015	0.017		0.026	0.018	
11/11/2015		0.045			0.042
4/11/2016	0.0191				
4/12/2016		0.0519	0.033	0.0169 (D)	0.0386
6/16/2016	0.017	0.045	0.028		
6/20/2016				0.014	0.031
8/11/2016	0.015	0.04	0.026		
8/12/2016				0.018	0.033
10/4/2016		0.044			
10/5/2016	<0.018		0.03	0.015	
10/6/2016					0.042
11/29/2016	0.017				
11/30/2016		0.044	0.03	0.018	0.04
2/7/2017		0.044			
2/8/2017	0.017		0.033	0.018	0.042
4/5/2017	0.017				
4/6/2017		0.041	0.033	0.017	0.041
6/20/2017		0.045			
6/21/2017	0.019		0.03	0.02	
6/22/2017					0.047
10/4/2017		0.047			
10/5/2017	0.018		0.028	0.017	
10/6/2017					0.045
3/20/2018	0.019	0.045			

Time Series

Constituent: Barium, Total (mg/L) Analysis Run 6/24/2024 1:09 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
3/21/2018			<0.03 (X)	<0.018 (X)	0.045
10/2/2018	0.018	0.044			
10/3/2018			0.028	0.016	0.042
3/26/2019	0.018	0.045	0.03	0.015	0.053
9/10/2019		0.047		0.014	0.037
9/12/2019	0.026		0.035		
3/18/2020		0.048		0.013	
3/19/2020	0.025		0.032		0.045
9/9/2020	0.026	0.047			
9/10/2020			0.031	0.015	0.045
4/1/2021		0.044			
4/2/2021					0.047
4/5/2021	0.028		0.029		
4/6/2021				0.014	
8/11/2021	0.031		0.031		
8/12/2021		0.048		0.019	0.049
2/15/2022		0.048		0.013	0.055
2/16/2022	0.027		0.03		
5/12/2022					0.06 (R)
8/25/2022	0.03		0.031	0.013	0.054
8/26/2022		0.045			
12/28/2022					0.065 (R)
2/27/2023		0.048			0.081
2/28/2023	0.031		0.032	0.011	
8/8/2023	0.032		0.035		0.085
8/9/2023		0.045		0.013	
2/29/2024	0.033				0.1
3/1/2024		0.046	0.036		
3/4/2024				0.019	

Time Series

Constituent: Barium, Total (mg/L) Analysis Run 6/24/2024 1:09 PM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
5/10/2010			0.029 (J)	0.05 (J)	0.026 (J)
5/11/2010	0.034 (J)	0.053 (J)			
6/16/2010					0.026 (J)
6/18/2010	0.028 (J)	0.055 (J)	0.044 (J)		
6/19/2010				0.045 (J)	
7/27/2010	0.026 (J)	0.053 (J)			0.029 (J)
7/28/2010			0.028 (J)	0.046 (J)	
9/8/2010				0.071 (J)	0.027 (J)
9/9/2010	0.022 (J)	0.05 (J)	0.029 (J)		
4/29/2011	0.016 (J)				0.02 (J)
4/30/2011		0.05 (J)	0.025 (J)	0.098 (J)	
10/27/2011				0.048	0.02
10/28/2011	0.014				
10/29/2011		0.045	0.026		
5/3/2012					0.021
5/4/2012	0.017	0.051	0.032	0.055	
11/10/2012	0.014 (V)	0.048 (V)	0.028 (V)		
11/11/2012				0.05 (V)	0.028 (V)
5/9/2013	0.016	0.048	0.03		0.026
5/10/2013				0.12	
11/6/2013	0.016				0.026
11/7/2013		0.049	0.031	0.044	
5/21/2014		0.048	0.029	0.037	0.023
5/22/2014	0.016				
11/9/2014	0.018	0.053			
11/12/2014			0.031		0.038
11/13/2014				0.085	
5/23/2015				0.054	0.021
5/24/2015	0.11	0.061	0.039		
11/11/2015	0.12	0.063	0.032	0.059	
11/12/2015					0.02
4/12/2016		0.0626			
4/13/2016			0.0328 (D)		0.0164 (D)
4/19/2016	0.099			0.0415	
6/20/2016		0.057	0.03		
6/22/2016	0.074				0.0238
8/12/2016		0.053			
8/15/2016			0.033		0.02
8/16/2016	0.045				
10/6/2016	0.046	0.053	0.032		0.021
10/10/2016				0.034	
11/30/2016		0.06			
12/1/2016	0.046		0.034	0.037	0.025
2/8/2017					0.017
2/9/2017	0.055	0.054	0.032	0.043	
4/6/2017	0.057	0.055			0.019
4/7/2017			0.031	0.019	
6/21/2017	0.062	0.063		0.017	0.026
6/22/2017			0.035		
8/15/2017				0.021	
9/1/2017				0.02	
10/5/2017	0.052				0.022

Time Series

Constituent: Barium, Total (mg/L) Analysis Run 6/24/2024 1:09 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
10/6/2017		0.054	0.034		
10/9/2017				0.019	
3/21/2018		0.056			<0.021 (X)
3/22/2018	0.048		0.035	0.019	
10/2/2018					0.023
10/3/2018	0.036	0.051			
10/4/2018			0.031	0.012	
3/26/2019		0.052			
3/27/2019	0.038		0.033	0.025	0.018
9/11/2019	0.039	0.059	0.035	0.022	0.028
3/18/2020	0.04	0.05		0.043	0.013
3/19/2020			0.036		
9/9/2020	0.033			0.053	0.025
9/10/2020		0.056	0.039		
4/1/2021	0.04		0.036		0.018
4/5/2021		0.054		0.045	
8/11/2021		0.054	0.036		
8/12/2021	0.036			0.026	0.023
2/15/2022	0.038	0.057	0.035	0.048	0.023
8/25/2022	0.031	0.055	0.035	0.03	0.04
2/27/2023		0.052	0.036	0.055	0.025
2/28/2023	0.038				
8/8/2023	0.031	0.046	0.034	0.051	0.027
2/29/2024	0.042	0.06	0.041	0.042	
3/1/2024					0.026

Time Series

Constituent: Beryllium, T Total (mg/L) Analysis Run 6/24/2024 1:09 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
5/8/2010			<0.0025		
5/9/2010	<0.0025	<0.0025			
5/10/2010					<0.0025
5/11/2010				<0.0025	
6/16/2010		<0.0025	<0.0025		<0.0025
6/17/2010				<0.0025	
6/18/2010	<0.0025				
7/26/2010			<0.0025		
7/27/2010		<0.0025		<0.0025	
7/28/2010	<0.0025				<0.0025
9/7/2010		<0.0025	<0.0025		
9/8/2010					<0.0025
9/9/2010	<0.0025			<0.0025	
4/28/2011				<0.0025	
4/29/2011		<0.0025	<0.0025		<0.0025
4/30/2011	<0.0025				
10/27/2011					<0.0025
10/28/2011	<0.0025	<0.0025	<0.0025		
10/29/2011				<0.0025	
5/2/2012	<0.0025	<0.0025	<0.0025		
5/3/2012				<0.0025	
5/4/2012					<0.0025
11/9/2012	<0.0025	<0.0025	0.0021	<0.0025	
11/11/2012					<0.0025
5/8/2013	<0.0025	<0.0025	<0.0025		
5/9/2013				<0.0025	<0.0025
11/5/2013	<0.0025			<0.0025	<0.0025
11/6/2013		<0.0025	<0.0025		
5/20/2014	<0.0025	<0.0025	<0.0025		
5/21/2014					<0.0025
5/23/2014				<0.0025	
11/8/2014		<0.0025	<0.0025		
11/12/2014	<0.0025				<0.0025
11/13/2014				<0.0025	
5/22/2015	<0.0025	<0.0025	<0.0025		
5/23/2015				<0.0025	<0.0025
11/9/2015		<0.0025	<0.0025		
11/11/2015	<0.0025			<0.0025	
11/12/2015					<0.0025
4/6/2016	<0.0025	<0.0025	<0.0025		
4/12/2016				<0.0025	
4/13/2016					<0.0025 (D)
6/15/2016	<0.0025	<0.0025	<0.0025		
6/16/2016				<0.0025	
6/21/2016					<0.0025
8/10/2016	<0.0025	<0.0025	<0.0025		
8/11/2016				<0.0025	
8/15/2016					<0.0025
10/4/2016	<0.0025	<0.0025		<0.0025	
10/5/2016			<0.0025		<0.0025
11/29/2016		<0.0025	<0.0025		
11/30/2016	<0.0025			<0.0025	

Time Series

Constituent: Beryllium, T Total (mg/L) Analysis Run 6/24/2024 1:09 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
12/1/2016					<0.0025
2/7/2017	<0.0025	<0.0025	<0.0025	<0.0025	
2/8/2017					<0.0025
4/4/2017	<0.0025	<0.0025	<0.0025		
4/5/2017				<0.0025	
4/6/2017					<0.0025
6/20/2017	<0.0025	<0.0025	<0.0025	<0.0025	
6/21/2017					<0.0025
10/4/2017	<0.0025			<0.0025	
10/5/2017		<0.0025	<0.0025		<0.0025
3/20/2018	<0.0025 (D)	<0.0025	<0.0025	<0.0025	
3/21/2018					<0.0025
10/2/2018	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/26/2019	<0.0025	<0.0025	<0.0025	<0.0025	
3/27/2019					<0.0025
9/10/2019	<0.0025	<0.0025	<0.0025	<0.0025	
9/11/2019					<0.0025
3/18/2020	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
9/9/2020	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
4/1/2021	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
8/11/2021	<0.0025	<0.0025	<0.0025		
8/17/2021					<0.0025
8/18/2021				<0.0025	
2/15/2022	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
8/24/2022			<0.0025	<0.0025	
8/25/2022	<0.0025	<0.0025			<0.0025
2/21/2023					<0.0025
2/27/2023				<0.0025	
2/28/2023	<0.0025	<0.0025	<0.0025		
8/3/2023	<0.0025	<0.0025	<0.0025		
8/9/2023				<0.0025	<0.0025
2/28/2024		<0.0025	<0.0025		
3/1/2024				<0.0025	<0.0025
3/4/2024	<0.0025				

Time Series

Constituent: Beryllium, T Total (mg/L) Analysis Run 6/24/2024 1:09 PM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
5/9/2010		<0.0025	<0.0025	<0.0025	
5/10/2010	<0.0025				<0.0025
6/16/2010	<0.0025				<0.0025
6/18/2010		<0.0025	<0.0025	<0.0025	
7/26/2010					<0.0025
7/27/2010	<0.0025	<0.0025			
7/28/2010				<0.0025	
7/29/2010			<0.0025		
9/7/2010					<0.0025
9/8/2010	<0.0025	<0.0025			
9/9/2010			<0.0025	<0.0025	
4/26/2011			<0.0025		
4/29/2011	<0.0025	<0.0025			<0.0025
4/30/2011				<0.0025	
10/27/2011	<0.0025				
10/28/2011		<0.0025	<0.0025	<0.0025	<0.0025
5/2/2012					<0.0025
5/3/2012		<0.0025		<0.0025	
5/4/2012	<0.0025		<0.0025		
11/9/2012					<0.0025
11/10/2012	<0.0025	<0.0025		<0.0025	
11/11/2012			<0.0025		
5/8/2013			<0.0025	<0.0025	<0.0025
5/9/2013	<0.0025	<0.0025			
11/5/2013				<0.0025	
11/6/2013	<0.0025	<0.0025			<0.0025
11/7/2013			<0.0025		
5/20/2014	<0.0025	<0.0025	<0.0025	<0.0025	
5/23/2014					<0.0025
11/8/2014					<0.0025
11/12/2014	<0.0025	<0.0025	<0.0025	<0.0025	
5/22/2015					<0.0025
5/23/2015		<0.0025			
5/24/2015	<0.0025		<0.0025	<0.0025	
11/10/2015					<0.0025
11/11/2015				<0.0025	
11/12/2015	<0.0025	<0.0025	<0.0025		
4/11/2016					<0.0025
4/13/2016	<0.0025 (D)	<0.0025 (D)	<0.0025 (D)	<0.0025 (D)	
6/16/2016					<0.0025
6/21/2016	<0.0025	<0.0025	<0.0025	<0.0025	
8/11/2016					<0.0025
8/15/2016	<0.0025	<0.0025	<0.0025	<0.0025	
10/4/2016				<0.0025	
10/5/2016	<0.0025	<0.0025			<0.0025
10/7/2016			<0.0025		
11/29/2016					<0.0025
12/1/2016	<0.0025	<0.0025	<0.0025	<0.0025	
2/7/2017				<0.0025	
2/8/2017	<0.0025	<0.0025			<0.0025
2/9/2017			<0.0025		
4/5/2017		<0.0025			

Time Series

Constituent: Beryllium, T Total (mg/L) Analysis Run 6/24/2024 1:09 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
4/6/2017	<0.0025		<0.0025	<0.0025	<0.0025
6/20/2017	<0.0025	<0.0025		<0.0025	
6/21/2017					<0.0025
6/22/2017			<0.0025		
10/5/2017	<0.0025	<0.0025		<0.0025	<0.0025
10/6/2017			<0.0025		
3/20/2018				<0.0025	<0.0025
3/21/2018	<0.0025	<0.0025 (D)			
3/22/2018			<0.0025		
10/2/2018	<0.0025	<0.0025		<0.0025	<0.0025
10/3/2018			<0.0025		
3/26/2019		<0.0025	<0.0025	<0.0025	<0.0025
3/27/2019	<0.0025				
9/11/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/18/2020	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
9/9/2020				<0.0025	<0.0025
9/10/2020	<0.0025	<0.0025	<0.0025		
4/1/2021	<0.0025	<0.0025		<0.0025	<0.0025
4/6/2021			<0.0025		
8/11/2021	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
2/16/2022	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
8/25/2022	<0.0025				<0.0025
8/26/2022		<0.0025	<0.0025	<0.0025	
2/27/2023	<0.0025	<0.0025	<0.0025	<0.0025	
2/28/2023					<0.0025
8/9/2023	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
2/29/2024	<0.0025	<0.0025			<0.0025
3/1/2024			<0.0025	<0.0025	

Time Series

Constituent: Beryllium, T Total (mg/L) Analysis Run 6/24/2024 1:09 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
5/11/2010	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
6/16/2010	<0.0025				
6/17/2010			<0.0025	<0.0025	<0.0025
6/19/2010		<0.0025			
7/27/2010	<0.0025	<0.0025	<0.0025		
7/28/2010				<0.0025	<0.0025
9/7/2010	<0.0025		<0.0025	<0.0025	
9/8/2010					<0.0025
9/9/2010		<0.0025			
4/28/2011		<0.0025			<0.0025
4/29/2011	<0.0025		<0.0025	<0.0025	
10/28/2011	<0.0025	<0.0025	<0.0025	<0.0025	
10/29/2011					<0.0025
5/2/2012	<0.0025				
5/3/2012		<0.0025	<0.0025	<0.0025	<0.0025
11/9/2012	<0.0025	<0.0025		<0.0025	
11/10/2012			<0.0025		<0.0025
5/9/2013	<0.0025	<0.0025	<0.0025		
5/10/2013				<0.0025	<0.0025
11/5/2013		<0.0025			
11/6/2013	<0.0025		<0.0025	<0.0025	<0.0025
5/22/2014	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
11/8/2014	<0.0025				
11/9/2014			<0.0025	<0.0025	<0.0025
11/13/2014		<0.0025			
5/22/2015				<0.0025	<0.0025
5/23/2015	<0.0025				
5/24/2015		<0.0025	<0.0025		
11/10/2015	<0.0025		<0.0025	<0.0025	
11/11/2015		<0.0025			<0.0025
4/11/2016	<0.0025				
4/12/2016		<0.0025	<0.0025	<0.0025 (D)	<0.0025
6/16/2016	<0.0025	<0.0025	<0.0025		
6/20/2016				<0.0025	<0.0025
8/11/2016	<0.0025	<0.0025	<0.0025		
8/12/2016				<0.0025	<0.0025
10/4/2016		<0.0025			
10/5/2016	<0.0025		<0.0025	<0.0025	
10/6/2016					<0.0025
11/29/2016	<0.0025				
11/30/2016		<0.0025	<0.0025	<0.0025	<0.0025
2/7/2017		<0.0025			
2/8/2017	<0.0025		<0.0025	<0.0025	<0.0025
4/5/2017	<0.0025				
4/6/2017		<0.0025	<0.0025	<0.0025	<0.0025
6/20/2017		<0.0025			
6/21/2017	<0.0025		<0.0025	<0.0025	
6/22/2017					<0.0025
10/4/2017		<0.0025			
10/5/2017	<0.0025		<0.0025	<0.0025	
10/6/2017					<0.0025
3/20/2018	<0.0025	<0.0025			

Time Series

Constituent: Beryllium, T Total (mg/L) Analysis Run 6/24/2024 1:09 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
3/21/2018			<0.0025	<0.0025	<0.0025
10/2/2018	<0.0025	<0.0025			
10/3/2018			<0.0025	<0.0025	<0.0025
3/26/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
9/10/2019		<0.0025		<0.0025	<0.0025
9/12/2019	<0.0025		<0.0025		
3/18/2020		<0.0025		<0.0025	
3/19/2020	<0.0025		<0.0025		<0.0025
9/9/2020	<0.0025	<0.0025			
9/10/2020			<0.0025	<0.0025	<0.0025
4/1/2021		<0.0025			
4/2/2021					<0.0025
4/5/2021	<0.0025		<0.0025		
4/6/2021				<0.0025	
8/11/2021	<0.0025		<0.0025		
8/12/2021		<0.0025		<0.0025	<0.0025
2/15/2022		<0.0025		<0.0025	<0.0025
2/16/2022	<0.0025		<0.0025		
8/25/2022	<0.0025		<0.0025	<0.0025	<0.0025
8/26/2022		<0.0025			
2/27/2023		<0.0025			<0.0025
2/28/2023	<0.0025		<0.0025	<0.0025	
8/8/2023	<0.0025		<0.0025		<0.0025
8/9/2023		<0.0025		<0.0025	
2/29/2024	<0.0025				<0.0025
3/1/2024		<0.0025	<0.0025		
3/4/2024				<0.0025	

Time Series

Constituent: Beryllium, T Total (mg/L) Analysis Run 6/24/2024 1:09 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
5/10/2010			<0.0025	<0.0025	<0.0025
5/11/2010	<0.0025	<0.0025			
6/16/2010					<0.0025
6/18/2010	<0.0025	<0.0025	<0.0025		
6/19/2010				<0.0025	
7/27/2010	<0.0025	<0.0025			<0.0025
7/28/2010			<0.0025	<0.0025	
9/8/2010				<0.0025	<0.0025
9/9/2010	<0.0025	<0.0025	<0.0025		
4/29/2011	<0.0025				<0.0025
4/30/2011		<0.0025	<0.0025	<0.0025	
10/27/2011				<0.0025	<0.0025
10/28/2011	<0.0025				
10/29/2011		<0.0025	<0.0025		
5/3/2012					<0.0025
5/4/2012	<0.0025	<0.0025	<0.0025	<0.0025	
11/10/2012	<0.0025	<0.0025	<0.0025		
11/11/2012				<0.0025	<0.0025
5/9/2013	<0.0025	<0.0025	<0.0025		<0.0025
5/10/2013				<0.0025	
11/6/2013	<0.0025				<0.0025
11/7/2013		<0.0025	<0.0025	<0.0025	
5/21/2014		<0.0025	<0.0025	<0.0025	<0.0025
5/22/2014	<0.0025				
11/9/2014	<0.0025	<0.0025			
11/12/2014			<0.0025		<0.0025
11/13/2014				<0.0025	
5/23/2015				<0.0025	<0.0025
5/24/2015	<0.0025	<0.0025	<0.0025		
11/11/2015	<0.0025	<0.0025	<0.0025	<0.0025	
11/12/2015					<0.0025
4/12/2016		<0.0025			
4/13/2016			<0.0025 (D)		<0.0025 (D)
4/19/2016	<0.0025			<0.0025	
6/20/2016		<0.0025	<0.0025		
6/22/2016	<0.0025				<0.0025
8/12/2016		<0.0025			
8/15/2016			<0.0025		<0.0025
8/16/2016	<0.0025				
10/6/2016	<0.0025	<0.0025	<0.0025		<0.0025
10/10/2016				<0.0025	
11/30/2016		<0.0025			
12/1/2016	<0.0025		<0.0025	<0.0025	<0.0025
2/8/2017					<0.0025
2/9/2017	<0.0025	<0.0025	<0.0025	<0.0025	
4/6/2017	<0.0025	<0.0025			<0.0025
4/7/2017			<0.0025	<0.0025	
6/21/2017	<0.0025	<0.0025		<0.0025	<0.0025
6/22/2017			<0.0025		
8/15/2017				<0.0025	
9/1/2017				<0.0025	
10/5/2017	<0.0025				<0.0025

Time Series

Constituent: Beryllium, T Total (mg/L) Analysis Run 6/24/2024 1:09 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
10/6/2017		<0.0025	<0.0025		
10/9/2017				<0.0025	
3/21/2018		<0.0025			<0.0025
3/22/2018	<0.0025		<0.0025	<0.0025	
10/2/2018					<0.0025
10/3/2018	<0.0025	<0.0025			
10/4/2018			<0.0025	<0.0025	
3/26/2019		<0.0025			
3/27/2019	<0.0025		<0.0025	<0.0025	<0.0025
9/11/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/18/2020	<0.0025	<0.0025		<0.0025	<0.0025
3/19/2020			<0.0025		
9/9/2020	<0.0025			<0.0025	<0.0025
9/10/2020		<0.0025	0.00018 (J)		
4/1/2021	<0.0025		<0.0025		<0.0025
4/5/2021		<0.0025		0.00038 (J)	
8/11/2021		<0.0025	<0.0025		
8/12/2021	0.00022 (J)			<0.0025	<0.0025
2/15/2022	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
8/25/2022	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
2/27/2023		<0.0025	<0.0025	<0.0025	<0.0025
2/28/2023	<0.0025				
8/8/2023	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
2/29/2024	<0.0025	<0.0025	<0.0025	<0.0025	
3/1/2024					<0.0025

Time Series

Constituent: Boron (mg/L) Analysis Run 6/24/2024 1:09 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
4/6/2016	<0.08	<0.08	<0.08		
4/12/2016				<0.08	
4/13/2016					<0.08 (D)
6/15/2016	<0.08	<0.08	0.0028 (J)		
6/16/2016				<0.08	
6/21/2016					<0.08
8/10/2016	<0.08	<0.08	<0.08		
8/11/2016				<0.08	
8/15/2016					<0.08
10/4/2016	<0.08	<0.08		<0.08	
10/5/2016			<0.08		<0.08
11/29/2016		<0.08	<0.08		
11/30/2016	<0.08			<0.08	
12/1/2016					<0.08
2/7/2017	<0.08	<0.08	<0.08	<0.08	
2/8/2017					<0.08
4/4/2017	<0.08	<0.08	<0.08		
4/5/2017				<0.08	
4/6/2017					<0.08
6/20/2017	<0.08	<0.08	<0.08	<0.08	
6/21/2017					<0.08
10/4/2017	<0.08			<0.08	
10/5/2017		<0.08	<0.08		<0.08
3/20/2018	<0.08 (D)	<0.08	<0.08	<0.08	
3/21/2018					<0.08
10/2/2018	<0.08	<0.08	<0.08	<0.08	<0.08
3/26/2019	<0.08	<0.08	<0.08	<0.08	
3/27/2019					<0.08
9/10/2019	<0.08	<0.08	<0.08	<0.08	
9/11/2019					<0.08
3/18/2020	<0.08	<0.08	<0.08	<0.08	<0.08
9/9/2020	<0.08	<0.08	<0.08	<0.08	<0.08
4/1/2021	<0.08	<0.08	<0.08	0.053 (J)	<0.08
8/11/2021	<0.08	<0.08	<0.08		
8/17/2021					<0.08
8/18/2021				<0.08	
2/15/2022	<0.08	<0.08	<0.08	<0.08	<0.08
8/24/2022			<0.08	<0.08	
8/25/2022	<0.08	<0.08			0.11
12/28/2022					0.098 (R)
2/21/2023					<0.08
2/27/2023				<0.08	
2/28/2023	<0.08	<0.08	<0.08		
8/3/2023	0.03 (J)	<0.08	<0.08		
8/9/2023				<0.08	<0.08
2/28/2024		<0.08	<0.08		
3/1/2024				<0.08	<0.08
3/4/2024	<0.08				

Time Series

Constituent: Boron (mg/L) Analysis Run 6/24/2024 1:09 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
4/11/2016					<0.08
4/13/2016	<0.08 (D)	<0.08 (D)	<0.08 (D)	<0.08 (D)	
6/16/2016					<0.08
6/21/2016	<0.08	<0.08	<0.08	<0.08	
8/11/2016					<0.08
8/15/2016	<0.08	<0.08	<0.08	<0.08	
10/4/2016				<0.08	
10/5/2016	<0.08	<0.08			<0.08
10/7/2016			<0.08		
11/29/2016					<0.08
12/1/2016	<0.08	<0.08	<0.08	<0.08	
2/7/2017				<0.08	
2/8/2017	<0.08	<0.08			<0.08
2/9/2017			<0.08		
4/5/2017		<0.08			
4/6/2017	<0.08		<0.08	<0.08	<0.08
6/20/2017	<0.08	<0.08		<0.08	
6/21/2017					<0.08
6/22/2017			<0.08		
10/5/2017	<0.08	<0.08		<0.08	<0.08
10/6/2017			<0.08		
3/20/2018				<0.08	<0.08
3/21/2018	<0.08	<0.08 (D)			
3/22/2018			<0.08		
10/2/2018	<0.08	<0.08		<0.08	<0.08
10/3/2018			<0.08		
3/26/2019		<0.08	<0.08	<0.08	<0.08
3/27/2019	<0.08				
9/11/2019	<0.08	<0.08	<0.08	<0.08	<0.08
3/18/2020	<0.08	<0.08	<0.08	<0.08	<0.08
9/9/2020				<0.08	<0.08
9/10/2020	<0.08	<0.08	<0.08		
4/1/2021	<0.08	<0.08		<0.08	<0.08
4/6/2021			0.056 (J)		
8/11/2021	<0.08	<0.08	<0.08	<0.08	<0.08
2/16/2022	<0.08	<0.08	<0.08	<0.08	<0.08
8/25/2022	<0.08				<0.08
8/26/2022		<0.08	<0.08	<0.08	
2/27/2023	<0.08	<0.08	<0.08	<0.08	
2/28/2023					<0.08
8/9/2023	<0.08	<0.08	<0.08	<0.08	<0.08
2/29/2024	<0.08	0.024 (J)			<0.08
3/1/2024			<0.08	<0.08	

Time Series

Constituent: Boron (mg/L) Analysis Run 6/24/2024 1:09 PM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
4/11/2016	<0.08				
4/12/2016		<0.08	<0.08	<0.08 (D)	<0.08
6/16/2016	<0.08	<0.08	<0.08		
6/20/2016				<0.08	<0.08
8/11/2016	<0.08	<0.08	<0.08		
8/12/2016				<0.08	<0.08
10/4/2016		<0.08			
10/5/2016	<0.08		<0.08	<0.08	
10/6/2016					<0.08
11/29/2016	<0.08				
11/30/2016		<0.08	<0.08	<0.08	<0.08
2/7/2017		<0.08			
2/8/2017	<0.08		<0.08	<0.08	<0.08
4/5/2017	<0.08				
4/6/2017		<0.08	<0.08	<0.08	<0.08
6/20/2017		<0.08			
6/21/2017	<0.08		<0.08	<0.08	
6/22/2017					<0.08
10/4/2017		<0.08			
10/5/2017	<0.08		<0.08	<0.08	
10/6/2017					<0.08
3/20/2018	<0.08	<0.08			
3/21/2018			<0.08	<0.08	<0.08
10/2/2018	<0.08	<0.08			
10/3/2018			<0.08	<0.08	<0.08
3/26/2019	<0.08	<0.08	<0.08	<0.08	<0.08
9/10/2019		<0.08		<0.08	<0.08
9/12/2019	<0.08		<0.08		
3/18/2020		<0.08		<0.08	
3/19/2020	<0.08		<0.08		<0.08
9/9/2020	<0.08	<0.08			
9/10/2020			<0.08	<0.08	<0.08
4/1/2021		<0.08			
4/2/2021					<0.08
4/5/2021	<0.08		<0.08		
4/6/2021				0.078 (J)	
8/11/2021	<0.08		<0.08		
8/12/2021		<0.08		<0.08	<0.08
2/15/2022		<0.08		<0.08	<0.08
2/16/2022	<0.08		<0.08		
8/25/2022	<0.08		0.12	<0.08	<0.08
8/26/2022		<0.08			
12/28/2022			<0.08 (R)		
2/27/2023		<0.08			<0.08
2/28/2023	<0.08		<0.08	<0.08	
8/8/2023	<0.08		<0.08		<0.08
8/9/2023		<0.08		<0.08	
2/29/2024	<0.08				<0.08
3/1/2024		0.023 (J)	0.025 (J)		
3/4/2024				<0.08	

Time Series

Constituent: Boron (mg/L) Analysis Run 6/24/2024 1:09 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
4/12/2016		<0.08			
4/13/2016			<0.08 (D)		0.0774 (JD)
4/19/2016	<0.1			0.145	
6/20/2016		<0.08	<0.08		
6/22/2016	0.238				0.0663 (J)
8/12/2016		<0.08			
8/15/2016			<0.08		0.093
8/16/2016	0.39				
10/6/2016	0.34	<0.08	<0.08		0.096
10/10/2016				0.12	
11/30/2016		<0.08			
12/1/2016	0.37		<0.08	0.12	0.12
2/8/2017					0.094
2/9/2017	0.38	<0.08	<0.08	0.13	
4/6/2017	0.4	<0.08			0.11
4/7/2017			<0.08	0.21	
6/21/2017	0.39	<0.08		0.23	0.1
6/22/2017			<0.08		
8/15/2017				0.27	
9/1/2017				0.24	
10/5/2017	0.47				0.083
10/6/2017		<0.08	<0.08		
3/21/2018		<0.08			0.089
3/22/2018	0.48		<0.08	0.25	
10/2/2018					0.083
10/3/2018	0.47	<0.08			
10/4/2018			<0.08	0.21	
3/26/2019		<0.08			
3/27/2019	0.33		<0.08	0.16	0.067
9/11/2019	0.31	<0.08	<0.08	0.21	0.083
3/18/2020	0.26	<0.08		0.16	0.058 (J)
3/19/2020			<0.08		
9/9/2020	0.24			0.13	0.088
9/10/2020		<0.08	<0.08		
4/1/2021	0.23		<0.08		0.059 (J)
4/5/2021		0.042 (J)		0.18	
8/11/2021		0.057 (J)	0.056 (J)		
8/12/2021	0.19			0.23	0.1
2/15/2022	0.19	<0.08	<0.08	0.13	0.07 (J)
8/25/2022	0.19	<0.08	<0.08	0.18	0.13
2/27/2023		<0.08	<0.08	0.14	0.082
2/28/2023	0.19				
8/8/2023	0.15	<0.08	<0.08	0.14	0.087
2/29/2024	0.17	<0.08	<0.08	0.15	
3/1/2024					0.085

Time Series

Constituent: Cadmium, Total (mg/L) Analysis Run 6/24/2024 1:09 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
5/8/2010			<0.0025		
5/9/2010	<0.0025	<0.0025			
5/10/2010					<0.0025
5/11/2010				<0.0025	
6/16/2010		<0.0025	<0.0025		<0.0025
6/17/2010				<0.0025	
6/18/2010	<0.0025				
7/26/2010			<0.0025		
7/27/2010		<0.0025		<0.0025	
7/28/2010	<0.0025				<0.0025
9/7/2010		<0.0025	<0.0025		
9/8/2010					<0.0025
9/9/2010	<0.0025			<0.0025	
4/28/2011				<0.0025	
4/29/2011		<0.0025	<0.0025		<0.0025
4/30/2011	<0.0025				
10/27/2011					<0.0025
10/28/2011	<0.0025	<0.0025	<0.0025		
10/29/2011				<0.0025	
5/2/2012	<0.0025	<0.0025	<0.0025		
5/3/2012				<0.0025	
5/4/2012					<0.0025
11/9/2012	<0.0025	<0.0025	<0.0025	<0.0025	
11/11/2012					<0.0025
5/8/2013	<0.0025	<0.0025	<0.0025		
5/9/2013				<0.0025	<0.0025
11/5/2013	<0.0025			<0.0025	<0.0025
11/6/2013		<0.0025	<0.0025		
5/20/2014	<0.0025	<0.0025	<0.0025		
5/21/2014					<0.0025
5/23/2014				<0.0025	
11/8/2014		<0.0025	<0.0025		
11/12/2014	<0.0025				<0.0025
11/13/2014				<0.0025	
5/22/2015	<0.0025	<0.0025	<0.0025		
5/23/2015				<0.0025	<0.0025
11/9/2015		<0.0025	<0.0025		
11/11/2015	<0.0025			<0.0025	
11/12/2015					<0.0025
4/6/2016	<0.0025	<0.0025	<0.0025		
4/12/2016				<0.0025	
4/13/2016					<0.0025 (D)
6/15/2016	<0.0025	<0.0025	<0.0025		
6/16/2016				<0.0025	
6/21/2016					<0.0025
8/10/2016	<0.0025	<0.0025	<0.0025		
8/11/2016				<0.0025	
8/15/2016					<0.0025
10/4/2016	<0.0025	<0.0025		<0.0025	
10/5/2016			<0.0025		<0.0025
11/29/2016		<0.0025	<0.0025		
11/30/2016	<0.0025			<0.0025	

Time Series

Constituent: Cadmium, T Total (mg/L) Analysis Run 6/24/2024 1:09 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
12/1/2016					<0.0025
2/7/2017	<0.0025	<0.0025	<0.0025	<0.0025	
2/8/2017					<0.0025
4/4/2017	<0.0025	<0.0025	<0.0025		
4/5/2017				<0.0025	
4/6/2017					<0.0025
6/20/2017	<0.0025	<0.0025	<0.0025	<0.0025	
6/21/2017					<0.0025
10/4/2017	<0.0025			<0.0025	
10/5/2017		<0.0025	<0.0025		<0.0025
3/20/2018	<0.0025 (D)	<0.0025	<0.0025	<0.0025	
3/21/2018					<0.0025
10/2/2018	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/26/2019	<0.0025	<0.0025	<0.0025	<0.0025	
3/27/2019					<0.0025
9/10/2019	<0.0025	<0.0025	0.00013 (J)	<0.0025	
9/11/2019					<0.0025
3/18/2020	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
9/9/2020	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
4/1/2021	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
8/11/2021	<0.0025	<0.0025	<0.0025		
8/17/2021					<0.0025
8/18/2021				<0.0025	
2/15/2022	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
8/24/2022			<0.0025	<0.0025	
8/25/2022	<0.0025	<0.0025			<0.0025
2/21/2023					<0.0025
2/27/2023				<0.0025	
2/28/2023	<0.0025	<0.0025	<0.0025		
8/3/2023	<0.0025	<0.0025	<0.0025		
8/9/2023				<0.0025	<0.0025
2/28/2024		<0.0025	<0.0025		
3/1/2024				<0.0025	<0.0025
3/4/2024	<0.0025				

Time Series

Constituent: Cadmium, Total (mg/L) Analysis Run 6/24/2024 1:09 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
5/9/2010		<0.0025	<0.0025	<0.0025	
5/10/2010	<0.0025				<0.0025
6/16/2010	<0.0025				<0.0025
6/18/2010		<0.0025	<0.0025	<0.0025	
7/26/2010					<0.0025
7/27/2010	<0.0025	<0.0025			
7/28/2010				<0.0025	
7/29/2010			<0.0025		
9/7/2010					<0.0025
9/8/2010	<0.0025	<0.0025			
9/9/2010			<0.0025	<0.0025	
4/26/2011			<0.0025		
4/29/2011	<0.0025	<0.0025			<0.0025
4/30/2011				<0.0025	
10/27/2011	<0.0025				
10/28/2011		<0.0025	<0.0025	<0.0025	<0.0025
5/2/2012					<0.0025
5/3/2012		<0.0025		<0.0025	
5/4/2012	<0.0025		<0.0025		
11/9/2012					<0.0025
11/10/2012	<0.0025	<0.0025		<0.0025	
11/11/2012			<0.0025		
5/8/2013			<0.0025	<0.0025	<0.0025
5/9/2013	<0.0025	<0.0025			
11/5/2013				<0.0025	
11/6/2013	<0.0025	<0.0025			<0.0025
11/7/2013			<0.0025		
5/20/2014	<0.0025	<0.0025	<0.0025	<0.0025	
5/23/2014					<0.0025
11/8/2014					<0.0025
11/12/2014	<0.0025	<0.0025	<0.0025	<0.0025	
5/22/2015					<0.0025
5/23/2015		<0.0025			
5/24/2015	<0.0025		<0.0025	<0.0025	
11/10/2015					<0.0025
11/11/2015				<0.0025	
11/12/2015	<0.0025	<0.0025	<0.0025		
4/11/2016					<0.0025
4/13/2016	<0.0025 (D)	<0.0025 (D)	<0.0025 (D)	<0.0025 (D)	
6/16/2016					<0.0025
6/21/2016	<0.0025	<0.0025	<0.0025	<0.0025	
8/11/2016					<0.0025
8/15/2016	<0.0025	<0.0025	<0.0025	<0.0025	
10/4/2016				<0.0025	
10/5/2016	<0.0025	<0.0025			<0.0025
10/7/2016			<0.0025		
11/29/2016					<0.0025
12/1/2016	<0.0025	<0.0025	<0.0025	<0.0025	
2/7/2017				<0.0025	
2/8/2017	<0.0025	<0.0025			<0.0025
2/9/2017			<0.0025		
4/5/2017		<0.0025			

Time Series

Constituent: Cadmium, T Total (mg/L) Analysis Run 6/24/2024 1:09 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
4/6/2017	<0.0025		<0.0025	<0.0025	<0.0025
6/20/2017	<0.0025	<0.0025		<0.0025	
6/21/2017					<0.0025
6/22/2017			<0.0025		
10/5/2017	<0.0025	<0.0025		<0.0025	<0.0025
10/6/2017			<0.0025		
3/20/2018				<0.0025	<0.0025
3/21/2018	<0.0025	<0.0025 (D)			
3/22/2018			<0.0025		
10/2/2018	<0.0025	<0.0025		<0.0025	<0.0025
10/3/2018			<0.0025		
3/26/2019		<0.0025	<0.0025	<0.0025	<0.0025
3/27/2019	<0.0025				
9/11/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/18/2020	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
9/9/2020				<0.0025	<0.0025
9/10/2020	0.001 (J)	<0.0025	<0.0025		
4/1/2021	<0.0025	<0.0025		<0.0025	<0.0025
4/6/2021			<0.0025		
8/11/2021	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
2/16/2022	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
8/25/2022	<0.0025				<0.0025
8/26/2022		<0.0025	<0.0025	<0.0025	
2/27/2023	<0.0025	<0.0025	<0.0025	<0.0025	
2/28/2023					<0.0025
8/9/2023	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
2/29/2024	<0.0025	<0.0025			<0.0025
3/1/2024			<0.0025	<0.0025	

Time Series

Constituent: Cadmium, Total (mg/L) Analysis Run 6/24/2024 1:09 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
5/11/2010	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
6/16/2010	<0.0025				
6/17/2010			<0.0025	<0.0025	<0.0025
6/19/2010		<0.0025			
7/27/2010	<0.0025	<0.0025	<0.0025		
7/28/2010				<0.0025	<0.0025
9/7/2010	<0.0025		<0.0025	<0.0025	
9/8/2010					<0.0025
9/9/2010		<0.0025			
4/28/2011		<0.0025			<0.0025
4/29/2011	<0.0025		<0.0025	<0.0025	
10/28/2011	<0.0025	<0.0025	<0.0025	<0.0025	
10/29/2011					<0.0025
5/2/2012	<0.0025				
5/3/2012		<0.0025	<0.0025	<0.0025	<0.0025
11/9/2012	<0.0025	<0.0025		<0.0025	
11/10/2012			<0.0025		<0.0025
5/9/2013	<0.0025	<0.0025	<0.0025		
5/10/2013				<0.0025	<0.0025
11/5/2013		<0.0025			
11/6/2013	<0.0025		<0.0025	<0.0025	<0.0025
5/22/2014	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
11/8/2014	<0.0025				
11/9/2014			<0.0025	<0.0025	<0.0025
11/13/2014		<0.0025			
5/22/2015				<0.0025	<0.0025
5/23/2015	<0.0025				
5/24/2015		<0.0025	<0.0025		
11/10/2015	<0.0025		<0.0025	<0.0025	
11/11/2015		<0.0025			<0.0025
4/11/2016	<0.0025				
4/12/2016		<0.0025	<0.0025	<0.0025 (D)	<0.0025
6/16/2016	<0.0025	<0.0025	<0.0025		
6/20/2016				<0.0025	<0.0025
8/11/2016	<0.0025	<0.0025	<0.0025		
8/12/2016				<0.0025	<0.0025
10/4/2016		<0.0025			
10/5/2016	<0.0025		<0.0025	<0.0025	
10/6/2016					<0.0025
11/29/2016	<0.0025				
11/30/2016		<0.0025	<0.0025	<0.0025	<0.0025
2/7/2017		<0.0025			
2/8/2017	<0.0025		<0.0025	<0.0025	<0.0025
4/5/2017	<0.0025				
4/6/2017		<0.0025	<0.0025	<0.0025	<0.0025
6/20/2017		<0.0025			
6/21/2017	<0.0025		<0.0025	<0.0025	
6/22/2017					<0.0025
10/4/2017		<0.0025			
10/5/2017	<0.0025		<0.0025	<0.0025	
10/6/2017					<0.0025
3/20/2018	<0.0025	<0.0025			

Time Series

Constituent: Cadmium, T Total (mg/L) Analysis Run 6/24/2024 1:09 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
3/21/2018			<0.0025	<0.0025	<0.0025
10/2/2018	<0.0025	<0.0025			
10/3/2018			<0.0025	<0.0025	<0.0025
3/26/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
9/10/2019		<0.0025		<0.0025	<0.0025
9/12/2019	<0.0025		<0.0025		
3/18/2020		<0.0025		<0.0025	
3/19/2020	<0.0025		<0.0025		<0.0025
9/9/2020	<0.0025	<0.0025			
9/10/2020			<0.0025	<0.0025	<0.0025
4/1/2021		0.00038 (J)			
4/2/2021					<0.0025
4/5/2021	<0.0025		<0.0025		
4/6/2021				<0.0025	
8/11/2021	<0.0025		<0.0025		
8/12/2021		<0.0025		<0.0025	<0.0025
2/15/2022		<0.0025		<0.0025	<0.0025
2/16/2022	<0.0025		<0.0025		
8/25/2022	<0.0025		<0.0025	<0.0025	<0.0025
8/26/2022		<0.0025			
2/27/2023		<0.0025			<0.0025
2/28/2023	<0.0025		<0.0025	<0.0025	
8/8/2023	<0.0025		<0.0025		<0.0025
8/9/2023		<0.0025		<0.0025	
2/29/2024	<0.0025				<0.0025
3/1/2024		<0.0025	<0.0025		
3/4/2024				<0.0025	

Time Series

Constituent: Cadmium, Total (mg/L) Analysis Run 6/24/2024 1:09 PM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
5/10/2010			<0.0025	<0.0025	<0.0025
5/11/2010	<0.0025	<0.0025			
6/16/2010					<0.0025
6/18/2010	<0.0025	<0.0025	<0.0025		
6/19/2010				<0.0025	
7/27/2010	<0.0025	<0.0025			<0.0025
7/28/2010			<0.0025	<0.0025	
9/8/2010				0.001	<0.0025
9/9/2010	<0.0025	<0.0025	<0.0025		
4/29/2011	<0.0025				<0.0025
4/30/2011		<0.0025	<0.0025	0.0014	
10/27/2011				0.0011	<0.0025
10/28/2011	<0.0025				
10/29/2011		<0.0025	<0.0025		
5/3/2012					<0.0025
5/4/2012	<0.0025	<0.0025	<0.0025	<0.0025	
11/10/2012	<0.0025	<0.0025	<0.0025		
11/11/2012				<0.0025	<0.0025
5/9/2013	<0.0025	<0.0025	<0.0025		<0.0025
5/10/2013				0.0016	
11/6/2013	<0.0025				<0.0025
11/7/2013		<0.0025	<0.0025	0.001	
5/21/2014		<0.0025	<0.0025	<0.0025	<0.0025
5/22/2014	<0.0025				
11/9/2014	<0.0025	<0.0025			
11/12/2014			<0.0025		<0.0025
11/13/2014				<0.0025	
5/23/2015				<0.0025	<0.0025
5/24/2015	<0.0025	<0.0025	<0.0025		
11/11/2015	<0.0025	<0.0025	<0.0025	<0.0025	
11/12/2015					<0.0025
4/12/2016		<0.0025			
4/13/2016			<0.0025 (D)		<0.0025 (D)
4/19/2016	<0.0025			0.000379 (J)	
6/20/2016		<0.0025	<0.0025		
6/22/2016	<0.0025				<0.0025
8/12/2016		<0.0025			
8/15/2016			<0.0025		<0.0025
8/16/2016	<0.0025				
10/6/2016	<0.0025	<0.0025	<0.0025		<0.0025
10/10/2016				<0.0025	
11/30/2016		<0.0025			
12/1/2016	<0.0025		<0.0025	<0.0025	<0.0025
2/8/2017					<0.0025
2/9/2017	<0.0025	<0.0025	<0.0025	0.00037 (J)	
4/6/2017	<0.0025	<0.0025			<0.0025
4/7/2017			<0.0025	<0.0025	
6/21/2017	<0.0025	<0.0025		<0.0025	<0.0025
6/22/2017			<0.0025		
8/15/2017				<0.0025	
9/1/2017				<0.0025	
10/5/2017	<0.0025				<0.0025

Time Series

Constituent: Cadmium, T Total (mg/L) Analysis Run 6/24/2024 1:09 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
10/6/2017		<0.0025	<0.0025		
10/9/2017				<0.0025	
3/21/2018		<0.0025			<0.0025
3/22/2018	<0.0025		<0.0025	<0.0025	
10/2/2018					<0.0025
10/3/2018	<0.0025	<0.0025			
10/4/2018			<0.0025	<0.0025	
3/26/2019		<0.0025			
3/27/2019	<0.0025		<0.0025	<0.0025	<0.0025
9/11/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/18/2020	<0.0025	<0.0025		<0.0025	<0.0025
3/19/2020			<0.0025		
9/9/2020	<0.0025			<0.0025	<0.0025
9/10/2020		<0.0025	<0.0025		
4/1/2021	<0.0025		<0.0025		<0.0025
4/5/2021		<0.0025		0.0003 (J)	
8/11/2021		<0.0025	<0.0025		
8/12/2021	<0.0025			<0.0025	<0.0025
2/15/2022	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
8/25/2022	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
2/27/2023		<0.0025	<0.0025	<0.0025	<0.0025
2/28/2023	<0.0025				
8/8/2023	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
2/29/2024	<0.0025	<0.0025	<0.0025	<0.0025	
3/1/2024					<0.0025

Time Series

Constituent: Calcium (mg/L) Analysis Run 6/24/2024 1:09 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
4/6/2016	3.62	12.1	6.58		
4/12/2016				17.1	
4/13/2016					15.6 (D)
6/15/2016	4.5	11.8	6.9		
6/16/2016				19.8	
6/21/2016					14.4
8/10/2016	3.8	10	5.5		
8/11/2016				15	
8/15/2016					14
10/4/2016	5.3	14		17	
10/5/2016			6.8		17
11/29/2016		10	4.8		
11/30/2016	4.7			16	
12/1/2016					15
2/7/2017	3.8	12	7.8	17	
2/8/2017					17
4/4/2017	3.8	11	6.4		
4/5/2017				16	
4/6/2017					16
6/20/2017	4.1	11	7	17	
6/21/2017					16 (D)
10/4/2017	4.6			19	
10/5/2017		13	6.6		19
3/20/2018	4.2 (D)	12	6.6	18	
3/21/2018					17
10/2/2018	4.2	11	5.8	16	17
3/26/2019	4	11	6.7	16	
3/27/2019					16
9/10/2019	4.8	12	7.5	17	
9/11/2019					18
3/18/2020	3.8	12	7.3	19	20
9/9/2020	4	11	7.3	17	20
4/1/2021	4	12	7.8	18	19
8/11/2021	4.1	11	7.3		
8/17/2021					18
8/18/2021				18	
2/15/2022	3.6	10	7.1	16	17
8/24/2022			8.9	17	
8/25/2022	4.9	13			20
2/21/2023					20
2/27/2023				19	
2/28/2023	4.1	13	8.7		
8/3/2023	4.7	13	8.3		
8/9/2023				18	18
2/28/2024		15	9		
3/1/2024				18	20
3/4/2024	3.8				

Time Series

Constituent: Calcium (mg/L) Analysis Run 6/24/2024 1:09 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
4/11/2016					10.5
4/13/2016	12.8 (D)	1.18 (D)	5.71 (D)	6.55 (D)	
6/16/2016					11.6
6/21/2016	11.6	1.12	5.54	6.04	
8/11/2016					10
8/15/2016	11	0.95	5.8	5.9	
10/4/2016				6.6	
10/5/2016	14	1			11
10/7/2016			6.1		
11/29/2016					9.6
12/1/2016	12	0.92	5.8	5.4	
2/7/2017				6.1	
2/8/2017	13	1.2			10
2/9/2017			6.3		
4/5/2017		1.1			
4/6/2017	12		5.8	6.1	9.7
6/20/2017	13	0.96		6.6	
6/21/2017					9.7 (D)
6/22/2017			6.4 (D)		
10/5/2017	14	1.1		7.2	11
10/6/2017			7.4		
3/20/2018				6.6	11
3/21/2018	13	1.3 (D)			
3/22/2018			6.8		
10/2/2018	12	0.86		6.5	9.6
10/3/2018			6.4		
3/26/2019		1.1	6.3	6.4	9.6
3/27/2019	12				
9/11/2019	13	0.94	7	7.3	10
3/18/2020	14	1.6	9.3	6.9	11
9/9/2020				6.5	10
9/10/2020	13	1.1	6.7		
4/1/2021	13	1.2		6.2	11
4/6/2021			7.4		
8/11/2021	13	1	6.7	6.9	10
2/16/2022	12	1.1	6.7	6.3	9.7
8/25/2022	14				11
8/26/2022		0.99	7.5	7	
2/27/2023	14	1.2	8.1	7.3	
2/28/2023					11
8/9/2023	14	1.1	7.7	7.2	11
2/29/2024	14	1.4			11
3/1/2024			7.6	7.6	

Time Series

Constituent: Calcium (mg/L) Analysis Run 6/24/2024 1:09 PM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
4/11/2016	10.4				
4/12/2016		17	13.5	8.52 (D)	11
6/16/2016	12.2	19.7	15		
6/20/2016				7.7	10.1
8/11/2016	9.5	15	12		
8/12/2016				7.3	9.9
10/4/2016		18			
10/5/2016	11		14	8.4	
10/6/2016					12
11/29/2016	9.8				
11/30/2016		16	12	8	11
2/7/2017		18			
2/8/2017	10		14	9.3	13
4/5/2017	10				
4/6/2017		16	13	8.1	12
6/20/2017		17			
6/21/2017	10 (D)		13 (D)	9.2 (D)	
6/22/2017					13 (D)
10/4/2017		19			
10/5/2017	12		15	10	
10/6/2017					15
3/20/2018	12	18			
3/21/2018			14	9.3	15
10/2/2018	11	16			
10/3/2018			13	7.5	13
3/26/2019	11	17	12	7.3	13
9/10/2019		18		6.6	12
9/12/2019	14		14		
3/18/2020		18		5.9	
3/19/2020	14		14		14
9/9/2020	15	17			
9/10/2020			13	6.3	13
4/1/2021		17			
4/2/2021					15
4/5/2021	15		14		
4/6/2021				7.4	
8/11/2021			14		
8/12/2021		17		6.6	13
10/7/2021	17				
2/15/2022		16		6	15
2/16/2022	15		13		
8/25/2022	18		15	5.5	17
8/26/2022		18			
12/28/2022	19 (R)				20 (R)
2/27/2023		19			26
2/28/2023	18		16	5.9	
8/8/2023	18		16		25
8/9/2023		18		6.7	
2/29/2024	19				31
3/1/2024		18	17		
3/4/2024				8.9	

Time Series

Constituent: Calcium (mg/L) Analysis Run 6/24/2024 1:09 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
4/12/2016		17.8			
4/13/2016			14 (D)		18 (D)
4/19/2016	198			20	
6/20/2016		19.5	13.8		
6/22/2016	132				16.7
8/12/2016		17			
8/15/2016			13		16
8/16/2016	94				
10/6/2016	100	19	14		17
10/10/2016				19	
11/30/2016		19			
12/1/2016	100		13	18	17
2/8/2017					18
2/9/2017	120	18	14	20	
4/6/2017	140	18			17
4/7/2017			14	27	
6/21/2017	160 (D)	19 (D)		27 (D)	17 (D)
6/22/2017			14 (D)		
8/15/2017				29	
9/1/2017				32	
10/5/2017	130				19
10/6/2017		19	16		
3/21/2018		19			19
3/22/2018	130		15	30	
10/2/2018					16
10/3/2018	88	16			
10/4/2018			13	37	
3/26/2019		16			
3/27/2019	75		14	47	16
9/11/2019	46	19	14	37	17
3/18/2020	61	15		53	16
3/19/2020			15		
9/9/2020	35			64	16
9/10/2020		16	15		
4/1/2021	40		15		16
4/5/2021		16		52	
8/11/2021		16	14		
8/12/2021	46			37	18
2/15/2022	36	15	13	49	16
8/25/2022	37	19	16	39	21
12/28/2022					18 (R)
2/27/2023		17	16	64	20
2/28/2023	34				
8/8/2023	30	15	15	53	18
2/29/2024	30	20	17	49	
3/1/2024					20
5/7/2024			17 (R)		
5/20/2024		14 (R)			

Time Series

Constituent: Chloride (mg/L) Analysis Run 6/24/2024 1:09 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
4/6/2016	5.342	1.789	1.69		
4/12/2016				4.32	
4/13/2016					2.04 (D)
6/15/2016	5.2	2.1	1.9		
6/16/2016				3.8	
6/21/2016					2.2
8/10/2016	5.5	1.8	1.7		
8/11/2016				4	
8/15/2016					2.2
10/4/2016	5.4	1.7		3.6	
10/5/2016			1.6		2.1
11/29/2016		1.7	1.7		
11/30/2016	5.4			3.8	
12/1/2016					2.1
2/7/2017	5.1	1.6	1.6	4.3	
2/8/2017					2.3
4/4/2017	5.1	1.6	1.5		
4/5/2017				4.1	
4/6/2017					2.2
6/20/2017	5.2	1.6	1.5	3.9	
6/21/2017					2.3
10/4/2017	5.2			3.6	
10/5/2017		1.5	1.5		2.3
3/20/2018	5.6 (D)	1.5	1.4	3.9	
3/21/2018					2.3
10/2/2018	6.3	1.6	1.5	3.7	2.6
3/26/2019	5.5	1.5	1.3	3.6	
3/27/2019					2.4
9/10/2019	5.2	1.4	1.3	2.9	
9/11/2019					2.9
3/18/2020	5.4	1.7	2	4.2	4.1
9/9/2020	6.1	1.6	1.3	3.9	4.3
4/1/2021	7	1.8	1.5	4.2	4.4
8/11/2021	7.2	1.8	1.4		
8/17/2021					3.1
8/18/2021				4	
2/15/2022	6.5	1.6	1.4	4	4.6
8/24/2022			1.4	3.6	
8/25/2022	6.9	1.6			5
2/21/2023					4.3
2/27/2023				3.8	
2/28/2023	6.3	1.7	1.4		
8/3/2023	6.3	1.6	1.3		
8/9/2023				3.5	3.7
2/28/2024		1.6	1.4		
3/1/2024				4.2	5
3/4/2024	5.6				

Time Series

Constituent: Chloride (mg/L) Analysis Run 6/24/2024 1:09 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
4/11/2016					2.53
4/13/2016	1.78 (D)	1.8 (D)	1.82 (D)	2.71 (D)	
6/16/2016					2.5
6/21/2016	2	2	1.9	3	
8/11/2016					2.6
8/15/2016	1.9	1.8	1.6	3.1	
10/4/2016				3	
10/5/2016	1.8	1.7			2.5
10/7/2016			1.5		
11/29/2016					2.4
12/1/2016	1.8	1.7	1.4	3.1	
2/7/2017				2.9	
2/8/2017	1.8	1.7			2.5
2/9/2017			1.5		
4/5/2017		1.7			
4/6/2017	1.7		1.4	2.7	2.4
6/20/2017	1.7	1.6		2.9	
6/21/2017					2.4
6/22/2017			1.5		
10/5/2017	1.7	1.6		2.8	2.3
10/6/2017			1.3		
3/20/2018				2.7	2.3
3/21/2018	1.6	1.6 (D)			
3/22/2018			1.4		
10/2/2018	1.7	1.6		3	2.5
10/3/2018			1.5		
3/26/2019		1.7	1.6	2.5	2.7
3/27/2019	1.5				
9/11/2019	1.8	1.9	1.5	3.1	2.6
3/18/2020	1.9	2.1	1.6	3	2.7
9/9/2020				2.9	2.8
9/10/2020	1.9	1.8	1.7		
4/1/2021	1.9	2		3.8	2.8
4/6/2021			1.8		
8/11/2021	1.8	1.8	1.6	3.7	2.9
2/16/2022	1.7	1.9	1.5	3.2	2.7
8/25/2022	1.8				2.8
8/26/2022		1.7	1.5	3.3	
2/27/2023	1.8	1.9	1.5	3.5	
2/28/2023					2.8
8/9/2023	1.7	1.8	1.4	3.5	2.6
2/29/2024	2.2	2.3			3.2
3/1/2024			1.8	4.7	

Time Series

Constituent: Chloride (mg/L) Analysis Run 6/24/2024 1:09 PM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
4/11/2016	1.84				
4/12/2016		2.34	2.03	3.04 (D)	4.57
6/16/2016	1.9	2.4	2.2		
6/20/2016				3.1	3.1
8/11/2016	1.9	2.4	2.1		
8/16/2016				3.2	3.2
10/4/2016		2.2			
10/5/2016	1.7		1.9	3.2	
10/6/2016					3.4
11/29/2016	1.7				
11/30/2016		2.2	2	3.3	4.1
2/7/2017		2.1			
2/8/2017	1.7		2	3.5	7.2
4/5/2017	1.7				
4/6/2017		2.1	<1	3.4	7.4
6/20/2017		2.1			
6/21/2017	1.7		1.9	3.5	
6/22/2017					7.8
10/4/2017		2			
10/5/2017	1.6		1.9	3.5	
10/6/2017					9.1
3/20/2018	1.6	2			
3/21/2018			1.8	3.4	13
10/2/2018	1.7	2			
10/3/2018			2	3.5	13
3/26/2019	1.8	1.9	1.9	3	9.2
9/10/2019		1.7		2.5	5.1
9/12/2019	1.5		1.6		
3/18/2020		2.4		2.8	
3/19/2020	2.2		2.2		8.7
9/9/2020	2.4	2			
9/10/2020			2.1	2.7	9.7
4/1/2021		2.5			
4/2/2021					11
4/6/2021				2.9	
6/1/2021	2.6		2.1		
8/11/2021	2.8		2.1		
8/12/2021		2.5		3.3	12
2/15/2022		2.2		2.7	11
2/16/2022	2.4		2		
8/25/2022	2.4		2.1	3.2	11
8/26/2022		2.1			
2/27/2023		2.2			16
2/28/2023	2.6		2.2	3.1	
5/2/2023					24
8/8/2023	2.6		2.2		16
8/9/2023		2.1		3.2	
2/29/2024	3.1				21
3/1/2024		2.5	2.5		
3/4/2024				3	
5/20/2024					28 (R)

Time Series

Constituent: Chloride (mg/L) Analysis Run 6/24/2024 1:09 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
4/13/2016			1.68 (D)		3.64 (D)
4/19/2016	124 (o)			6.9	
6/20/2016		6.8	2		
6/22/2016	81				3.8
8/15/2016			1.8		3.7
8/16/2016	71	7.6			
10/6/2016	68	7.3	1.7		3.4
10/10/2016				7.2	
11/30/2016		7.1			
12/1/2016	74		1.7	7.1	4
2/8/2017					4
2/9/2017	76	5.8	1.7	7.2	
4/6/2017	92	5.7			4
4/7/2017			1.7	7.5	
6/21/2017	100	6.1		7.6	3.3
6/22/2017			1.6		
8/15/2017				7.8	
9/1/2017				7.6	
10/5/2017	67				3.3
10/6/2017		5.1	1.6		
3/21/2018		5.4			3.6
3/22/2018	74		1.6	7	
10/2/2018					3.1
10/3/2018	46	5.7			
10/4/2018			1.7	6.1	
3/26/2019		4.2			
3/27/2019	42		1.7	6.6	3
9/11/2019	19	7.2	2.1	7	3.4
3/18/2020	30	4		8.5	3.4
3/19/2020			2.1		
9/9/2020	8.7			11	3.2
9/10/2020		6.3	2.5		
4/1/2021	18		2.9		4.3
6/1/2021				9.4	
6/2/2021		6.3			
8/11/2021		6.5	3		
8/12/2021	22			7.8	4.1
2/15/2022	16	6.1	2.7	9.1	3.7
8/25/2022	12	6.2	3	7.5	4.2
2/27/2023		5.2	3.5	8.8	4.2
2/28/2023	11				
8/8/2023	8.2	5.5	3.8	8.2	4
2/29/2024	8.2	7	4.8	8.1	
3/1/2024					5.2

Time Series

Constituent: Chromium, Total (mg/L) Analysis Run 6/24/2024 1:09 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
5/8/2010			0.0032 (J)		
5/9/2010	<0.002	0.003 (J)			
5/10/2010					0.011
5/11/2010				0.0077	
6/16/2010		0.0042 (J)	0.0037 (J)		0.0095
6/17/2010				0.0053	
6/18/2010	<0.002				
7/26/2010			0.0058		
7/27/2010		0.0048 (J)		0.0085	
7/28/2010	<0.002				0.01
9/7/2010		0.0037 (J)	0.0078		
9/8/2010					0.011
9/9/2010	<0.002			0.0076	
4/28/2011				0.0048 (J)	
4/29/2011		0.0046 (J)	0.005		0.0096
4/30/2011	<0.002				
10/27/2011					0.011
10/28/2011	<0.002	0.005	0.0068		
10/29/2011				0.0093	
5/2/2012	<0.002	0.0052	0.0065		
5/3/2012				0.01	
5/4/2012					0.01
11/9/2012	<0.002	0.0054	0.006	0.009	
11/11/2012					0.01
5/8/2013	<0.002	0.0058	0.0074		
5/9/2013				0.0085	0.011
11/5/2013	0.0036			0.015	0.015
11/6/2013		0.0062 (J)	0.0082 (J)		
5/20/2014	<0.002	0.0047 (J)	0.0051 (J)		
5/21/2014					0.013
5/23/2014				0.012	
11/8/2014		0.0064 (J)	0.0074 (J)		
11/12/2014	<0.002				0.012
11/13/2014				0.011	
5/22/2015	<0.002	0.0059 (J)	0.0084 (J)		
5/23/2015				0.012	0.014
11/9/2015		0.0043 (J)	0.009 (J)		
11/11/2015	<0.002			0.014	
11/12/2015					0.016
4/6/2016	<0.002	0.00457 (J)	0.00779 (J)		
4/12/2016				0.0135	
4/13/2016					0.0152 (D)
6/15/2016	<0.002	<0.01	<0.01		
6/16/2016				0.014	
6/21/2016					0.016
8/10/2016	<0.002	0.0042	0.0068		
8/11/2016				0.013	
8/15/2016					0.015
10/4/2016	<0.002	0.0052		0.014	
10/5/2016			0.0076		0.016
11/29/2016		0.004	0.0045		
11/30/2016	<0.002			0.013	

Time Series

Constituent: Chromium, Total (mg/L) Analysis Run 6/24/2024 1:09 PM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
12/1/2016					0.015
2/7/2017	<0.002	0.004	0.0067	0.013	
2/8/2017					0.017
4/4/2017	<0.002	0.0021 (J)	0.0079		
4/5/2017				0.014	
4/6/2017					0.018
6/20/2017	<0.002	0.0046	0.0084	0.013	
6/21/2017					0.017
10/4/2017	<0.002			0.015	
10/5/2017		0.005	0.0061		0.018
3/20/2018	<0.002 (D)	0.0044	0.006	0.013	
3/21/2018					0.017 (J+X)
10/2/2018	<0.002	0.0043	0.0061	0.014	0.018
3/26/2019	<0.002	0.0046	0.0065	0.013	
3/27/2019					0.017
9/10/2019	0.0023 (J)	0.0076	0.012	0.018	
9/11/2019					0.023
3/18/2020	<0.002	0.0044	0.0083	0.014	0.02
9/9/2020	<0.002	0.005	0.0088	0.014	0.018
4/1/2021	<0.002	0.0053	0.0082	0.014	0.02
8/11/2021	<0.002	0.0059	0.0089		
8/18/2021				0.014	
10/18/2021					0.019
2/15/2022	<0.002	0.0056	0.0084	0.011	0.021
8/24/2022			0.0076	0.014	
8/25/2022	<0.002	0.0056			0.018
2/21/2023					0.02
2/27/2023				0.014	
2/28/2023	<0.002	0.0061	0.0083		
8/3/2023	<0.002	0.0073	0.0089		
8/9/2023				0.017	0.022
2/28/2024		0.0071	0.0096		
3/1/2024				0.014	0.019
3/4/2024	<0.002				

Time Series

Constituent: Chromium, Total (mg/L) Analysis Run 6/24/2024 1:09 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
5/9/2010		<0.002	0.0051	<0.002	
5/10/2010	0.011				0.012
6/16/2010	0.012				0.014
6/18/2010		<0.002	0.0043 (J)	<0.002	
7/26/2010					0.013
7/27/2010	0.012	0.002 (J)			
7/28/2010				<0.002	
7/29/2010			0.0058		
9/7/2010					0.015
9/8/2010	0.011	<0.002			
9/9/2010			0.0052	<0.002	
4/26/2011			0.0025 (J)		
4/29/2011	0.01	<0.002			0.014
4/30/2011				<0.002	
10/27/2011	0.0077				
10/28/2011		<0.002	0.0035 (J)	<0.002	0.014
5/2/2012					0.017
5/3/2012		<0.002		<0.002	
5/4/2012	0.0082		0.0073		
11/9/2012					0.014
11/10/2012	0.007	<0.002		<0.002	
11/11/2012			0.004 (J)		
5/8/2013			0.006	<0.002	0.017
5/9/2013	0.0079	<0.002			
11/5/2013				0.0036	
11/6/2013	0.011	0.0031 (J)			0.017
11/7/2013			0.0068 (J)		
5/20/2014	0.0076 (J)	0.002 (J)	0.0039 (J)	<0.002	
5/23/2014					0.013
11/8/2014					0.018
11/12/2014	0.0071 (J)	<0.002	0.0039 (J)	<0.002	
5/22/2015					0.02
5/23/2015		0.0027 (J)			
5/24/2015	0.0083 (J)		0.004 (J)	<0.002	
11/10/2015					0.013
11/11/2015				<0.002	
11/12/2015	0.0069 (J)	0.0022 (J)	0.0077 (J)		
4/11/2016					0.0139
4/13/2016	0.00804 (JD)	<0.002 (D)	0.0038 (JD)	<0.002 (D)	
6/16/2016					0.014
6/21/2016	0.0086 (J)	0.0012 (J)	0.0035 (J)	0.0006 (J)	
8/11/2016					0.016
8/15/2016	0.0073	0.0021 (J)	0.0034	<0.002	
10/4/2016				<0.002	
10/5/2016	0.0077	0.0013 (J)			0.014
10/7/2016			0.0037		
11/29/2016					0.013
12/1/2016	0.0075	0.0015 (J)	0.0037	<0.002	
2/7/2017				<0.002	
2/8/2017	0.0078	0.0016 (J)			0.013
2/9/2017			0.0038		
4/5/2017		0.0014 (J)			

Time Series

Constituent: Chromium, Total (mg/L) Analysis Run 6/24/2024 1:09 PM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
4/6/2017	0.0079		0.0039	<0.002	0.014
6/20/2017	0.0078	0.0015 (J)		<0.002	
6/21/2017					0.013
6/22/2017			0.0042		
10/5/2017	0.0081	0.0015 (J)		<0.002	0.014
10/6/2017			0.0039		
3/20/2018				<0.002	0.014
3/21/2018	<0.0081 (X)	<0.002 (XD)			
3/22/2018			0.028 (O)		
10/2/2018	0.0075	0.0012 (J)		<0.002	0.014
10/3/2018			0.0056		
3/26/2019		0.0013 (J)	0.0048	<0.002	0.014
3/27/2019	0.007				
9/11/2019	0.011	0.0036	0.0075	0.0038	0.017
3/18/2020	0.0086	0.0016 (J)	0.008	<0.002	0.014
9/9/2020				<0.002	0.013
9/10/2020	0.009	<0.002	0.0054		
4/1/2021	0.0078	0.0015 (J)		<0.002	0.014
4/6/2021			0.0061		
8/11/2021	0.0078	<0.002	0.0051	<0.002	0.014
2/16/2022	0.0074	<0.002	0.005	<0.002	0.012
8/25/2022	0.0069				0.012
8/26/2022		<0.002	0.0043	<0.002	
2/27/2023	0.0082	0.002	0.006	<0.002	
2/28/2023					0.012
8/9/2023	0.0087	0.0026	0.0066	0.0018 (J)	0.014
2/29/2024	0.0086	0.0021			0.013
3/1/2024			0.0059	0.0022	

Time Series

Constituent: Chromium, Total (mg/L) Analysis Run 6/24/2024 1:09 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
5/11/2010	0.0039 (J)	0.0051	0.0063	0.01	0.0046 (J)
6/16/2010	0.0049 (J)				
6/17/2010			0.0053	0.0087	0.007
6/19/2010		<0.011			
7/27/2010	0.0047 (J)	0.01	0.0064		
7/28/2010				0.028 (O)	0.0084
9/7/2010	0.0057		0.0078	0.022	
9/8/2010					0.0071
9/9/2010		0.0072			
4/28/2011		0.0077			0.008
4/29/2011	0.0087		0.0065	0.0099	
10/28/2011	0.0075	0.011	0.0092	0.0089	
10/29/2011					0.0054
5/2/2012	0.011				
5/3/2012		0.011	0.011	0.0091	0.0065
11/9/2012	0.0076	0.0089		0.008	
11/10/2012			0.0073		0.0059
5/9/2013	0.0088	0.0089	0.0098		
5/10/2013				0.019	0.0083
11/5/2013		0.011			
11/6/2013	0.011		0.011	0.013	0.0099 (J)
5/22/2014	0.0057 (J)	0.01	0.0097 (J)	0.0093 (J)	0.0049 (J)
11/8/2014	0.013				
11/9/2014			0.012	0.0098 (J)	0.0068 (J)
11/13/2014		0.0084 (J)			
5/22/2015				0.01	0.0087 (J)
5/23/2015	0.014				
5/24/2015		0.0095 (J)	0.016		
11/10/2015	0.0091 (J)		0.0088 (J)	0.011	
11/11/2015		0.011			0.0084 (J)
4/11/2016	0.00767 (J)				
4/12/2016		0.0122	0.00965 (J)	0.00925 (JD)	0.00419 (J)
6/16/2016	<0.01	<0.011	<0.0085		
6/20/2016				0.0076 (J)	0.0043 (J)
8/11/2016	0.0085	0.01	0.0083		
8/12/2016				0.0079	0.0037
10/4/2016		0.011			
10/5/2016	0.01		0.0094	0.0085	
10/6/2016					0.0062
11/29/2016	0.0087				
11/30/2016		0.0098	0.0084	0.0086	0.0043
2/7/2017		0.0096			
2/8/2017	0.0093		0.0091	0.011	0.0052
4/5/2017	0.0098				
4/6/2017		0.01	0.011	0.0098	0.005
6/20/2017		0.01			
6/21/2017	0.0094		0.0081	0.011	
6/22/2017					0.0052
10/4/2017		0.011			
10/5/2017	0.0096		0.0083	0.01	
10/6/2017					0.0049
3/20/2018	0.0097	0.0099			

Time Series

Constituent: Chromium, Total (mg/L) Analysis Run 6/24/2024 1:09 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
3/21/2018			<0.0085 (X)	<0.0093 (X)	<0.0062 (X)
10/2/2018	0.0097	0.01			
10/3/2018			0.0091	0.0081	0.0039
3/26/2019	0.0091	0.0096	0.0092	0.0075	0.0084
9/10/2019		0.014		0.0092	0.0067
9/12/2019	0.012		0.011		
3/18/2020		0.011		0.0049	
3/19/2020	0.012		0.0094		0.0045
9/9/2020	0.011	0.01			
9/10/2020			0.009	0.0061	0.0055
4/1/2021		0.0057			
4/2/2021					0.0052
4/5/2021	0.012		0.008		
4/6/2021				0.0074	
8/11/2021	0.013		0.0087		
8/12/2021		0.012		0.0085	0.0045
2/15/2022		0.011		0.0076	0.0041
2/16/2022	0.011		0.0081		
8/25/2022	0.015		0.0079	0.0072	0.0038
8/26/2022		0.0095			
2/27/2023		0.012			0.0039
2/28/2023	0.014		0.009	0.01	
8/8/2023	0.014		0.01		0.0049
8/9/2023		0.012		0.013	
2/29/2024	0.015				0.0038
3/1/2024		0.011	0.0088		
3/4/2024				0.014	

Time Series

Constituent: Chromium, Total (mg/L) Analysis Run 6/24/2024 1:09 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
5/10/2010			0.007	<0.002	0.0097
5/11/2010	0.004 (J)	<0.012			
6/16/2010					0.0074
6/18/2010	0.0056	0.0063	0.011		
6/19/2010				<0.002	
7/27/2010	0.0051	0.004 (J)			0.0068
7/28/2010			0.0092	0.0034 (J)	
9/8/2010				0.014	0.007
9/9/2010	0.0037 (J)	0.0053	0.01		
4/29/2011	0.0036 (J)				0.0062
4/30/2011		0.0035 (J)	0.012	0.022	
10/27/2011				0.0064	0.0084
10/28/2011	0.0026 (J)				
10/29/2011		0.0048 (J)	0.012		
5/3/2012					0.0099
5/4/2012	0.0031 (J)	0.0064	0.013	0.0059	
11/10/2012	<0.005	0.0084	0.0097		
11/11/2012				0.011	0.0073
5/9/2013	0.0033 (J)	0.0041 (J)	0.013		0.0085
5/10/2013				0.038 (O)	
11/6/2013	0.0045 (J)				0.013
11/7/2013		0.0077 (J)	0.013	0.012	
5/21/2014		0.0044 (J)	0.0091 (J)	0.0048 (J)	0.0097 (J)
5/22/2014	0.0035 (J)				
11/9/2014	0.0062 (J)	0.0071 (J)			
11/12/2014			0.0097 (J)		0.0072 (J)
11/13/2014				0.023	
5/23/2015				0.015	0.0095 (J)
5/24/2015	0.012	0.01	0.018		
11/11/2015	0.0068 (J)	0.0053 (J)	0.0086 (J)	0.016	
11/12/2015					0.0046 (J)
4/12/2016		0.00493 (J)			
4/13/2016			0.00924 (JD)		0.00627 (JD)
4/19/2016	0.00368 (J)			0.0086 (J)	
6/20/2016		0.0043 (J)	0.0084 (J)		
6/22/2016	0.0031 (J)				0.0079 (J)
8/12/2016		0.0037			
8/15/2016			0.0083		0.0075
8/16/2016	0.0028				
10/6/2016	0.003	0.004	0.0081		0.0071
10/10/2016				0.0052	
11/30/2016		0.0035			
12/1/2016	0.0022 (J)		0.0083	0.0062	0.007
2/8/2017					0.0047
2/9/2017	0.0035	0.0041	0.0087	0.0091	
4/6/2017	0.0032	0.0038			0.006
4/7/2017			0.009	<0.002	
6/21/2017	0.0031	0.004		<0.002	0.0071
6/22/2017			0.0092		
8/15/2017				<0.002	
9/1/2017				<0.002	
10/5/2017	0.0029				0.008

Time Series

Constituent: Chromium, Total (mg/L) Analysis Run 6/24/2024 1:09 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
10/6/2017		0.0038	0.0095		
10/9/2017				<0.002	
3/21/2018		<0.012 (X)			<0.0046 (X)
3/22/2018	0.0086 (J+X)		0.0086 (J+X)	0.0079 (J+X)	
10/2/2018					0.0081
10/3/2018	0.003	0.0042			
10/4/2018			0.0083	<0.002	
3/26/2019		0.0044			
3/27/2019	0.0039		0.0088	<0.002	0.0064
9/11/2019	0.0079	0.0078	0.013	0.0052	0.012
3/18/2020	0.0052	0.0046		<0.002	0.0066
3/19/2020			0.011		
9/9/2020	0.0048			<0.002	0.0081
9/10/2020		0.0049	0.0098		
4/1/2021	0.0058		0.0091		0.0018 (J)
4/5/2021		0.005		<0.002	
8/11/2021		0.005	0.0092		
8/12/2021	0.0053			<0.002	0.0077
2/15/2022	0.0061	0.0046	0.0088	<0.002	0.0079
8/25/2022	0.0058	0.0046	0.0085	<0.002	0.0092
2/27/2023		0.0047	0.0092	<0.002	0.0094
2/28/2023	0.0068				
8/8/2023	0.0066	0.0048	0.0094	0.0013 (J)	0.0085
2/29/2024	0.0074	0.0051	0.012	<0.002	
3/1/2024					0.0092

Time Series

Constituent: Cobalt, Total (mg/L) Analysis Run 6/24/2024 1:09 PM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
5/8/2010			<0.0025		
5/9/2010	<0.0025	<0.0025			
5/10/2010					<0.0025
5/11/2010				<0.0025	
6/16/2010		<0.0025	<0.0025		<0.0025
6/17/2010				<0.0025	
6/18/2010	<0.0025				
7/26/2010			<0.0025		
7/27/2010		<0.0025		<0.0025	
7/28/2010	<0.0025				<0.0025
9/7/2010		<0.0025	<0.0025		
9/8/2010					<0.0025
9/9/2010	<0.0025			<0.0025	
4/28/2011				<0.0025	
4/29/2011		0.003 (O)	<0.0025		<0.0025
4/30/2011	<0.0025				
10/27/2011					<0.0025
10/28/2011	<0.0025	<0.0025	<0.0025		
10/29/2011				<0.0025	
5/2/2012	<0.0025	<0.0025	<0.0025		
5/3/2012				<0.0025	
5/4/2012					<0.0025
11/9/2012	<0.0025	<0.0025	<0.0025	<0.0025	
11/11/2012					<0.0025
5/8/2013	<0.0025	<0.0025	<0.0025		
5/9/2013				<0.0025	<0.0025
11/5/2013	<0.0025			<0.0025	<0.0025
11/6/2013		<0.0025	<0.0025		
5/20/2014	<0.0025	<0.0025	<0.0025		
5/21/2014					<0.0025
5/23/2014				<0.0025	
11/8/2014		<0.0025	<0.0025		
11/12/2014	<0.0025				<0.0025
11/13/2014				<0.0025	
5/22/2015	<0.0025	<0.0025	<0.0025		
5/23/2015				<0.0025	<0.0025
11/9/2015		<0.0025	<0.0025		
11/11/2015	<0.0025			<0.0025	
11/12/2015					<0.0025
4/6/2016	0.00261 (O)	<0.0025	<0.0025		
4/12/2016				<0.0025	
4/13/2016					<0.0025 (D)
6/15/2016	0.00092 (J)	2.2E-05 (J)	8.4E-05 (J)		
6/16/2016				<0.0025	
6/21/2016					<0.0025
8/10/2016	0.00076 (J)	<0.0025	<0.0025		
8/11/2016				<0.0025	
8/15/2016					<0.0025
10/4/2016	0.00081 (J)	<0.0025		<0.0025	
10/5/2016			<0.0025		<0.0025
11/29/2016		<0.0025	<0.0025		
11/30/2016	0.00061 (J)			<0.0025	

Time Series

Constituent: Cobalt, Total (mg/L) Analysis Run 6/24/2024 1:09 PM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
12/1/2016					<0.0025
2/7/2017	<0.0025	<0.0025	<0.0025	<0.0025	
2/8/2017					<0.0025
4/4/2017	0.00084 (J)	<0.0025	<0.0025		
4/5/2017				<0.0025	
4/6/2017					<0.0025
6/20/2017	0.0012 (J)	<0.0025	<0.0025	<0.0025	
6/21/2017					<0.0025
10/4/2017	0.00087 (J)			<0.0025	
10/5/2017		<0.0025	<0.0025		<0.0025
3/20/2018	0.0018 (JD)	<0.0025	<0.0025	<0.0025	
3/21/2018					<0.0025
10/2/2018	0.0011 (J)	<0.0025	<0.0025	<0.0025	<0.0025
3/26/2019	0.0019 (J)	<0.0025	<0.0025	<0.0025	
3/27/2019					<0.0025
9/10/2019	0.0012 (J)	0.00031 (J)	0.00052 (J)	<0.0025	
9/11/2019					<0.0025
3/18/2020	0.0017 (J)	0.00034 (J)	<0.0025	0.00017 (J)	<0.0025
9/9/2020	0.0016 (J)	<0.0025	0.00019 (J)	<0.0025	<0.0025
4/1/2021	0.0024 (J)	0.00014 (J)	<0.0025	<0.0025	<0.0025
8/11/2021	0.0011 (J)	<0.0025	<0.0025		
8/18/2021				0.00025 (J)	
10/18/2021					<0.0025
2/15/2022	0.0029	<0.0025	<0.0025	<0.0025	<0.0025
8/24/2022			<0.0025	<0.0025	
8/25/2022	0.0014 (J)	<0.0025			<0.0025
2/21/2023					<0.0025
2/27/2023				<0.0025	
2/28/2023	0.0026	<0.0025	<0.0025		
8/3/2023	0.0017 (J)	<0.0025	<0.0025		
8/9/2023				<0.0025	<0.0025
2/28/2024		<0.0025	<0.0025		
3/1/2024				<0.0025	<0.0025
3/4/2024	0.0026				

Time Series

Constituent: Cobalt, Total (mg/L) Analysis Run 6/24/2024 1:09 PM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
5/9/2010		<0.0025	<0.0025	<0.0025	
5/10/2010	<0.0025				<0.0025
6/16/2010	<0.0025				<0.0025
6/18/2010		<0.0025	<0.0025	<0.0025	
7/26/2010					<0.0025
7/27/2010	<0.0025	<0.0025			
7/28/2010				<0.0025	
7/29/2010			<0.0025		
9/7/2010					<0.0025
9/8/2010	<0.0025	<0.0025			
9/9/2010			<0.0025	<0.0025	
4/26/2011			<0.0025		
4/29/2011	<0.0025	<0.0025			<0.0025
4/30/2011				<0.0025	
10/27/2011	<0.0025				
10/28/2011		<0.0025	<0.0025	<0.0025	<0.0025
5/2/2012					<0.0025
5/3/2012		<0.0025		<0.0025	
5/4/2012	<0.0025		<0.0025		
11/9/2012					<0.0025
11/10/2012	<0.0025	<0.0025		<0.0025	
11/11/2012			<0.0025		
5/8/2013			<0.0025	<0.0025	<0.0025
5/9/2013	<0.0025	<0.0025			
11/5/2013				<0.0025	
11/6/2013	<0.0025	<0.0025			<0.0025
11/7/2013			<0.0025		
5/20/2014	<0.0025	<0.0025	<0.0025	<0.0025	
5/23/2014					<0.0025
11/8/2014					<0.0025
11/12/2014	<0.0025	<0.0025	<0.0025	<0.0025	
5/22/2015					0.0032 (O)
5/23/2015		<0.0025			
5/24/2015	<0.0025		<0.0025	<0.0025	
11/10/2015					<0.0025
11/11/2015				<0.0025	
11/12/2015	<0.0025	<0.0025	<0.0025		
4/11/2016					<0.0025
4/13/2016	<0.0025 (D)	<0.0025 (D)	<0.0025 (D)	<0.0025 (D)	
6/16/2016					<0.0025
6/21/2016	<0.0025	0.0004 (J)	<0.0025	<0.0025	
8/11/2016					<0.0025
8/15/2016	<0.0025	0.00042 (J)	<0.0025	<0.0025	
10/4/2016				<0.0025	
10/5/2016	<0.0025	0.00049 (J)			<0.0025
10/7/2016			<0.0025		
11/29/2016					<0.0025
12/1/2016	<0.0025	<0.0025	<0.0025	<0.0025	
2/7/2017				<0.0025	
2/8/2017	<0.0025	<0.0025			<0.0025
2/9/2017			<0.0025		
4/5/2017		<0.0025			

Time Series

Constituent: Cobalt, Total (mg/L) Analysis Run 6/24/2024 1:09 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
4/6/2017	<0.0025		<0.0025	<0.0025	<0.0025
6/20/2017	<0.0025	0.0004 (J)		<0.0025	
6/21/2017					<0.0025
6/22/2017			<0.0025		
10/5/2017	<0.0025	0.00041 (J)		<0.0025	<0.0025
10/6/2017			<0.0025		
3/20/2018				<0.0025	<0.0025
3/21/2018	<0.0025	<0.0025			
3/22/2018			<0.0025		
10/2/2018	<0.0025	<0.0025		<0.0025	<0.0025
10/3/2018			<0.0025		
3/26/2019		<0.0025	<0.0025	<0.0025	<0.0025
3/27/2019	<0.0025				
9/11/2019	<0.0025	0.00042 (J)	<0.0025	<0.0025	0.00023 (J)
3/18/2020	<0.0025	0.00013 (J)	<0.0025	<0.0025	0.00018 (J)
9/9/2020				<0.0025	0.00014 (J)
9/10/2020	0.00033 (J)	0.00057 (J)	<0.0025		
4/1/2021	<0.0025	0.00028 (J)		<0.0025	<0.0025
4/6/2021			<0.0025		
8/11/2021	<0.0025	0.00033 (J)	<0.0025	<0.0025	0.00021 (J)
2/16/2022	<0.0025	0.00033 (J)	<0.0025	<0.0025	<0.0025
8/25/2022	<0.0025				<0.0025
8/26/2022		0.00033 (J)	<0.0025	<0.0025	
2/27/2023	<0.0025	<0.0025	<0.0025	<0.0025	
2/28/2023					<0.0025
8/9/2023	<0.0025	0.00035 (J)	<0.0025	<0.0025	<0.0025
2/29/2024	<0.0025	0.00027 (J)			<0.0025
3/1/2024			<0.0025	<0.0025	

Time Series

Constituent: Cobalt, Total (mg/L) Analysis Run 6/24/2024 1:09 PM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
5/11/2010	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
6/16/2010	<0.0025				
6/17/2010			<0.0025	<0.0025	<0.0025
6/19/2010		<0.0025			
7/27/2010	<0.0025	<0.0025	<0.0025		
7/28/2010				0.0034 (O)	<0.0025
9/7/2010	<0.0025		<0.0025	<0.0025	
9/8/2010					<0.0025
9/9/2010		<0.0025			
4/28/2011		<0.0025			<0.0025
4/29/2011	<0.0025		<0.0025	0.0037 (O)	
10/28/2011	<0.0025	<0.0025	<0.0025	<0.0025	
10/29/2011					<0.0025
5/2/2012	<0.0025				
5/3/2012		<0.0025	<0.0025	<0.0025	<0.0025
11/9/2012	<0.0025	<0.0025		<0.0025	
11/10/2012			<0.0025		<0.0025
5/9/2013	<0.0025	<0.0025	<0.0025		
5/10/2013				<0.0025	<0.0025
11/5/2013		<0.0025			
11/6/2013	<0.0025		<0.0025	<0.0025	<0.0025
5/22/2014	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
11/8/2014	<0.0025				
11/9/2014			<0.0025	<0.0025	<0.0025
11/13/2014		<0.0025			
5/22/2015				<0.0025	<0.0025
5/23/2015	<0.0025				
5/24/2015		<0.0025	<0.0025		
11/10/2015	<0.0025		<0.0025	<0.0025	
11/11/2015		<0.0025			<0.0025
4/11/2016	<0.0025				
4/12/2016		<0.0025	<0.0025	<0.0025 (D)	<0.0025
6/16/2016	<0.0025	<0.0025	0.00012 (J)		
6/20/2016				0.0001 (J)	0.00016 (J)
8/11/2016	<0.0025	<0.0025	<0.0025		
8/12/2016				0.00042 (J)	<0.0025
10/4/2016		<0.0025			
10/5/2016	<0.0025		<0.0025	<0.0025	
10/6/2016					0.00068 (J)
11/29/2016	<0.0025				
11/30/2016		<0.0025	<0.0025	<0.0025	<0.0025
2/7/2017		<0.0025			
2/8/2017	<0.0025		<0.0025	<0.0025	<0.0025
4/5/2017	<0.0025				
4/6/2017		<0.0025	0.0005 (J)	<0.0025	<0.0025
6/20/2017		<0.0025			
6/21/2017	<0.0025		<0.0025	0.00042 (J)	
6/22/2017					<0.0025
10/4/2017		<0.0025			
10/5/2017	<0.0025		<0.0025	<0.0025	
10/6/2017					<0.0025
3/20/2018	<0.0025	<0.0025			

Time Series

Constituent: Cobalt, Total (mg/L) Analysis Run 6/24/2024 1:09 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
3/21/2018			<0.0025	<0.0025	<0.0025
10/2/2018	<0.0025	<0.0025			
10/3/2018			<0.0025	<0.0025	<0.0025
3/26/2019	<0.0025	<0.0025	<0.0025	<0.0025	0.00096 (J)
9/10/2019		0.00015 (J)		0.00028 (J)	<0.0025
9/12/2019	0.00021 (J)		0.00021 (J)		
3/18/2020		<0.0025		0.00014 (J)	
3/19/2020	0.00014 (J)		0.00026 (J)		0.00021 (J)
9/9/2020	<0.0025	<0.0025			
9/10/2020			0.00018 (J)	0.00023 (J)	0.00032 (J)
4/1/2021		<0.0025			
4/2/2021					0.00026 (J)
4/5/2021	<0.0025		<0.0025		
4/6/2021				0.00031 (J)	
8/11/2021	<0.0025		<0.0025		
8/12/2021		0.0002 (J)		0.00067 (J)	<0.0025
2/15/2022		<0.0025		<0.0025	<0.0025
2/16/2022	<0.0025		<0.0025		
8/25/2022	<0.0025		<0.0025	0.00046 (J)	<0.0025
8/26/2022		<0.0025			
2/27/2023		<0.0025			<0.0025
2/28/2023	<0.0025		<0.0025	<0.0025	
8/8/2023	<0.0025		<0.0025		<0.0025
8/9/2023		<0.0025		<0.0025	
2/29/2024	<0.0025				<0.0025
3/1/2024		<0.0025	<0.0025		
3/4/2024				<0.0025	

Time Series

Constituent: Cobalt, Total (mg/L) Analysis Run 6/24/2024 1:09 PM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
5/10/2010			<0.0025	<0.0025	<0.0025
5/11/2010	<0.0025	<0.0025			
6/16/2010					<0.0025
6/18/2010	<0.0025	<0.0025	<0.0025		
6/19/2010				<0.0025	
7/27/2010	<0.0025	<0.0025			<0.0025
7/28/2010			<0.0025	<0.0025	
9/8/2010				<0.0025	<0.0025
9/9/2010	<0.0025	<0.0025	<0.0025		
4/29/2011	<0.0025				<0.0025
4/30/2011		<0.0025	<0.0025	0.0063 (O)	
10/27/2011				<0.0025	<0.0025
10/28/2011	<0.0025				
10/29/2011		<0.0025	<0.0025		
5/3/2012					<0.0025
5/4/2012	<0.0025	<0.0025	<0.0025	<0.0025	
11/10/2012	<0.0025	<0.0025	<0.0025		
11/11/2012				<0.0025	<0.0025
5/9/2013	<0.0025	<0.0025	<0.0025		<0.0025
5/10/2013				0.0068 (O)	
11/6/2013	<0.0025				<0.0025
11/7/2013		<0.0025	<0.0025	<0.0025	
5/21/2014		<0.0025	<0.0025	<0.0025	<0.0025
5/22/2014	<0.0025				
11/9/2014	<0.0025	<0.0025			
11/12/2014			<0.0025		<0.0025
11/13/2014				0.0046	
5/23/2015				<0.0025	<0.0025
5/24/2015	<0.0025	<0.0025	<0.0025		
11/11/2015	<0.0025	<0.0025	<0.0025	<0.0025	
11/12/2015					<0.0025
4/12/2016		<0.0025			
4/13/2016			<0.0025 (D)		<0.0025 (D)
4/19/2016	<0.0025			<0.0025	
6/20/2016		3E-05 (J)	8.6E-05 (J)		
6/22/2016	<0.0025				<0.0025
8/12/2016		<0.0025			
8/15/2016			<0.0025		<0.0025
8/16/2016	<0.0025				
10/6/2016	<0.0025	<0.0025	<0.0025		<0.0025
10/10/2016				<0.0025	
11/30/2016		<0.0025			
12/1/2016	<0.0025		<0.0025	0.00068 (J)	<0.0025
2/8/2017					<0.0025
2/9/2017	<0.0025	<0.0025	<0.0025	0.0009 (J)	
4/6/2017	<0.0025	<0.0025			<0.0025
4/7/2017			<0.0025	0.0011 (J)	
6/21/2017	<0.0025	<0.0025		0.00064 (J)	<0.0025
6/22/2017			<0.0025		
8/15/2017				0.001 (J)	
9/1/2017				0.00089 (J)	
10/5/2017	<0.0025				<0.0025

Time Series

Constituent: Cobalt, Total (mg/L) Analysis Run 6/24/2024 1:09 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
10/6/2017		<0.0025	<0.0025		
10/9/2017				0.00085 (J)	
3/21/2018		<0.0025			<0.0025
3/22/2018	<0.0025		<0.0025	<0.0004 (o)	
10/2/2018					<0.0025
10/3/2018	<0.0025	<0.0025			
10/4/2018			<0.0025	0.00048 (J)	
3/26/2019		<0.0025			
3/27/2019	<0.0025		<0.0025	0.0012 (J)	<0.0025
9/11/2019	9.9E-05 (J)	8.7E-05 (J)	0.00016 (J)	0.00085 (J)	0.00016 (J)
3/18/2020	<0.0025	<0.0025		0.0027	<0.0025
3/19/2020			0.00013 (J)		
9/9/2020	<0.0025			0.0043	0.00023 (J)
9/10/2020		<0.0025	0.00038 (J)		
4/1/2021	<0.0025		0.00015 (J)		0.00015 (J)
4/5/2021		0.00015 (J)		0.0026	
8/11/2021		<0.0025	<0.0025		
8/12/2021	<0.0025			0.0019 (J)	0.00013 (J)
2/15/2022	<0.0025	<0.0025	<0.0025	0.0037	<0.0025
8/25/2022	<0.0025	<0.0025	<0.0025	0.0021 (J)	0.00053 (J)
2/27/2023		<0.0025	<0.0025	0.004	<0.0025
2/28/2023	<0.0025				
8/8/2023	<0.0025	<0.0025	<0.0025	0.0044	<0.0025
2/29/2024	<0.0025	<0.0025	<0.0025	0.0031	
3/1/2024					<0.0025

Time Series

Constituent: Copper (mg/L) Analysis Run 6/24/2024 1:09 PM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
5/8/2010			<0.002		
5/9/2010	<0.002	<0.002			
5/10/2010					<0.002
5/11/2010				<0.002	
6/16/2010		<0.002	<0.002		<0.002
6/17/2010				<0.002	
6/18/2010	<0.002				
7/26/2010			<0.002		
7/27/2010		<0.002		<0.002	
7/28/2010	<0.002				<0.002
9/7/2010		<0.002	<0.002		
9/8/2010					<0.002
9/9/2010	<0.002			<0.002	
4/28/2011				<0.002	
4/29/2011		<0.002	<0.002		<0.002
4/30/2011	<0.002				
10/27/2011					<0.002
10/28/2011	<0.002	<0.002	<0.002		
10/29/2011				<0.002	
5/2/2012	<0.002	<0.002	<0.002		
5/3/2012				<0.002	
5/4/2012					<0.002
11/9/2012	<0.002	<0.002	<0.002	<0.002	
11/11/2012					<0.002
5/8/2013	<0.002	<0.002	<0.002		
5/9/2013				<0.002	<0.002
11/5/2013	<0.002			<0.002	<0.002
11/6/2013		<0.002	<0.002		
5/20/2014	<0.002	<0.002	<0.002		
5/21/2014					<0.002
5/23/2014				<0.002	
11/8/2014		<0.002	<0.002		
11/12/2014	<0.002				<0.002
11/13/2014				<0.002	
5/22/2015	<0.002	<0.002	<0.002		
5/23/2015				<0.002	<0.002
11/9/2015		<0.002	<0.002		
11/11/2015	<0.002			<0.002	
11/12/2015					<0.002
4/6/2016	<0.002	<0.002	<0.002		
4/12/2016				<0.002	
4/13/2016					<0.002 (D)
10/4/2016	<0.002	<0.002		<0.002	
10/5/2016			<0.002		<0.002
4/4/2017	<0.002	<0.002	<0.002		
4/5/2017				<0.002	
4/6/2017					<0.002
10/4/2017	<0.002			<0.002	
10/5/2017		<0.002	<0.002		<0.002
3/20/2018	<0.002 (D)	<0.002	<0.002	<0.002	
3/21/2018					<0.002
10/2/2018	<0.002	<0.002	<0.002	<0.002	<0.002

Time Series

Constituent: Copper (mg/L) Analysis Run 6/24/2024 1:09 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
3/26/2019	<0.002	<0.002	<0.002	<0.002	
3/27/2019					<0.002
9/10/2019	<0.002	0.00095 (J)	0.0012 (J)	<0.002	
9/11/2019					<0.002
3/18/2020	<0.002	<0.002	<0.002	<0.002	<0.002
9/9/2020	<0.002	<0.002	<0.002	<0.002	<0.002
4/1/2021	<0.002	0.00074 (J)	<0.002	<0.002	<0.002
8/11/2021	<0.002	<0.002	<0.002		
8/18/2021				0.0011 (J)	
10/18/2021					<0.002
2/15/2022	<0.002	<0.002	<0.002	0.0013 (J)	<0.002
8/24/2022			<0.002	<0.002	
8/25/2022	<0.002	<0.002			<0.002
2/21/2023					<0.002
2/27/2023				<0.002	
2/28/2023	<0.002	<0.002	<0.002		
8/3/2023	<0.002	<0.002	<0.002		
8/9/2023				<0.002	<0.002
2/28/2024		<0.002	<0.002		
3/1/2024				<0.002	<0.002
3/4/2024	<0.002				

Time Series

Constituent: Copper (mg/L) Analysis Run 6/24/2024 1:09 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
5/9/2010		<0.002	<0.002	<0.002	
5/10/2010	<0.002				<0.002
6/16/2010	<0.002				0.0025 (J)
6/18/2010		<0.002	<0.002	<0.002	
7/26/2010					0.0023 (J)
7/27/2010	<0.002	<0.002			
7/28/2010				<0.002	
7/29/2010			<0.002		
9/7/2010					<0.002
9/8/2010	<0.002	<0.002			
9/9/2010			<0.002	<0.002	
4/26/2011			<0.002		
4/29/2011	<0.002	<0.002			<0.002
4/30/2011				<0.002	
10/27/2011	<0.002				
10/28/2011		<0.002	<0.002	<0.002	<0.002
5/2/2012					<0.002
5/3/2012		<0.002		0.0021 (J)	
5/4/2012	<0.002		0.0024 (J)		
11/9/2012					<0.002
11/10/2012	<0.002	<0.002		<0.002	
11/11/2012			<0.002		
5/8/2013			<0.002	<0.002	<0.002
5/9/2013	<0.002	<0.002			
11/5/2013				<0.002	
11/6/2013	<0.002	<0.002			<0.002
11/7/2013			<0.002		
5/20/2014	<0.002	<0.002	<0.002	<0.002	
5/23/2014					<0.002
11/8/2014					<0.002
11/12/2014	<0.002	<0.002	<0.002	<0.002	
5/22/2015					<0.002
5/23/2015		<0.002			
5/24/2015	<0.002		<0.002	<0.002	
11/10/2015					<0.002
11/11/2015				<0.002	
11/12/2015	<0.002	<0.002	<0.002		
4/11/2016					<0.002
4/13/2016	<0.002 (D)	<0.002 (D)	<0.002 (D)	<0.002 (D)	
10/4/2016				<0.002	
10/5/2016	<0.002	<0.002			<0.002
10/7/2016			<0.002		
4/5/2017		<0.002			
4/6/2017	<0.002		<0.002	<0.002	<0.002
10/5/2017	0.0021 (J)	<0.002		<0.002	<0.002
10/6/2017			<0.002		
3/20/2018				<0.002	<0.002
3/21/2018	<0.002	<0.002 (D)			
3/22/2018			<0.002		
10/2/2018	<0.002	<0.002		<0.002	<0.002
10/3/2018			<0.002		
3/26/2019		<0.002	<0.002	<0.002	<0.002

Time Series

Constituent: Copper (mg/L) Analysis Run 6/24/2024 1:09 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
3/27/2019	<0.002				
9/11/2019	<0.002	<0.002	<0.002	<0.002	0.00084 (J)
3/18/2020	<0.002	<0.002	<0.002	<0.002	<0.002
9/9/2020				<0.002	0.00084 (J)
9/10/2020	0.0007 (J)	<0.002	<0.002		
4/1/2021	<0.002	<0.002		<0.002	<0.002
4/6/2021			<0.002		
8/11/2021	<0.002	<0.002	<0.002	<0.002	<0.002
2/16/2022	<0.002	<0.002	<0.002	<0.002	<0.002
8/25/2022	<0.002				<0.002
8/26/2022		<0.002	<0.002	<0.002	
2/27/2023	<0.002	<0.002	<0.002	<0.002	
2/28/2023					0.0011 (J)
8/9/2023	<0.002	<0.002	<0.002	<0.002	<0.002
2/29/2024	<0.002	<0.002			<0.002
3/1/2024			<0.002	<0.002	

Time Series

Constituent: Copper (mg/L) Analysis Run 6/24/2024 1:09 PM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
5/11/2010	<0.002	<0.002	<0.002	0.003 (J)	<0.002
6/16/2010	<0.002				
6/17/2010			<0.002	<0.002	0.0022 (J)
6/19/2010		<0.002			
7/27/2010	<0.002	<0.002	0.0021 (J)		
7/28/2010				0.012 (O)	0.0033 (J)
9/7/2010	<0.002		<0.002	0.0026 (J)	
9/8/2010					<0.002
9/9/2010		<0.002			
4/28/2011		<0.002			0.0037 (J)
4/29/2011	<0.002		<0.002	<0.002	
10/28/2011	<0.002	<0.002	<0.002	<0.002	
10/29/2011					<0.002
5/2/2012	<0.002				
5/3/2012		<0.002	<0.002	<0.002	0.0031 (J)
11/9/2012	<0.002	<0.002		<0.002	
11/10/2012			<0.002		0.0021 (J)
5/9/2013	<0.002	<0.002	<0.002		
5/10/2013				0.0042 (J)	0.0025 (J)
11/5/2013		<0.002			
11/6/2013	<0.002		<0.002	<0.002	0.0032 (J)
5/22/2014	<0.002	<0.002	<0.002	<0.002	<0.002
11/8/2014	<0.002				
11/9/2014			<0.002	<0.002	<0.002
11/13/2014		<0.002			
5/22/2015				<0.002	<0.002
5/23/2015	<0.002				
5/24/2015		<0.002	<0.002		
11/10/2015	<0.002	<0.002	<0.002	<0.002	
11/11/2015		<0.002			0.002 (J)
4/11/2016	<0.002				
4/12/2016		<0.002	<0.002	<0.002 (D)	<0.002
10/4/2016		<0.002			
10/5/2016	<0.002		<0.002	<0.002	
10/6/2016					0.0022 (J)
4/5/2017	<0.002				
4/6/2017		<0.002	<0.002	<0.002	<0.002
10/4/2017		<0.002			
10/5/2017	<0.002		<0.002	<0.002	
10/6/2017					<0.002
3/20/2018	<0.002	<0.002			
3/21/2018			<0.002	<0.002	<0.002
10/2/2018	<0.002	<0.002			
10/3/2018			<0.002	<0.002	<0.002
3/26/2019	<0.002	<0.002	<0.002	<0.002	0.0039
9/10/2019		<0.002		0.0011 (J)	0.0017 (J)
3/18/2020		<0.002		<0.002	
3/19/2020	<0.002		<0.002		<0.002
9/9/2020	<0.002	<0.002			
9/10/2020			<0.002	0.00072 (J)	0.0011 (J)
4/1/2021		0.00069 (J)			
4/2/2021					0.0012 (J)

Time Series

Constituent: Copper (mg/L) Analysis Run 6/24/2024 1:09 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
4/5/2021	<0.002		<0.002		
4/6/2021				0.00088 (J)	
8/11/2021	<0.002		<0.002		
8/12/2021		0.00078 (J)		0.0019 (J)	<0.002
2/15/2022		0.0013 (J)		0.0013 (J)	0.0011 (J)
2/16/2022	<0.002		<0.002		
8/25/2022	<0.002		<0.002	0.0013 (J)	<0.002
8/26/2022		<0.002			
2/27/2023		<0.002			<0.002
2/28/2023	<0.002		<0.002	<0.002	
8/8/2023	<0.002		<0.002		<0.002
8/9/2023		<0.002		<0.002	
2/29/2024	<0.002				<0.002
3/1/2024		<0.002	<0.002		
3/4/2024				<0.002	

Time Series

Constituent: Copper (mg/L) Analysis Run 6/24/2024 1:09 PM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
5/10/2010			<0.002	0.0036 (J)	<0.002
5/11/2010	<0.002	<0.002			
6/16/2010					<0.002
6/18/2010	<0.002	0.0026 (J)	0.008 (O)		
6/19/2010				0.004 (J)	
7/27/2010	<0.002	0.0029 (J)			<0.002
7/28/2010			0.0021 (J)	0.013	
9/8/2010				0.068	<0.002
9/9/2010	<0.002	<0.002	<0.002		
4/29/2011	<0.002				<0.002
4/30/2011		<0.002	<0.002	0.098	
10/27/2011				0.02	<0.002
10/28/2011	<0.002				
10/29/2011		<0.002	<0.002		
5/3/2012					0.0023
5/4/2012	<0.002	0.0037 (J)	<0.002	0.024	
11/10/2012	<0.002	<0.002	<0.002		
11/11/2012				0.032	<0.002
5/9/2013	<0.002	<0.002	<0.002		<0.002
5/10/2013				0.18 (o)	
11/6/2013	<0.002				<0.002
11/7/2013		<0.002	0.0022 (J)	0.021	
5/21/2014		<0.002	<0.002	0.0089 (J)	<0.002
5/22/2014	<0.002				
11/9/2014	<0.002	<0.002			
11/12/2014			<0.002		<0.002
11/13/2014				0.1	
5/23/2015				0.048	<0.002
5/24/2015	<0.002	<0.002	0.0022 (J)		
11/11/2015	<0.002	<0.002	<0.002	0.059	
11/12/2015					<0.002
4/12/2016		<0.002			
4/13/2016			<0.002 (D)		<0.002 (D)
4/19/2016	<0.002			0.0131 (J)	
10/6/2016	<0.002	<0.002	<0.002		<0.002
10/10/2016				0.0046	
4/6/2017	<0.002	<0.002			<0.002
4/7/2017			<0.002	<0.002	
10/5/2017	<0.002				<0.002
10/6/2017		<0.002	0.0026		
10/9/2017				<0.002	
3/21/2018		<0.002			0.0038
3/22/2018	<0.002		<0.002	<0.002	
10/2/2018					<0.002
10/3/2018	<0.002	<0.002			
10/4/2018			<0.002	<0.002	
3/26/2019		<0.002			
3/27/2019	<0.002		<0.002	<0.002	<0.002
9/11/2019	<0.002	0.00066 (J)	0.00086 (J)	<0.002	<0.002
3/18/2020	<0.002	<0.002		<0.002	<0.002
3/19/2020			<0.002		
9/9/2020	<0.002			<0.002	<0.002

Time Series

Constituent: Copper (mg/L) Analysis Run 6/24/2024 1:09 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
9/10/2020		<0.002	0.0024		
4/1/2021	<0.002		0.00094 (J)		<0.002
4/5/2021		<0.002		<0.002	
8/11/2021		<0.002	<0.002		
8/12/2021	<0.002			<0.002	<0.002
2/15/2022	<0.002	<0.002	<0.002	<0.002	<0.002
8/25/2022	<0.002	<0.002	<0.002	<0.002	0.0017 (J)
2/27/2023		<0.002	<0.002	<0.002	0.0013 (J)
2/28/2023	<0.002				
8/8/2023	<0.002	<0.002	<0.002	<0.002	<0.002
2/29/2024	<0.002	<0.002	<0.002	<0.002	
3/1/2024					<0.002

Time Series

Constituent: Fluoride (mg/L) Analysis Run 6/24/2024 1:09 PM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
4/6/2016	0.017 (J)	0.048 (J)	0.039 (J)		
4/12/2016				0.087 (J)	
4/13/2016					0.082 (JD)
6/15/2016	<0.1	<0.1	<0.1		
6/16/2016				0.04 (J)	
6/21/2016					0.02 (J)
8/10/2016	<0.1	<0.1	<0.1		
8/11/2016				0.092 (J)	
8/15/2016					<0.1
10/4/2016	<0.1	<0.1		<0.1	
10/5/2016			<0.1		<0.1
11/29/2016		<0.1	<0.1		
11/30/2016	<0.1			0.091 (J)	
12/1/2016					<0.1
2/7/2017	<0.1	<0.1	<0.1	<0.1	
2/8/2017					<0.1
4/4/2017	<0.1	<0.1	<0.1		
4/5/2017				<0.1	
4/6/2017					<0.1
6/20/2017	<0.1	<0.1	<0.1	0.082 (J)	
6/21/2017					<0.1
10/4/2017	<0.1			<0.1	
10/5/2017		<0.1	<0.1		<0.1
3/20/2018	<0.1 (D)	<0.1	<0.1	<0.1	
3/21/2018					<0.1
10/2/2018	<0.1	<0.1	<0.1	0.089 (J)	<0.1
3/26/2019	<0.1	0.041 (J)	0.042 (J)	0.072 (J)	
3/27/2019					0.077 (J)
9/10/2019	<0.1	0.047 (J)	0.046 (J)	0.077 (J)	
9/11/2019					0.067 (J)
3/18/2020	0.036 (J)	0.041 (J)	0.071 (J)	0.098 (J)	0.088 (J)
9/9/2020	<0.1	0.034 (J)	0.036 (J)	0.069 (J)	0.055 (J)
4/1/2021	<0.1	0.035 (J)	0.042 (J)	0.081 (J)	0.086 (J)
8/11/2021	0.036 (J)	0.05 (J)	0.053 (J)		
8/17/2021					0.083 (J)
10/18/2021				0.081 (J)	
2/15/2022	0.054 (J)	0.079 (J)	0.083 (J)	0.12	0.099 (J)
5/12/2022				0.048 (J,R)	
8/24/2022			0.047 (J)	0.075 (J)	
8/25/2022	<0.1	0.047 (J)			0.065 (J)
2/21/2023					0.061 (J)
2/27/2023				0.08 (J)	
2/28/2023	0.077 (J)	0.089 (J)	0.067 (J)		
8/3/2023	<0.1	0.074 (J)	0.068 (J)		
8/9/2023				0.11	0.083 (J)
2/28/2024		<0.1	<0.1		
3/1/2024				<0.1	<0.1
3/4/2024	<0.1				

Time Series

Constituent: Fluoride (mg/L) Analysis Run 6/24/2024 1:09 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
4/11/2016					0.047 (J)
4/13/2016	0.061 (JD)	0.01 (JD)	0.039 (JD)	0.027 (JD)	
6/16/2016					<0.1
6/21/2016	0.03 (J)	<0.1	<0.1	<0.1	
8/11/2016					<0.1
8/15/2016	<0.1	<0.1	<0.1	<0.1	
10/4/2016				<0.1	
10/5/2016	<0.1	<0.1			<0.1
10/7/2016			<0.1		
11/29/2016					<0.1
12/1/2016	<0.1	<0.1	<0.1	<0.1	
2/7/2017				<0.1	
2/8/2017	<0.1	<0.1			<0.1
2/9/2017			<0.1		
4/5/2017		<0.1			
4/6/2017	<0.1		<0.1	<0.1	<0.1
6/20/2017	<0.1	<0.1		<0.1	
6/21/2017					<0.1
6/22/2017			<0.1		
10/5/2017	<0.1	<0.1		<0.1	<0.1
10/6/2017			<0.1		
3/20/2018				<0.1	<0.1
3/21/2018	<0.1	<0.1 (D)			
3/22/2018			<0.1		
10/2/2018	<0.1	<0.1		<0.1	<0.1
10/3/2018			<0.1		
3/26/2019		0.026 (J)	0.04 (J)	0.034 (J)	0.046 (J)
3/27/2019	0.048 (J)				
9/11/2019	0.054 (J)	0.039 (J)	0.051 (J)	0.045 (J)	0.055 (J)
3/18/2020	0.064 (J)	0.046 (J)	0.055 (J)	0.068 (J)	<0.1
9/9/2020				<0.1	0.045 (J)
9/10/2020	0.052 (J)	<0.1	0.034 (J)		
4/1/2021	0.042 (J)	<0.1		<0.1	0.041 (J)
4/6/2021			0.026 (J)		
8/11/2021	0.051 (J)	0.029 (J)	0.045 (J)	0.045 (J)	0.062 (J)
2/16/2022	<0.1	<0.1	<0.1	<0.1	0.034 (J)
8/25/2022	0.059 (J)				0.047 (J)
8/26/2022		0.026 (J)	0.055 (J)	0.068 (J)	
2/27/2023	0.064 (J)	0.032 (J)	0.055 (J)	0.047 (J)	
2/28/2023					0.12
8/9/2023	0.071 (J)	<0.1	0.06 (J)	<0.1	0.066 (J)
2/29/2024	<0.1	<0.1			<0.1
3/1/2024			<0.1	<0.1	

Time Series

Constituent: Fluoride (mg/L) Analysis Run 6/24/2024 1:09 PM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
4/11/2016	0.048 (J)				
4/12/2016		0.046 (J)	0.056 (J)	0.057 (JD)	0.121 (J)
6/16/2016	<0.1	<0.1	<0.1		
6/20/2016				0.04 (J)	0.04 (J)
8/11/2016	<0.1	<0.1	<0.1		
8/16/2016				<0.1	0.13 (J)
10/4/2016		<0.1			
10/5/2016	<0.1		<0.1	<0.1	
10/6/2016					0.1 (J)
11/29/2016	<0.1				
11/30/2016		<0.1	<0.1	<0.1	0.13 (J)
2/7/2017		<0.1			
2/8/2017	<0.1		<0.1	<0.1	0.093 (J)
4/5/2017	<0.1				
4/6/2017		<0.1	<0.1	<0.1	0.1 (J)
6/20/2017		<0.1			
6/21/2017	<0.1		<0.1	<0.1	
6/22/2017					0.11 (J)
10/4/2017		<0.1			
10/5/2017	<0.1		<0.1	<0.1	
10/6/2017					0.096 (J)
3/20/2018	<0.1	<0.1			
3/21/2018			<0.1	<0.1	0.094 (J)
10/2/2018	<0.1	<0.1			
10/3/2018			<0.1	<0.1	0.1 (J+X)
3/26/2019	0.04 (J)	0.046 (J)	0.045 (J)	0.046 (J)	0.087 (J)
9/10/2019		0.048 (J)		0.058 (J)	0.097 (J)
9/12/2019	0.032 (J)		0.044 (J)		
3/18/2020		0.055 (J)		0.091 (J)	
3/19/2020	<0.1		<0.1		0.038 (J)
9/9/2020	0.034 (J)	0.033 (J)			
9/10/2020			0.051 (J)	0.063 (J)	0.1
4/1/2021		0.043 (J)			
4/2/2021					0.097 (J)
4/6/2021				0.045 (J)	
6/1/2021	0.026 (J)		0.033 (J)		
8/11/2021	0.047 (J)		0.051 (J)		
8/12/2021		0.054 (J)		0.084 (J)	0.11
2/15/2022		0.072 (J)		0.092 (J)	0.13
2/16/2022	0.028 (J)		<0.1		
8/25/2022	0.042 (J)		0.05 (J)	0.059 (J)	0.077 (J)
8/26/2022		0.048 (J)			
2/27/2023		0.055 (J)			0.075 (J)
2/28/2023	0.079 (J)		0.089 (J)	0.08 (J)	
8/8/2023	0.067 (J)		0.053 (J)		0.1
8/9/2023		0.068 (J)		0.076 (J)	
2/29/2024	<0.1				<0.1
3/1/2024		<0.1	<0.1		
3/4/2024				<0.1	

Time Series

Constituent: Fluoride (mg/L) Analysis Run 6/24/2024 1:09 PM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
4/12/2016		0.061 (J)			
4/13/2016			0.061 (JD)		0.083 (JD)
4/19/2016	0.024 (J)			0.135 (J)	
6/20/2016		<0.1	0.12 (J)		
6/22/2016	<0.1				0.03 (J)
8/15/2016			<0.1		<0.1
8/16/2016	<0.1	<0.1			
10/6/2016	<0.1	<0.1	<0.1		<0.1
10/10/2016				0.12 (J)	
11/30/2016		<0.1			
12/1/2016	<0.1		<0.1	0.12 (J)	<0.1
2/8/2017					<0.1
2/9/2017	<0.1	<0.1	<0.1	0.11 (J)	
4/6/2017	<0.1	<0.1			<0.1
4/7/2017			<0.1	0.15 (J)	
6/21/2017	<0.1	<0.1		0.21	<0.1
6/22/2017			<0.1		
8/15/2017				0.1 (J)	
9/1/2017				0.084 (J)	
10/5/2017	<0.1				0.084 (J)
10/6/2017		<0.1	<0.1		
3/21/2018		<0.1			<0.1
3/22/2018	<0.1		<0.1	0.091 (J)	
10/2/2018					<0.1
10/3/2018	<0.1	<0.1			
10/4/2018			<0.1	0.14 (J+X)	
3/26/2019		0.058 (J)			
3/27/2019	0.038 (J)		0.04 (J)	0.071 (J)	0.066 (J)
9/11/2019	0.045 (J)	0.058 (J)	0.057 (J)	0.071 (J)	0.067 (J)
3/18/2020	0.055 (J)	0.082 (J)		0.073 (J)	0.096 (J)
3/19/2020			<0.1		
9/9/2020	0.033 (J)			0.038 (J)	0.067 (J)
9/10/2020		0.052 (J)	0.053 (J)		
4/1/2021	0.029 (J)		0.072 (J)		0.072 (J)
6/1/2021				0.034 (J)	
6/2/2021		0.038 (J)			
8/11/2021		0.055 (J)	0.058 (J)		
8/12/2021	0.045 (J)			0.087 (J)	0.085 (J)
2/15/2022	0.16	0.095 (J)	0.083 (J)	0.096 (J)	0.096 (J)
5/12/2022	0.03 (J,R)				
8/25/2022	0.047 (J)	0.058 (J)	0.051 (J)	0.059 (J)	0.064 (J)
2/27/2023		0.072 (J)	0.054 (J)	0.097 (J)	0.07 (J)
2/28/2023	0.065 (J)				
8/8/2023	0.066 (J)	0.1	0.084 (J)	0.053 (J)	0.088 (J)
2/29/2024	<0.1	<0.1	<0.1	<0.1	
3/1/2024					<0.1

Time Series

Constituent: Lead, T Total (mg/L) Analysis Run 6/24/2024 1:09 PM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
5/8/2010			<0.001		
5/9/2010	<0.001	0.0021 (J)			
5/10/2010					<0.001
5/11/2010				<0.001	
6/16/2010		0.0028 (J)	0.0021 (J)		0.002 (J)
6/17/2010				0.0026 (J)	
6/18/2010	<0.001				
7/26/2010			<0.001		
7/27/2010		<0.001		<0.001	
7/28/2010	<0.001				<0.001
9/7/2010		<0.001	<0.001		
9/8/2010					<0.001
9/9/2010	<0.001			<0.001	
4/28/2011				0.0036 (J)	
4/29/2011		0.0032 (J)	0.0024 (J)		0.003 (J)
4/30/2011	<0.001				
10/27/2011					0.0027 (J)
10/28/2011	<0.001	0.0025 (J)	0.002 (J)		
10/29/2011				0.0038 (J)	
5/2/2012	<0.001	<0.001	<0.001		
5/3/2012				<0.001	
5/4/2012					<0.001
11/9/2012	<0.001	0.0024 (J)	<0.001	0.0024 (J)	
11/11/2012					0.0022 (J)
5/8/2013	<0.001	0.0051	0.0034 (J)		
5/9/2013				0.0085	0.007
11/5/2013	<0.001			0.0042 (J)	0.0048 (J)
11/6/2013		0.0033 (J)	0.0028 (J)		
5/20/2014	<0.001	<0.001	<0.001		
5/21/2014					<0.001
5/23/2014				<0.001	
11/8/2014		<0.001	<0.001		
11/12/2014	<0.001				0.002 (J)
11/13/2014				<0.001	
5/22/2015	<0.001	0.0036 (J)	0.0032 (J)		
5/23/2015				0.0044 (J)	0.0035 (J)
11/9/2015		0.0039 (J)	<0.001		
11/11/2015	<0.001			0.0042 (J)	
11/12/2015					0.0032 (J)
4/6/2016	<0.001	<0.001	<0.001		
4/12/2016				<0.001	
4/13/2016					<0.001 (D)
6/15/2016	<0.001	<0.001	<0.001		
6/16/2016				<0.001	
6/21/2016					<0.001
8/10/2016	<0.001	<0.001	<0.001		
8/11/2016				<0.001	
8/15/2016					<0.001
10/4/2016	<0.001	<0.001		<0.001	
10/5/2016			<0.001		<0.001
11/29/2016		<0.001	<0.001		
11/30/2016	<0.001			<0.001	

Time Series

Constituent: Lead, T Total (mg/L) Analysis Run 6/24/2024 1:09 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
12/1/2016					<0.001
2/7/2017	<0.001	<0.001	<0.001	<0.001	
2/8/2017					<0.001
4/4/2017	<0.001	<0.001	<0.001		
4/5/2017				<0.001	
4/6/2017					<0.001
6/20/2017	<0.001	<0.001	<0.001	<0.001	
6/21/2017					<0.001
10/4/2017	<0.001			0.00067 (J)	
10/5/2017		<0.001	<0.001		<0.001
3/20/2018	<0.001 (D)	<0.001	<0.001	<0.001	
3/21/2018					<0.001
10/2/2018	<0.001	<0.001	<0.001	<0.001	<0.001
3/26/2019	<0.001	<0.001	<0.001	<0.001	
3/27/2019					<0.001
9/10/2019	<0.001	0.00016 (J)	0.00022 (J)	<0.001	
9/11/2019					<0.001
3/18/2020	<0.001	<0.001	<0.001	0.00023 (J)	<0.001
9/9/2020	<0.001	<0.001	<0.001	<0.001	<0.001
4/1/2021	<0.001	<0.001	<0.001	<0.001	<0.001
8/11/2021	<0.001	<0.001	<0.001		
8/18/2021				<0.001	
10/18/2021					<0.001
2/15/2022	<0.001	<0.001	<0.001	<0.001	<0.001
8/24/2022			<0.001	<0.001	
8/25/2022	<0.001	<0.001			<0.001
2/21/2023					<0.001
2/27/2023				<0.001	
2/28/2023	<0.001	<0.001	<0.001		
8/3/2023	<0.001	<0.001	<0.001		
8/9/2023				<0.001	<0.001
2/28/2024		<0.001	<0.001		
3/1/2024				0.00028 (J)	<0.001
3/4/2024	<0.001				

Time Series

Constituent: Lead, T Total (mg/L) Analysis Run 6/24/2024 1:09 PM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
5/9/2010		<0.001	<0.001	<0.001	
5/10/2010	<0.001				<0.001
6/16/2010	<0.001				0.0023 (J)
6/18/2010		<0.001	0.0021	<0.001	
7/26/2010					<0.001
7/27/2010	<0.001	<0.001			
7/28/2010				<0.001	
7/29/2010			<0.001		
9/7/2010					<0.001
9/8/2010	<0.001	<0.001			
9/9/2010			<0.001	<0.001	
4/26/2011			<0.001		
4/29/2011	0.0032 (J)	<0.001			0.0033 (J)
4/30/2011				<0.001	
10/27/2011	0.0027 (J)				
10/28/2011		<0.001	<0.001	<0.001	0.0023 (J)
5/2/2012					<0.001
5/3/2012		<0.001		<0.001	
5/4/2012	<0.001		<0.001		
11/9/2012					<0.001
11/10/2012	0.0025 (J)	<0.001		<0.001	
11/11/2012			<0.001		
5/8/2013			0.0036	0.0024	0.0052
5/9/2013	0.0051	<0.001			
11/5/2013				0.0028	
11/6/2013	0.0037 (J)	<0.001			0.003 (J)
11/7/2013			<0.001		
5/20/2014	<0.001	<0.001	<0.001	<0.001	
5/23/2014					<0.001
11/8/2014					<0.001
11/12/2014	<0.001	<0.001	<0.001	<0.001	
5/22/2015					0.0023 (J)
5/23/2015		<0.001			
5/24/2015	0.0037 (J)		<0.001	<0.001	
11/10/2015					0.0025 (J)
11/11/2015				<0.001	
11/12/2015	0.0038 (J)	<0.001	<0.001		
4/11/2016					<0.001
4/13/2016	<0.001 (D)	<0.001 (D)	<0.001 (D)	<0.001 (D)	
6/16/2016					<0.001
6/21/2016	<0.001	<0.001	<0.001	<0.001	
8/11/2016					<0.001
8/15/2016	<0.001	<0.001	<0.001	<0.001	
10/4/2016				<0.001	
10/5/2016	<0.001	<0.001			<0.001
10/7/2016			<0.001		
11/29/2016					<0.001
12/1/2016	<0.001	<0.001	<0.001	<0.001	
2/7/2017				<0.001	
2/8/2017	<0.001	<0.001			<0.001
2/9/2017			<0.001		
4/5/2017		<0.001			

Time Series

Constituent: Lead, T Total (mg/L) Analysis Run 6/24/2024 1:09 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
4/6/2017	<0.001		<0.001	<0.001	<0.001
6/20/2017	<0.001	<0.001		<0.001	
6/21/2017					<0.001
6/22/2017			<0.001		
10/5/2017	<0.001	<0.001		<0.001	<0.001
10/6/2017			0.00061 (J)		
3/20/2018				<0.001	<0.001
3/21/2018	<0.001	<0.001 (D)			
3/22/2018			<0.001		
10/2/2018	<0.001	<0.001		<0.001	<0.001
10/3/2018			<0.001		
3/26/2019		<0.001	<0.001	<0.001	<0.001
3/27/2019	<0.001				
9/11/2019	<0.001	<0.001	<0.001	<0.001	<0.001
3/18/2020	0.0017	<0.001	<0.001	<0.001	<0.001
9/9/2020				<0.001	<0.001
9/10/2020	0.00014 (J)	<0.001	<0.001		
4/1/2021	<0.001	<0.001		<0.001	<0.001
4/6/2021			<0.001		
8/11/2021	<0.001	<0.001	<0.001	<0.001	<0.001
2/16/2022	<0.001	<0.001	<0.001	<0.001	<0.001
8/25/2022	<0.001				<0.001
8/26/2022		<0.001	<0.001	<0.001	
2/27/2023	<0.001	<0.001	<0.001	<0.001	
2/28/2023					<0.001
8/9/2023	<0.001	<0.001	<0.001	<0.001	<0.001
2/29/2024	0.0012	<0.001			<0.001
3/1/2024			<0.001	<0.001	

Time Series

Constituent: Lead, T Total (mg/L) Analysis Run 6/24/2024 1:09 PM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
5/11/2010	<0.001	<0.001	0.0026 (J)	0.011 (o)	<0.001
6/16/2010	0.0022 (J)				
6/17/2010			0.0021 (J)	0.0027 (J)	<0.001
6/19/2010		0.003 (J)			
7/27/2010	<0.001	<0.001	<0.001		
7/28/2010				<0.001	<0.001
9/7/2010	<0.001		<0.001	<0.001	
9/8/2010					0.002 (J)
9/9/2010		<0.001			
4/28/2011		0.0037 (J)			0.0042 (J)
4/29/2011	0.0029 (J)		0.0032 (J)	0.0038 (J)	
10/28/2011	0.0021 (J)	0.003 (J)	0.0025 (J)	<0.001	
10/29/2011					0.0036 (J)
5/2/2012	<0.001				
5/3/2012		<0.001	<0.001	<0.001	<0.001
11/9/2012	0.002 (J)	0.003 (J)		0.0029 (J)	
11/10/2012			<0.001		0.0023 (J)
5/9/2013	0.0056	0.0063	0.0056		
5/10/2013				0.0061	0.0062
11/5/2013		0.0043 (J)			
11/6/2013	0.0035 (J)		0.0032 (J)	0.0025 (J)	0.0043 (J)
5/22/2014	<0.001	<0.001	<0.001	<0.001	<0.001
11/8/2014	<0.001				
11/9/2014			<0.001	<0.001	<0.001
11/13/2014		0.0021 (J)			
5/22/2015				0.0034 (J)	0.0046 (J)
5/23/2015	0.0047 (J)				
5/24/2015		0.0043 (J)	0.0044 (J)		
11/10/2015	0.0044 (J)		0.0038 (J)	0.0021 (J)	
11/11/2015		0.0032 (J)			0.0028 (J)
4/11/2016	<0.001				
4/12/2016		<0.001	<0.001	<0.001 (D)	<0.001
6/16/2016	<0.001	<0.001	<0.001		
6/20/2016				<0.001	<0.001
8/11/2016	<0.001	<0.001	<0.001		
8/12/2016				<0.001	<0.001
10/4/2016		<0.001			
10/5/2016	<0.001		<0.001	<0.001	
10/6/2016					<0.001
11/29/2016	<0.001				
11/30/2016		<0.001	<0.001	<0.001	<0.001
2/7/2017		<0.001			
2/8/2017	<0.001		<0.001	<0.001	<0.001
4/5/2017	0.0009 (J)				
4/6/2017		<0.001	<0.001	<0.001	<0.001
6/20/2017		<0.001			
6/21/2017	<0.001		<0.001	<0.001	
6/22/2017					<0.001
10/4/2017		<0.001			
10/5/2017	0.0015		<0.001	<0.001	
10/6/2017					<0.001
3/20/2018	<0.001	<0.001			

Time Series

Constituent: Lead, T Total (mg/L) Analysis Run 6/24/2024 1:09 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
3/21/2018			<0.001	<0.001	<0.001
10/2/2018	<0.001	<0.001			
10/3/2018			<0.001	0.00037 (J)	<0.001
3/26/2019	<0.001	<0.001	<0.001	<0.001	<0.001
9/10/2019		<0.001		<0.001	<0.001
9/12/2019	<0.001		<0.001		
3/18/2020		0.00014 (J)		<0.001	
3/19/2020	<0.001		<0.001		0.00019 (J)
9/9/2020	<0.001	<0.001			
9/10/2020			<0.001	<0.001	<0.001
4/1/2021		<0.001			
4/2/2021					<0.001
4/5/2021	0.00014 (J)		<0.001		
4/6/2021				<0.001	
8/11/2021	<0.001		<0.001		
8/12/2021		<0.001		0.00014 (J)	<0.001
2/15/2022		<0.001		<0.001	<0.001
2/16/2022	<0.001		<0.001		
8/25/2022	<0.001		<0.001	<0.001	<0.001
8/26/2022		<0.001			
2/27/2023		<0.001			<0.001
2/28/2023	<0.001		<0.001	<0.001	
8/8/2023	<0.001		<0.001		<0.001
8/9/2023		<0.001		<0.001	
2/29/2024	<0.001				<0.001
3/1/2024		<0.001	<0.001		
3/4/2024				<0.001	

Time Series

Constituent: Lead, T Total (mg/L) Analysis Run 6/24/2024 1:09 PM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
5/10/2010			<0.001	<0.001	<0.001
5/11/2010	<0.001	<0.001			
6/16/2010					0.003 (J)
6/18/2010	0.0024	<0.001	0.0027 (J)		
6/19/2010				<0.001	
7/27/2010	<0.001	<0.001			<0.001
7/28/2010			<0.001	<0.001	
9/8/2010				0.0023 (J)	<0.001
9/9/2010	<0.001	<0.001	0.002 (J)		
4/29/2011	0.0028				0.0039 (J)
4/30/2011		0.0034 (J)	0.0037 (J)	0.011 (O)	
10/27/2011				0.0055	0.0043 (J)
10/28/2011	<0.001				
10/29/2011		0.0041 (J)	0.0025 (J)		
5/3/2012					<0.001
5/4/2012	<0.001	<0.001	<0.001	0.0029 (J)	
11/10/2012	<0.001	0.0023 (J)	0.003 (J)		
11/11/2012				0.0052	0.0025 (J)
5/9/2013	0.0061	0.0067	0.0064		0.0067
5/10/2013				0.023 (O)	
11/6/2013	0.0034				0.0069
11/7/2013		0.0048 (J)	0.0037 (J)	0.0083	
5/21/2014		<0.001	<0.001	<0.001	<0.001
5/22/2014	<0.001				
11/9/2014	<0.001	<0.001			
11/12/2014			<0.001		0.002 (J)
11/13/2014				0.0085	
5/23/2015				0.0077	0.003 (J)
5/24/2015	0.0093 (O)	0.0045 (J)	0.0053 (J)		
11/11/2015	0.0071	0.0048 (J)	0.0022 (J)	0.008	
11/12/2015					0.0044 (J)
4/12/2016		<0.001			
4/13/2016			<0.001 (D)		<0.001 (D)
4/19/2016	<0.001			<0.001	
6/20/2016		<0.001	<0.001		
6/22/2016	<0.001				<0.001
8/12/2016		<0.001			
8/15/2016			<0.001		<0.001
8/16/2016	<0.001				
10/6/2016	<0.001	<0.001	<0.001		<0.001
10/10/2016				<0.001	
11/30/2016		<0.001			
12/1/2016	<0.001		<0.001	0.00047 (J)	<0.001
2/8/2017					<0.001
2/9/2017	<0.001	<0.001	<0.001	0.0012 (J)	
4/6/2017	<0.001	<0.001			<0.001
4/7/2017			<0.001	<0.001	
6/21/2017	<0.001	<0.001		<0.001	<0.001
6/22/2017			<0.001		
8/15/2017				<0.001	
9/1/2017				<0.001	
10/5/2017	<0.001				<0.001

Time Series

Constituent: Lead, T Total (mg/L) Analysis Run 6/24/2024 1:09 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
10/6/2017		<0.001	<0.001		
10/9/2017				<0.001	
3/21/2018		<0.001			<0.001
3/22/2018	<0.001		<0.001	<0.001	
10/2/2018					<0.001
10/3/2018	<0.001	<0.001			
10/4/2018			<0.001	<0.001	
3/26/2019		<0.001			
3/27/2019	<0.001		<0.001	<0.001	<0.001
9/11/2019	<0.001	<0.001	<0.001	<0.001	<0.001
3/18/2020	<0.001	<0.001		<0.001	<0.001
3/19/2020			<0.001		
9/9/2020	<0.001			<0.001	<0.001
9/10/2020		<0.001	0.00017 (J)		
4/1/2021	<0.001		<0.001		<0.001
4/5/2021		<0.001		0.00034 (J)	
8/11/2021		<0.001	0.00014 (J)		
8/12/2021	<0.001			<0.001	<0.001
2/15/2022	<0.001	<0.001	<0.001	<0.001	<0.001
8/25/2022	<0.001	<0.001	<0.001	<0.001	<0.001
2/27/2023		<0.001	<0.001	<0.001	<0.001
2/28/2023	<0.001				
8/8/2023	<0.001	<0.001	<0.001	<0.001	<0.001
2/29/2024	<0.001	<0.001	<0.001	0.00021 (J)	
3/1/2024					<0.001

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/24/2024 1:09 PM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
5/8/2010			<0.0002		
5/9/2010	<0.0002	<0.0002			
5/10/2010					<0.0002
5/11/2010				<0.0002	
6/16/2010		<0.0002	<0.0002		<0.0002
6/17/2010				<0.0002	
6/18/2010	<0.0002				
7/26/2010			<0.0002		
7/27/2010		<0.0002		<0.0002	
7/28/2010	<0.0002				<0.0002
9/7/2010		7.4E-05 (J)	7.8E-05 (J)		
9/8/2010					8.8E-05 (J)
9/9/2010	<0.0002			<0.0002	
4/28/2011				<0.0002	
4/29/2011		<0.0002	<0.0002		<0.0002
4/30/2011	<0.0002				
10/27/2011					<0.0002
10/28/2011	<0.0002	<0.0002	<0.0002		
10/29/2011				<0.0002	
5/2/2012	<0.0002	<0.0002	<0.0002		
5/3/2012				<0.0002	
5/4/2012					<0.0002
11/9/2012	<0.0002	<0.0002	<0.0002	<0.0002	
11/11/2012					<0.0002
5/8/2013	7E-05 (J)	8E-05 (J)	<0.0002		
5/9/2013				<0.0002	<0.0002
11/5/2013	<0.0002			7.3E-05 (J)	0.00011 (J)
11/6/2013		0.00014	0.00011		
5/20/2014	<0.0002	<0.0002	<0.0002		
5/21/2014					<0.0002
5/23/2014				<0.0002	
11/8/2014		<0.0002	<0.0002		
11/12/2014	<0.0002				<0.0002
11/13/2014				<0.0002	
5/22/2015	7.2E-05 (J)	<0.0002	7.1E-05 (J)		
5/23/2015				<0.0002	<0.0002
11/9/2015		<0.0002	<0.0002		
11/11/2015	<0.0002			<0.0002	
11/12/2015					<0.0002
4/6/2016	<0.0002	<0.0002	<0.0002		
4/12/2016				<0.0002	
4/13/2016					<0.0002 (D)
6/15/2016	<0.0002	<0.0002	<0.0002		
6/16/2016				<0.0002	
6/21/2016					<0.0002
8/10/2016	<0.0002	<0.0002	<0.0002		
8/11/2016				<0.0002	
8/15/2016					<0.0002
10/4/2016	<0.0002	<0.0002		<0.0002	
10/5/2016			<0.0002		<0.0002
11/29/2016		<0.0002	<0.0002		
11/30/2016	<0.0002			<0.0002	

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/24/2024 1:09 PM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
12/1/2016					<0.0002
2/7/2017	<0.0002	<0.0002	<0.0002	7E-05 (J)	
2/8/2017					7.6E-05 (J)
4/4/2017	<0.0002	<0.0002	<0.0002		
4/5/2017				<0.0002	
4/6/2017					<0.0002
6/20/2017	<0.0002	<0.0002	<0.0002	<0.0002	
6/21/2017					<0.0002
10/4/2017	<0.0002			<0.0002	
10/5/2017		<0.0002	<0.0002		<0.0002
3/20/2018	<0.0002 (XD)	<0.0002	<0.0002 (X)	<0.0002 (X)	
3/21/2018					<0.0002
10/2/2018	<0.0002 (X)	<0.0002 (X)	<0.0002 (X)	<0.0002 (X)	<0.0002 (X)
3/26/2019	<0.0002	<0.0002	<0.0002	<0.0002	
3/27/2019					<0.0002
9/10/2019	<0.0002	<0.0002	<0.0002	<0.0002	
9/11/2019					<0.0002
3/18/2020	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
9/9/2020	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
4/1/2021	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
8/11/2021	<0.0002	<0.0002	<0.0002		
8/17/2021					<0.0002
8/18/2021				<0.0002	
2/15/2022	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
8/24/2022			<0.0002	<0.0002	
8/25/2022	<0.0002	<0.0002			<0.0002
2/21/2023					<0.0002
2/27/2023				<0.0002	
2/28/2023	<0.0002	<0.0002	<0.0002		
8/3/2023	<0.0002	<0.0002	<0.0002		
8/9/2023				<0.0002	<0.0002
2/28/2024		<0.0002	<0.0002		
3/1/2024				<0.0002	<0.0002
3/4/2024	<0.0002				

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/24/2024 1:09 PM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
5/9/2010		<0.0002	8.2E-05 (J)	9.1E-05 (J)	
5/10/2010	<0.0002				<0.0002
6/16/2010	<0.0002				<0.0002
6/18/2010		<0.0002	<0.0002	<0.0002	
7/26/2010					<0.0002
7/27/2010	<0.0002	<0.0002			
7/28/2010				<0.0002	
7/29/2010			<0.0002		
9/7/2010					<0.0002
9/8/2010	<0.0002	<0.0002			
9/9/2010			<0.0002	<0.0002	
4/26/2011			<0.0002		
4/29/2011	<0.0002	<0.0002			<0.0002
4/30/2011				<0.0002	
10/27/2011	<0.0002				
10/28/2011		<0.0002	<0.0002	<0.0002	<0.0002
5/2/2012					<0.0002
5/3/2012		<0.0002		<0.0002	
5/4/2012	<0.0002		<0.0002		
11/9/2012					<0.0002
11/10/2012	<0.0002	<0.0002		<0.0002	
11/11/2012			<0.0002		
5/8/2013			<0.0002	<0.0002	<0.0002
5/9/2013	0.00019	<0.0002			
11/5/2013				0.00016	
11/6/2013	0.00014	<0.0002			<0.0002
11/7/2013			0.0001		
5/20/2014	<0.0002	<0.0002	<0.0002	<0.0002	
5/23/2014					<0.0002
11/8/2014					<0.0002
11/12/2014	<0.0002	<0.0002	<0.0002	<0.0002	
5/22/2015					<0.0002
5/23/2015		<0.0002			
5/24/2015	<0.0002		<0.0002	<0.0002	
11/10/2015					<0.0002
11/11/2015				<0.0002	
11/12/2015	<0.0002	<0.0002	<0.0002		
4/11/2016					<0.0002
4/13/2016	<0.0002 (D)	<0.0002 (D)	<0.0002 (D)	<0.0002 (D)	
6/16/2016					<0.0002
6/21/2016	<0.0002	<0.0002	<0.0002	<0.0002	
8/11/2016					<0.0002
8/15/2016	<0.0002	<0.0002	<0.0002	<0.0002	
10/4/2016				<0.0002	
10/5/2016	<0.0002	<0.0002			<0.0002
10/7/2016			<0.0002		
11/29/2016					<0.0002
12/1/2016	<0.0002	<0.0002	<0.0002	<0.0002	
2/7/2017				<0.0002	
2/8/2017	<0.0002	<0.0002			8.9E-05
2/9/2017			<0.0002		
4/5/2017		<0.0002			

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/24/2024 1:09 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
4/6/2017	<0.0002		<0.0002	<0.0002	<0.0002
6/20/2017	<0.0002	<0.0002		<0.0002	
6/21/2017					<0.0002
6/22/2017			<0.0002		
10/5/2017	<0.0002	<0.0002		<0.0002	<0.0002
10/6/2017			<0.0002		
3/20/2018				<0.0002	<0.0002
3/21/2018	<0.0002	<0.0002 (D)			
3/22/2018			<0.0002 (X)		
10/2/2018	<0.0002 (X)	<0.0002 (X)		<0.0002 (X)	<0.0002 (X)
10/3/2018			<0.0002 (X)		
3/26/2019		<0.0002	<0.0002	<0.0002	<0.0002
3/27/2019	<0.0002				
9/11/2019	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
3/18/2020	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
9/9/2020				<0.0002	<0.0002
9/10/2020	<0.0002	<0.0002	<0.0002		
4/1/2021	<0.0002	<0.0002		<0.0002	<0.0002
4/6/2021			<0.0002		
8/11/2021	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
2/16/2022	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
8/25/2022	<0.0002				<0.0002
8/26/2022		<0.0002	<0.0002	<0.0002	
2/27/2023	<0.0002	<0.0002	<0.0002	<0.0002	
2/28/2023					<0.0002
8/9/2023	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
2/29/2024	<0.0002	<0.0002			<0.0002
3/1/2024			<0.0002	<0.0002	

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/24/2024 1:09 PM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
5/11/2010	<0.0002	<0.0002	8.5E-05	<0.0002	<0.0002
6/16/2010	<0.0002				
6/17/2010			<0.0002	<0.0002	<0.0002
6/19/2010		<0.0002			
7/27/2010	<0.0002	<0.0002	<0.0002		
7/28/2010				<0.0002	<0.0002
9/7/2010	0.00011		0.0001	0.00012	
9/8/2010					<0.0002
9/9/2010		9.3E-05			
4/28/2011		<0.0002			<0.0002
4/29/2011	<0.0002		<0.0002	<0.0002	
10/28/2011	<0.0002	<0.0002	<0.0002	<0.0002	
10/29/2011					<0.0002
5/2/2012	<0.0002				
5/3/2012		<0.0002	<0.0002	<0.0002	<0.0002
11/9/2012	<0.0002	<0.0002		<0.0002	
11/10/2012			<0.0002		<0.0002
5/9/2013	<0.0002	<0.0002	<0.0002		
5/10/2013				0.00014	0.00012
11/5/2013		0.00011			
11/6/2013	<0.0002		<0.0002	0.00014	<0.0002
5/22/2014	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
11/8/2014	<0.0002				
11/9/2014			<0.0002	<0.0002	<0.0002
11/13/2014		<0.0002			
5/22/2015				<0.0002	<0.0002
5/23/2015	<0.0002				
5/24/2015		<0.0002	<0.0002		
11/10/2015	<0.0002		<0.0002	<0.0002	
11/11/2015		<0.0002			<0.0002
4/11/2016	<0.0002				
4/12/2016		<0.0002	<0.0002	<0.0002 (D)	<0.0002
6/16/2016	<0.0002	<0.0002	<0.0002		
6/20/2016				<0.0002	<0.0002
8/11/2016	<0.0002	<0.0002	<0.0002		
8/12/2016				<0.0002	<0.0002
10/4/2016		<0.0002			
10/5/2016	<0.0002		<0.0002	<0.0002	
10/6/2016					<0.0002
11/29/2016	<0.0002				
11/30/2016		<0.0002	<0.0002	<0.0002	<0.0002
2/7/2017		<0.0002			
2/8/2017	7.6E-05 (J)		7.5E-05 (J)	<0.0002	<0.0002
4/5/2017	<0.0002				
4/6/2017		<0.0002	<0.0002	<0.0002	<0.0002
6/20/2017		<0.0002			
6/21/2017	<0.0002		<0.0002	<0.0002	
6/22/2017					<0.0002
10/4/2017		<0.0002			
10/5/2017	<0.0002		<0.0002	<0.0002	
10/6/2017					<0.0002
3/20/2018	<0.0002 (X)	<0.0002 (X)			

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/24/2024 1:09 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
3/21/2018			<0.0002	<0.0002	<0.0002 (X)
10/2/2018	<0.0002 (X)	<0.0002			
10/3/2018			<0.0002 (X)	<0.0002 (X)	<0.0002 (X)
3/26/2019	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
9/10/2019		<0.0002		<0.0002	<0.0002
9/12/2019	<0.0002		<0.0002		
3/18/2020		<0.0002		<0.0002	
3/19/2020	<0.0002		<0.0002		<0.0002
9/9/2020	<0.0002	<0.0002			
9/10/2020			<0.0002	<0.0002	<0.0002
4/1/2021		<0.0002			
4/2/2021					<0.0002
4/6/2021				<0.0002	
6/1/2021	<0.0002		<0.0002		
8/11/2021	<0.0002		<0.0002		
8/12/2021		<0.0002		<0.0002	<0.0002
2/15/2022		<0.0002		<0.0002	<0.0002
2/16/2022	<0.0002		0.00015 (J)		
8/25/2022	<0.0002		<0.0002	<0.0002	<0.0002
8/26/2022		<0.0002			
2/27/2023		<0.0002			<0.0002
2/28/2023	<0.0002		<0.0002	<0.0002	
8/8/2023	<0.0002		<0.0002		<0.0002
8/9/2023		<0.0002		<0.0002	
2/29/2024	<0.0002				<0.0002
3/1/2024		<0.0002	<0.0002		
3/4/2024				<0.0002	

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/24/2024 1:09 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
5/10/2010			<0.0002	<0.0002	<0.0002
5/11/2010	<0.0002	<0.0002			
6/16/2010					<0.0002
6/18/2010	<0.0002	<0.0002	<0.0002		
6/19/2010				<0.0002	
7/27/2010	<0.0002	<0.0002			<0.0002
7/28/2010			<0.0002	<0.0002	
9/8/2010				0.00011 (J)	<0.0002
9/9/2010	<0.0002	0.00017	<0.0002		
4/29/2011	<0.0002				<0.0002
4/30/2011		<0.0002	<0.0002	<0.0002	
10/27/2011				<0.0002	<0.0002
10/28/2011	<0.0002				
10/29/2011		<0.0002	7E-05 (J)		
5/3/2012					<0.0002
5/4/2012	<0.0002	<0.0002	<0.0002	<0.0002	
11/10/2012	<0.0002	<0.0002	<0.0002		
11/11/2012				<0.0002	<0.0002
5/9/2013	0.00016	0.00014	<0.0002		<0.0002
5/10/2013				0.00014	
11/6/2013	<0.0002				8.8E-05
11/7/2013		0.00011	0.00016	0.00019	
5/21/2014		<0.0002	<0.0002	<0.0002	<0.0002
5/22/2014	<0.0002				
11/9/2014	<0.0002	<0.0002			
11/12/2014			<0.0002		<0.0002
11/13/2014				<0.0002	
5/23/2015				<0.0002	<0.0002
5/24/2015	<0.0002	<0.0002	<0.0002		
11/11/2015	<0.0002	<0.0002	<0.0002	<0.0002	
11/12/2015					<0.0002
4/12/2016		<0.0002			
4/13/2016			<0.0002 (D)		<0.0002 (D)
4/19/2016	<0.0002			<0.0002	
6/20/2016		<0.0002	<0.0002		
6/22/2016	<0.0002				<0.0002
8/12/2016		<0.0002			
8/15/2016			<0.0002		<0.0002
8/16/2016	<0.0002				
10/6/2016	<0.0002	<0.0002	<0.0002		<0.0002
10/10/2016				0.000155 (D)	
11/30/2016		<0.0002			
12/1/2016	<0.0002		<0.0002	<0.0002	<0.0002
2/8/2017					<0.0002
2/9/2017	<0.0002	<0.0002	<0.0002	<0.0002	
4/6/2017	<0.0002	<0.0002			<0.0002
4/7/2017			<0.0002	<0.0002	
6/21/2017	<0.0002	<0.0002		<0.0002	<0.0002
6/22/2017			<0.0002		
8/15/2017				<0.0002	
9/1/2017				<0.0002	
10/5/2017	<0.0002				<0.0002

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/24/2024 1:09 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
10/6/2017		<0.0002	<0.0002		
10/9/2017				8.9E-05 (J)	
3/21/2018		<0.0002 (X)			<0.0002
3/22/2018	<0.0002 (X)		<0.0002 (X)	<0.0002 (X)	
10/2/2018					<0.0002 (X)
10/3/2018	<0.0002 (X)	<0.0002 (X)			
10/4/2018			<0.0002 (X)	<0.0002	
3/26/2019		<0.0002			
3/27/2019	<0.0002		<0.0002	<0.0002	<0.0002
9/11/2019	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
3/18/2020	<0.0002	<0.0002		<0.0002	<0.0002
3/19/2020			0.00011 (J)		
9/9/2020	<0.0002			<0.0002	<0.0002
9/10/2020		<0.0002	<0.0002		
4/1/2021	<0.0002		<0.0002		<0.0002
6/1/2021				<0.0002	
6/2/2021		<0.0002			
8/11/2021		<0.0002	<0.0002		
8/12/2021	<0.0002			<0.0002	<0.0002
2/15/2022	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
8/25/2022	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
2/27/2023		<0.0002	<0.0002	<0.0002	<0.0002
2/28/2023	<0.0002				
8/8/2023	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
2/29/2024	<0.0002	<0.0002	<0.0002	<0.0002	
3/1/2024					<0.0002

Time Series

Constituent: Nickel (mg/L) Analysis Run 6/24/2024 1:09 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
5/8/2010			<0.001		
5/9/2010	<0.001	<0.001			
5/10/2010					<0.0018
5/11/2010				<0.0018	
6/16/2010		<0.001	<0.001		<0.0018
6/17/2010				<0.0018	
6/18/2010	<0.001				
7/26/2010			<0.001		
7/27/2010		<0.001		<0.0018	
7/28/2010	<0.001				<0.0018
9/7/2010		<0.001	<0.001		
9/8/2010					<0.0018
9/9/2010	<0.001			<0.0018	
4/28/2011				0.0086 (O)	
4/29/2011		<0.001	<0.001		<0.0018
4/30/2011	<0.001				
10/27/2011					<0.0018
10/28/2011	<0.001	<0.001	<0.001		
10/29/2011				<0.0018	
5/2/2012	<0.001	<0.001	<0.001		
5/3/2012				<0.0018	
5/4/2012					<0.0018
11/9/2012	<0.001	<0.001	<0.001	<0.0018	
11/11/2012					<0.0018
5/8/2013	<0.001	<0.001	<0.001		
5/9/2013				<0.0018	<0.0018
11/5/2013	<0.001			<0.0018	<0.0018
11/6/2013		<0.001	<0.001		
5/20/2014	<0.001	<0.001	<0.001		
5/21/2014					<0.0018
5/23/2014				<0.0018	
11/8/2014		<0.001	<0.001		
11/12/2014	<0.001				<0.0018
11/13/2014				<0.0018	
5/22/2015	<0.001	<0.001	<0.001		
5/23/2015				<0.0018	<0.0018
11/9/2015		<0.001	<0.001		
11/11/2015	<0.001			<0.0018	
11/12/2015					<0.0018
4/6/2016	0.00202 (J)	<0.001	<0.001		
4/12/2016				<0.0018	
4/13/2016					0.00271
10/4/2016	<0.001	<0.001		<0.0018	
10/5/2016			<0.001		<0.0018
4/4/2017	<0.001	<0.001	<0.001		
4/5/2017				<0.0018	
4/6/2017					<0.0018
10/4/2017	<0.001			<0.0018	
10/5/2017		<0.001	<0.001		<0.0018
3/20/2018	<0.001 (D)	0.04 (O)	<0.001	<0.0018	
3/21/2018					<0.0018
10/2/2018	<0.001	<0.001	<0.001	<0.0018	0.0018 (J)

Time Series

Constituent: Nickel (mg/L) Analysis Run 6/24/2024 1:09 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
3/26/2019	<0.001	<0.001	<0.001	<0.0018	
3/27/2019					<0.0018
9/10/2019	0.00081 (J)	0.00037 (J)	0.0012	0.00065 (J)	
9/11/2019					0.0016
3/18/2020	0.00043 (J)	<0.001	<0.001	0.00056 (J)	0.0016
9/9/2020	0.00069 (J)	<0.001	0.00048 (J)	0.00047 (J)	0.0021
4/1/2021	0.00049 (J)	<0.001	0.0004 (J)	0.00073 (J)	0.0012
8/11/2021	0.00051 (J)	<0.001	<0.001		
8/18/2021				0.0017	
10/18/2021					0.002
2/15/2022	0.00065 (J)	<0.001	<0.001	0.00052 (J)	0.0022
8/24/2022			0.00082 (J)	0.00086 (J)	
8/25/2022	0.001	<0.001			0.003
12/28/2022					0.0017 (R)
2/21/2023					0.0031
2/27/2023				0.0013	
2/28/2023	0.00057 (J)	<0.001	<0.001		
8/3/2023	0.00099 (J)	<0.001	<0.001		
8/9/2023				0.0071	0.0026
10/4/2023				0.00085 (JR)	
2/28/2024		<0.001	<0.001		
3/1/2024				0.00096 (J)	0.0048
3/4/2024	<0.001				
5/20/2024					0.0016 (R)

Time Series

Constituent: Nickel (mg/L) Analysis Run 6/24/2024 1:09 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
5/9/2010		<0.0018	<0.001	<0.001	
5/10/2010	<0.0018				<0.001
6/16/2010	<0.0018				<0.001
6/18/2010		<0.0018	<0.001	<0.001	
7/26/2010					<0.001
7/27/2010	<0.0018	<0.0018			
7/28/2010				<0.001	
7/29/2010			<0.001		
9/7/2010					<0.001
9/8/2010	<0.0018	<0.0018			
9/9/2010			<0.001	<0.001	
4/26/2011			<0.001		
4/29/2011	<0.0018	<0.0018			<0.001
4/30/2011				<0.001	
10/27/2011	<0.0018				
10/28/2011		<0.0018	<0.001	<0.001	<0.001
5/2/2012					<0.001
5/3/2012		<0.0018		<0.001	
5/4/2012	<0.0018		<0.001		
11/9/2012					<0.001
11/10/2012	<0.0018	<0.0018		<0.001	
11/11/2012			<0.001		
5/8/2013			<0.001	<0.001	<0.001
5/9/2013	<0.0018	<0.0018			
11/5/2013				<0.001	
11/6/2013	<0.0018	<0.0018			<0.001
11/7/2013			<0.001		
5/20/2014	<0.0018	<0.0018	<0.001	<0.001	
5/23/2014					<0.001
11/8/2014					<0.001
11/12/2014	<0.0018	<0.0018	<0.001	<0.001	
5/22/2015					0.0045 (O)
5/23/2015		<0.0018			
5/24/2015	<0.0018		<0.001	<0.001	
11/10/2015					<0.001
11/11/2015				<0.001	
11/12/2015	<0.0018	<0.0018	<0.001		
4/11/2016					<0.001
4/13/2016	<0.0018 (D)	<0.0018 (D)	<0.001 (D)	<0.001 (D)	
10/4/2016				<0.001	
10/5/2016	<0.0018	<0.0018			<0.001
10/7/2016			<0.001		
4/5/2017		<0.0018			
4/6/2017	<0.0018		<0.001	<0.001	<0.001
10/5/2017	<0.0018	<0.0018		<0.001	<0.001
10/6/2017			<0.001		
3/20/2018				<0.001	<0.001
3/21/2018	<0.0018	<0.0018 (D)			
3/22/2018			<0.001		
10/2/2018	<0.0018	<0.0018		<0.001	<0.001
10/3/2018			<0.001		
3/26/2019		<0.0018	<0.001	<0.001	<0.001

Time Series

Constituent: Nickel (mg/L) Analysis Run 6/24/2024 1:09 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
3/27/2019	<0.0018				
9/11/2019	0.00066 (J)	0.00084 (J)	0.00039 (J)	<0.001	0.00048 (J)
3/18/2020	0.0005 (J)	0.0006 (J)	0.00061 (J)	<0.001	0.00034 (J)
9/9/2020				<0.001	0.00064 (J)
9/10/2020	0.0012	0.00088 (J)	0.00044 (J)		
4/1/2021	0.00065 (J)	0.00065 (J)		<0.001	<0.001
4/6/2021			0.00053 (J)		
8/11/2021	0.0006 (J)	0.0008 (J)	<0.001	<0.001	<0.001
2/16/2022	0.0007 (J)	0.00076 (J)	<0.001	<0.001	<0.001
8/25/2022	0.00081 (J)				<0.001
8/26/2022		0.00096 (J)	<0.001	<0.001	
2/27/2023	0.00085 (J)	0.0011	<0.001	<0.001	
2/28/2023					<0.001
8/9/2023	0.00068 (J)	0.00094 (J)	0.00043 (J)	<0.001	<0.001
2/29/2024	0.00099 (J)	0.00092 (J)			<0.001
3/1/2024			0.00059 (J)	0.0081	
5/7/2024				<0.001 (R)	

Time Series

Constituent: Nickel (mg/L) Analysis Run 6/24/2024 1:09 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
5/11/2010	<0.001	0.0033 (O)	<0.001	<0.0018	<0.0018
6/16/2010	<0.001				
6/17/2010			<0.001	<0.0018	<0.0018
6/19/2010		<0.0018			
7/27/2010	<0.001	<0.0018	<0.001		
7/28/2010				0.019 (O)	<0.0018
9/7/2010	<0.001		<0.001	0.0093 (O)	
9/8/2010					<0.0018
9/9/2010		<0.0018			
4/28/2011		<0.0018			<0.0018
4/29/2011	<0.001		<0.001	<0.0018	
10/28/2011	<0.001	<0.0018	0.003 (J)	<0.0018	
10/29/2011					<0.0018
5/2/2012	<0.001				
5/3/2012		<0.0018	<0.001	<0.0018	<0.0018
11/9/2012	<0.001	<0.0018		0.0035 (J)	
11/10/2012			<0.001		<0.0018
5/9/2013	<0.001	<0.0018	<0.001		
5/10/2013				0.0081 (O)	<0.0018
11/5/2013		<0.0018			
11/6/2013	<0.001		<0.001	<0.0018	<0.0018
5/22/2014	<0.001	<0.0018	<0.001	<0.0018	<0.0018
11/8/2014	<0.001				
11/9/2014			<0.001	<0.0018	<0.0018
11/13/2014		<0.0018			
5/22/2015				<0.0018	<0.0018
5/23/2015	0.01 (O)				
5/24/2015		<0.0018	0.0063 (O)		
11/10/2015	<0.001		<0.001	<0.0018	
11/11/2015		<0.0018			<0.0018
4/11/2016	<0.001				
4/12/2016		0.00206 (J)	<0.001	<0.0018 (D)	<0.0018
10/4/2016		0.0023 (J)			
10/5/2016	<0.001		<0.001	<0.0018	
10/6/2016					0.0021 (J)
4/5/2017	<0.001				
4/6/2017		<0.0018	0.002 (J)	<0.0018	<0.0018
10/4/2017		0.0021 (J)			
10/5/2017	<0.001		<0.001	<0.0018	
10/6/2017					<0.0018
3/20/2018	<0.001	<0.0018			
3/21/2018			<0.001	0.0022 (J)	<0.0018
10/2/2018	<0.001	<0.0018			
10/3/2018			<0.001	0.0018 (J)	<0.0018
3/26/2019	<0.001	<0.0018	<0.001	<0.0018	0.0036
9/10/2019		0.0022		0.0016	0.00079 (J)
9/12/2019	0.0015		0.00097 (J)		
3/18/2020		0.0016		0.00091 (J)	
3/19/2020	0.00047 (J)		0.00098 (J)		0.00073 (J)
9/9/2020	0.00039 (J)	0.0016			
9/10/2020			0.00098 (J)	0.0014	0.0013
4/1/2021		0.0022			

Time Series

Constituent: Nickel (mg/L) Analysis Run 6/24/2024 1:09 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
4/2/2021					0.0012
4/5/2021	0.00047 (J)		0.00048 (J)		
4/6/2021				0.0018	
8/11/2021	<0.001		0.00056 (J)		
8/12/2021		0.0028		0.0029	0.00076 (J)
2/15/2022		0.0018		0.0013	0.00076 (J)
2/16/2022	<0.001		0.00055 (J)		
8/25/2022	0.0017		0.00074 (J)	0.0024	0.0015
8/26/2022		0.002			
2/27/2023		0.0038			0.0012
2/28/2023	0.0016		<0.001	0.0011	
8/8/2023	0.00051 (J)		0.00067 (J)		0.001
8/9/2023		0.0017		0.00078 (J)	
2/29/2024	0.00067 (J)				0.0015
3/1/2024		0.0018	0.00059 (J)		
3/4/2024				0.0014	

Time Series

Constituent: Nickel (mg/L) Analysis Run 6/24/2024 1:09 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
5/10/2010			<0.001	<0.0018	<0.001
5/11/2010	<0.001	0.0034			
6/16/2010					<0.001
6/18/2010	<0.001	0.0046	<0.001		
6/19/2010				<0.0018	
7/27/2010	<0.001	<0.0018			<0.001
7/28/2010			<0.001	<0.0018	
9/8/2010				<0.0018	<0.001
9/9/2010	<0.001	<0.0018	<0.001		
4/29/2011	<0.001				<0.001
4/30/2011		<0.0018	<0.001	0.008 (O)	
10/27/2011				0.0044 (J)	<0.001
10/28/2011	<0.001				
10/29/2011		<0.0018	<0.001		
5/3/2012					<0.001
5/4/2012	<0.001	<0.0018	<0.001	0.0032 (J)	
11/10/2012	<0.001	0.0053	<0.001		
11/11/2012				0.0069	<0.001
5/9/2013	<0.001	<0.0018	<0.001		<0.001
5/10/2013				0.0093 (O)	
11/6/2013	<0.001				<0.001
11/7/2013		<0.0018	<0.001	0.0033 (J)	
5/21/2014		<0.0018	<0.001	<0.0018	<0.001
5/22/2014	<0.001				
11/9/2014	<0.001	<0.0018			
11/12/2014			<0.001		<0.001
11/13/2014				0.0049 (J)	
5/23/2015				0.003 (J)	<0.001
5/24/2015	0.006 (O)	0.0047	0.0044		
11/11/2015	<0.001	<0.0018	<0.001	<0.0018	
11/12/2015					<0.001
4/12/2016		<0.0018			
4/13/2016			<0.001 (D)		<0.001 (D)
4/19/2016	0.00268 (J)			0.00247 (J)	
10/6/2016	<0.001	<0.0018	<0.001		<0.001
10/10/2016				<0.0018	
4/6/2017	0.0018 (J)	<0.0018			<0.001
4/7/2017			<0.001	0.0022 (J)	
10/5/2017	<0.001				<0.001
10/6/2017		<0.0018	<0.001		
10/9/2017				<0.0018	
3/21/2018		<0.0018			<0.001
3/22/2018	0.0019 (J)		<0.001	<0.0018	
10/2/2018					<0.001
10/3/2018	<0.001	<0.0018			
10/4/2018			<0.001	<0.0018	
3/26/2019		<0.0018			
3/27/2019	<0.001		<0.001	<0.0018	<0.001
9/11/2019	0.0007 (J)	0.00099 (J)	0.00046 (J)	0.0013	0.00063 (J)
3/18/2020	0.00068 (J)	0.00062 (J)		0.0044	<0.001
3/19/2020			<0.001		
9/9/2020	0.00039 (J)			0.0036	0.00046 (J)

Time Series

Constituent: Nickel (mg/L) Analysis Run 6/24/2024 1:09 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
9/10/2020		0.0009 (J)	0.0007 (J)		
4/1/2021	0.00042 (J)		0.00036 (J)		0.00058 (J)
4/5/2021		0.00088 (J)		0.0058	
8/11/2021		0.00074 (J)	<0.001		
8/12/2021	0.00061 (J)			0.0035	0.00045 (J)
2/15/2022	0.001	0.00089 (J)	<0.001	0.0055	<0.001
8/25/2022	0.00071 (J)	0.0013	0.0015	0.0053	0.0042
12/28/2022					0.00068 (J,R)
2/27/2023		0.0008 (J)	0.01	0.007	0.00091 (J)
2/28/2023	<0.001				
5/2/2023			<0.001	0.0062	
8/8/2023	<0.001	0.00075 (J)	<0.001	0.0087	0.00066 (J)
10/4/2023				0.0052 (R)	
2/29/2024	0.00049 (J)	0.00098 (J)	<0.001	0.0055	
3/1/2024					0.00086 (J)

Time Series

Constituent: pH (S.U.) Analysis Run 6/24/2024 1:09 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
5/20/2014	5.27	6.18	5.68		
5/21/2014					6.3
5/23/2014				6.46	
11/8/2014		6.52	6.04		
11/12/2014	5.7				6.49
11/13/2014				6.67	
5/22/2015	5.52	6.3	5.87		
5/23/2015				6.53	6.3
11/9/2015			5.97		
11/11/2015	5.63	6.36		6.71	
11/12/2015					6.45
4/6/2016	5.5 (D)	6.46 (D)	5.937 (D)		
4/12/2016				6.53 (D)	
4/13/2016					6.42 (D)
6/15/2016	5.52	6.39	5.96		
6/16/2016				6.49	
6/21/2016					6.36
8/10/2016	5.5	6.39	5.94		
8/11/2016				6.5	
8/15/2016					6.3
10/4/2016	5.56	6.4		6.5	
10/5/2016			5.86		6.25
11/29/2016		6.36	5.82		
11/30/2016	5.46			6.48	
12/1/2016					6.32
2/7/2017	5.28	6.45	6.15	6.38	
2/8/2017					6.04
4/1/2017	5.48				
4/4/2017	5.48	6.37	6		
4/5/2017				6.36	
4/6/2017					6.35
6/20/2017	5.44	6.4	6.34	6.45	
6/21/2017					6.2
10/4/2017	5.44			6.5	
10/5/2017		6.42	5.93		6.21
3/20/2018	5.48	6.36	5.97	6.63	
3/21/2018					6.56
10/2/2018	5.49	6.38	6.03	6.57	6.35
3/26/2019	5.41	6.42	6.12	6.54	
3/27/2019					6.53
3/18/2020	5.42	6.29	6.03	6.53	6.34
9/9/2020	5.71	6.33	6.05	6.57	6.4
4/1/2021	5.31	6.44	6.14	6.52	6.35
8/11/2021	5.5	6.35	6.14		
10/18/2021				6.36	6.25
2/15/2022	5.4	6.46	6.2	6.83	6.48
5/12/2022				6.55 (R)	6.31 (R)
8/24/2022			6.22	6.42	
8/25/2022	5.4	6.42			6.2
12/28/2022					6.36 (R)
2/21/2023					6.33
2/27/2023				6.56	

Time Series

Constituent: pH (S.U.) Analysis Run 6/24/2024 1:09 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
2/28/2023	5.4	6.45	6.19		
5/2/2023					6.3
8/3/2023	5.48	6.24	6.22		
8/9/2023				6.57	6.3
2/28/2024		6.49	6.41		
3/1/2024				6.71	6.47
3/4/2024	5.24				
5/20/2024					6.28 (R)

Time Series

Constituent: pH (S.U.) Analysis Run 6/24/2024 1:09 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
5/20/2014	6.14	4.86	5.6	5.38	
5/23/2014					6.19
11/8/2014					6.42
11/12/2014	6.33	5.3	6.02	5.77	
5/22/2015					6.26
5/23/2015		5.04			
5/24/2015	6.04		5.81	5.53	
11/10/2015					6.29
11/11/2015				5.68	
11/12/2015	6.31	5.31	5.93		
4/11/2016					6.3 (D)
4/13/2016	6.17 (D)	5.22 (D)	5.88 (D)	5.58 (D)	
6/16/2016					6.34
6/21/2016	6.19	5.2	5.9	5.59	
8/11/2016					6.28
8/15/2016	6.15	5.12	5.86	5.56	
10/4/2016			5.85	5.66	
10/5/2016	6.1	5.07			6.27
10/7/2016		5.07	5.85		
11/29/2016					6.39
12/1/2016	6.15	5.08	5.85	5.54	
2/7/2017				5.42	
2/8/2017	5.9	4.76			6.35
2/9/2017			5.92		
4/5/2017		5.1			
4/6/2017	6.13		5.85	5.55	6.26
6/20/2017	6.12	5.13		5.57	
6/21/2017					6.24
6/22/2017			5.9		
10/5/2017	6.11	5.1		5.55	6.31
10/6/2017			5.88		
3/20/2018				5.73	6.34
3/21/2018	6.21	5.33			
3/22/2018			5.88		
10/2/2018	6.21	5.16		5.68	6.38
10/3/2018			5.95		
3/26/2019		5.25	5.89	5.63	6.38
3/27/2019	6.22				
3/18/2020	6.17	5.19	5.81	5.61	6.32
9/9/2020				5.88	6.3
9/10/2020	6.16	5.1	5.83		
4/1/2021	6.11	5.18		5.53	6.37
4/6/2021			5.95		
8/11/2021	6.21	5.2	5.92	5.61	6.43
2/16/2022	6.16	5.11	5.79	5.6	6.54
5/12/2022					6.39 (R)
8/25/2022	6.01				6.45
8/26/2022		5.07	5.91	5.51	
2/27/2023	6.19	5.2	5.94	5.62	
2/28/2023					6.36
8/9/2023	6.24	5.1	5.95	5.57	6.41
2/29/2024	6.26	5.24			6.51

Time Series

Constituent: pH (S.U.) Analysis Run 6/24/2024 1:09 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
3/1/2024			5.9	5.55	
5/7/2024				5.55 (R)	

Time Series

Constituent: pH (S.U.) Analysis Run 6/24/2024 1:09 PM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
5/22/2014	6.37	6.74	6.33	5.82	6.17
11/8/2014	6.51				
11/9/2014			6.66	6.1	6.45
11/13/2014		6.94			
5/22/2015	6.35		6.49	5.92	6.26
5/24/2015		7			
11/10/2015	6.41		6.53		
11/11/2015		6.55			6.3
11/16/2015				6.02	
4/11/2016	6.36 (D)				
4/12/2016		6.52	6.53 (D)	5.97 (D)	6.44 (D)
6/16/2016	6.35	6.38	6.51		
6/20/2016				5.93	6.33
8/11/2016	6.37	6.38	6.49		
8/12/2016				5.86	
8/16/2016				5.86	6.3
10/4/2016		6.39			
10/5/2016	5.78 (O)		6.46	5.1 (O)	
10/6/2016					6.21
11/29/2016	6.44				
11/30/2016		6.38	6.5	5.88	6.26
2/7/2017		6.43			
2/8/2017	6.4		6.59	5.89	6.35
4/5/2017	6.35				
4/6/2017		6.23	6.47	5.84	6.29
6/20/2017		6.36			
6/21/2017	6.36		6.53	5.91	
6/22/2017					6.31
10/4/2017		6.35			
10/5/2017	6.41		6.51	5.93	
10/6/2017					5.9
3/20/2018	6.37	6.52			
3/21/2018			6.5	5.96	6.23
10/2/2018	6.41	6.51			
10/3/2018			6.48	5.97	6.25
3/26/2019	6.35	6.44	6.52	6.02	6.34
3/18/2020		6.41		5.9	
3/19/2020	6.27		6.47		6.32
9/9/2020	6.27	6.44			
9/10/2020			6.49	6.24	6.46
4/1/2021		7.32 (o)			
4/2/2021					6.35
4/5/2021	6.37		6.64		
4/6/2021				6.01	
6/1/2021	6.18		6.39		
8/11/2021	6.35		6.58		
8/12/2021		6.41		6.12	6.3
2/15/2022		6.61		5.87	6.37
2/16/2022	6.47		6.71		
5/12/2022			6.52 (R)		6.19 (R)
8/25/2022	6.36		6.62	5.99	6.19
8/26/2022		6.37			

Time Series

Constituent: pH (S.U.) Analysis Run 6/24/2024 1:09 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
12/28/2022	6.29 (R)		6.56 (R)		6.2 (R)
2/27/2023		6.41			6.17
2/28/2023	6.29		6.53	6	
5/2/2023				6.27	6.13
8/8/2023	6.32		6.59		6.3
8/9/2023		6.6		6.07	
2/29/2024	6.33				6.31
3/1/2024		6.5	6.73		
3/4/2024				6.11	
5/7/2024			6.5 (R)		
5/20/2024				5.9 (R)	6.08 (R)

Time Series

Constituent: pH (S.U.) Analysis Run 6/24/2024 1:09 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
5/21/2014		6.09	6.25	7.11	6.31
5/22/2014	5.89				
11/9/2014	6.14	6.36			
11/12/2014					6.81
11/13/2014				6.55	
5/23/2015				6.36	6.42
5/24/2015	5.7	6.17	6.32		
11/11/2015	5.78	6.19	6.35	6.36	
11/12/2015					6.7
4/12/2016		6.22			
4/13/2016			6.42		6.59
4/19/2016	5.55			6.4	
6/20/2016		6.2	6.4		
6/22/2016	5.6				6.49
6/23/2016				6.35	
8/12/2016		6.17			
8/15/2016			6.31		6.61
8/16/2016	5.7				
8/23/2016				6.29	
10/6/2016	5.64	6.14	6.27		6.55
10/10/2016				6.3	
11/30/2016		6.14			
12/1/2016	5.62		6.28	6.37	6.59
2/8/2017					6.63
2/9/2017	5.64	6.18	6.32	6.39	
2/27/2017				6.24	
4/6/2017	5.66	6.17			6.58
4/7/2017			6.28	6.93	
6/21/2017	5.68	6.17		7.11 (D)	6.56
6/22/2017			6.29		
8/15/2017				6.95	
9/1/2017				6.86	
10/5/2017	5.64				6.58
10/6/2017		6.19	5.96		
10/9/2017				6.75	
3/21/2018		6.21			6.76
3/22/2018	5.9		6.34	7.05	
10/2/2018					6.65
10/3/2018	5.74	6.22			
10/4/2018			6.36	7.26	
3/26/2019		6.25			
3/27/2019	5.78		6.38	6.69	6.7
3/18/2020	5.81	6.19		6.42	6.61
3/19/2020			6.41		
9/9/2020	6.08			6.3	6.8
9/10/2020		6.43	6.32		
4/1/2021	6.01		6.4		6.28
4/5/2021		6.36		6.35	
6/1/2021				6.28	
6/2/2021		6.09			
8/11/2021		6.14	6.26		
8/12/2021	5.87			6.37	6.66

Time Series

Constituent: pH (S.U.) Analysis Run 6/24/2024 1:09 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
2/15/2022	6.16	6.1	6.22	6.34	6.61
5/12/2022	5.99 (R)				
8/25/2022	5.96	6.13	6.31	6.29	6.48
12/28/2022					6.62 (R)
2/27/2023		6.16	6.35	6.27	6.57
2/28/2023	6				
5/2/2023			6.38	6.23	
8/8/2023	6.16	6.37	6.48	6.38	6.63
2/29/2024	6.25	6.37	6.57	6.52	
3/1/2024					6.82
5/7/2024			6.3 (R)		
5/20/2024		6.16 (R)			

Time Series

Constituent: Selenium, T Total (mg/L) Analysis Run 6/24/2024 1:09 PM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
5/8/2010			<0.005		
5/9/2010	<0.005	<0.005			
5/10/2010					<0.005
5/11/2010				<0.005	
6/16/2010		<0.005	<0.005		<0.005
6/17/2010				<0.005	
6/18/2010	<0.005				
7/26/2010			<0.005		
7/27/2010		<0.005		<0.005	
7/28/2010	<0.005				<0.005
9/7/2010		<0.005	<0.005		
9/8/2010					<0.005
9/9/2010	<0.005			<0.005	
4/28/2011				<0.005	
4/29/2011		<0.005	<0.005		<0.005
4/30/2011	<0.005				
10/27/2011					<0.005
10/28/2011	<0.005	<0.005	<0.005		
10/29/2011				<0.005	
5/2/2012	<0.005	<0.005	<0.005		
5/3/2012				<0.005	
5/4/2012					<0.005
11/9/2012	<0.005	<0.005	<0.005	<0.005	
11/11/2012					<0.005
5/8/2013	<0.005	<0.005	0.0044		
5/9/2013				<0.005	<0.005
11/5/2013	<0.005			<0.005	<0.005
11/6/2013		<0.005	<0.005		
5/20/2014	<0.005	<0.005	<0.005		
5/21/2014					<0.005
5/23/2014				<0.005	
11/8/2014		<0.005	<0.005		
11/12/2014	<0.005				<0.005
11/13/2014				<0.005	
5/22/2015	<0.005	<0.005	<0.005		
5/23/2015				0.0053	0.0043
11/9/2015		0.0043	<0.005		
11/11/2015	<0.005			<0.005	
11/12/2015					0.0046
4/6/2016	<0.005	<0.005	<0.005		
4/12/2016				<0.005	
4/13/2016					<0.005 (D)
6/15/2016	<0.005	<0.005	<0.005		
6/16/2016				<0.005	
6/21/2016					<0.005
8/10/2016	<0.005	<0.005	<0.005		
8/11/2016				<0.005	
8/15/2016					<0.005
10/4/2016	<0.005	<0.005		0.00037 (J)	
10/5/2016			<0.005		<0.005
11/29/2016		0.00024 (J)	<0.005		
11/30/2016	<0.005			<0.005	

Time Series

Constituent: Selenium, T Total (mg/L) Analysis Run 6/24/2024 1:09 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
12/1/2016					<0.005
2/7/2017	<0.005	<0.005	<0.005	<0.005	
2/8/2017					<0.005
4/4/2017	0.00067 (J)	0.0017	<0.005		
4/5/2017				<0.005	
4/6/2017					<0.005
6/20/2017	<0.005	<0.005	<0.005	<0.005	
6/21/2017					<0.005
10/4/2017	<0.005			<0.005	
10/5/2017		<0.005	0.00027 (J)		<0.005
3/20/2018	<0.005 (XD)	<0.005	<0.005	<0.005 (X)	
3/21/2018					<0.005
10/2/2018	<0.005	<0.005	<0.005	<0.005	<0.005
3/26/2019	<0.005	<0.005	<0.005	<0.005	
3/27/2019					<0.005
9/10/2019	<0.005	<0.005	<0.005	<0.005	
9/11/2019					<0.005
3/18/2020	<0.005	<0.005	<0.005	<0.005	<0.005
9/9/2020	<0.005	<0.005	<0.005	<0.005	<0.005
4/1/2021	<0.005	<0.005	<0.005	<0.005	<0.005
8/11/2021	<0.005	<0.005	<0.005		
8/17/2021					<0.005
8/18/2021				<0.005	
2/15/2022	<0.005	<0.005	<0.005	<0.005	<0.005
8/24/2022			<0.005	<0.005	
8/25/2022	<0.005	<0.005			<0.005
2/21/2023					<0.005
2/27/2023				<0.005	
2/28/2023	<0.005	<0.005	<0.005		
8/3/2023	<0.005	<0.005	<0.005		
8/9/2023				<0.005	<0.005
2/28/2024		<0.005	<0.005		
3/1/2024				<0.005	<0.005
3/4/2024	<0.005				

Time Series

Constituent: Selenium, T Total (mg/L) Analysis Run 6/24/2024 1:09 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
5/9/2010		<0.005	<0.005	<0.005	
5/10/2010	<0.005				<0.005
6/16/2010	<0.005				<0.005
6/18/2010		<0.005	<0.005	<0.005	
7/26/2010					<0.005
7/27/2010	<0.005	<0.005			
7/28/2010				<0.005	
7/29/2010			<0.005		
9/7/2010					<0.005
9/8/2010	<0.005	<0.005			
9/9/2010			<0.005	<0.005	
4/26/2011			<0.005		
4/29/2011	<0.005	<0.005			<0.005
4/30/2011				<0.005	
10/27/2011	<0.005				
10/28/2011		0.004	<0.005	<0.005	<0.005
5/2/2012					<0.005
5/3/2012		<0.005		<0.005	
5/4/2012	<0.005		<0.005		
11/9/2012					<0.005
11/10/2012	<0.005	<0.005		<0.005	
11/11/2012			<0.005		
5/8/2013			<0.005	<0.005	<0.005
5/9/2013	<0.005	<0.005			
11/5/2013				<0.005	
11/6/2013	<0.005	<0.005			<0.005
11/7/2013			<0.005		
5/20/2014	<0.005	<0.005	<0.005	<0.005	
5/23/2014					<0.005
11/8/2014					<0.005
11/12/2014	<0.005	<0.005	<0.005	<0.005	
5/22/2015					<0.005
5/23/2015		<0.005			
5/24/2015	0.005		<0.005	<0.005	
11/10/2015					0.0041
11/11/2015				0.0052	
11/12/2015	0.0042	<0.005	<0.005		
4/11/2016					<0.005
4/13/2016	<0.005 (D)	<0.005 (D)	<0.005 (D)	<0.005 (D)	
6/16/2016					<0.005
6/21/2016	<0.005	<0.005	<0.005	<0.005	
8/11/2016					<0.005
8/15/2016	<0.005	<0.005	<0.005	<0.005	
10/4/2016				<0.005	
10/5/2016	<0.005	<0.005			<0.005
10/7/2016			<0.005		
11/29/2016					<0.005
12/1/2016	<0.005	<0.005	<0.005	0.00025 (J)	
2/7/2017				<0.005	
2/8/2017	<0.005	<0.005			<0.005
2/9/2017			<0.005		
4/5/2017		<0.005			

Time Series

Constituent: Selenium, T Total (mg/L) Analysis Run 6/24/2024 1:09 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
4/6/2017	0.00031 (J)		<0.005	<0.005	<0.005
6/20/2017	<0.005	<0.005		<0.005	
6/21/2017					<0.005
6/22/2017			<0.005		
10/5/2017	<0.005	<0.005		<0.005	<0.005
10/6/2017			<0.005		
3/20/2018				<0.005	<0.005
3/21/2018	<0.005	<0.005 (D)			
3/22/2018			<0.005		
10/2/2018	<0.005	<0.005		<0.005	<0.005
10/3/2018			<0.005		
3/26/2019		<0.005	<0.005	<0.005	<0.005
3/27/2019	<0.005				
9/11/2019		<0.005	<0.005	<0.005	<0.005
3/18/2020	<0.005	<0.005	<0.005	<0.005	<0.005
9/9/2020				<0.005	<0.005
9/10/2020	<0.005	<0.005	<0.005		
4/1/2021	<0.005	<0.005		<0.005	<0.005
4/6/2021			<0.005		
8/11/2021	<0.005	<0.005	<0.005	<0.005	<0.005
2/16/2022	<0.005	<0.005	<0.005	<0.005	<0.005
8/25/2022	<0.005				<0.005
8/26/2022		<0.005	<0.005	<0.005	
2/27/2023	<0.005	<0.005	<0.005	<0.005	
2/28/2023					<0.005
8/9/2023	<0.005	<0.005	<0.005	<0.005	<0.005
2/29/2024	<0.005	<0.005			<0.005
3/1/2024			<0.005	<0.005	

Time Series

Constituent: Selenium, T Total (mg/L) Analysis Run 6/24/2024 1:09 PM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
5/11/2010	<0.005	<0.005	<0.005	<0.005	<0.005
6/16/2010	<0.005				
6/17/2010			<0.005	<0.005	<0.005
6/19/2010		<0.005			
7/27/2010	<0.005	<0.005	<0.005		
7/28/2010				<0.005	<0.005
9/7/2010	<0.005		<0.005	<0.005	
9/8/2010					<0.005
9/9/2010		<0.005			
4/28/2011		<0.005			<0.005
4/29/2011	<0.005		<0.005	<0.005	
10/28/2011	<0.005	<0.005	<0.005	<0.005	
10/29/2011					<0.005
5/2/2012	<0.005				
5/3/2012		<0.005	<0.005	<0.005	<0.005
11/9/2012	<0.005	<0.005		<0.005	
11/10/2012			<0.005		<0.005
5/9/2013	<0.005	<0.005	<0.005		
5/10/2013				<0.005	<0.005
11/5/2013		<0.005			
11/6/2013	<0.005		<0.005	<0.005	<0.005
5/22/2014	<0.005	<0.005	<0.005	<0.005	<0.005
11/8/2014	<0.005				
11/9/2014			<0.005	<0.005	<0.005
11/13/2014		<0.005			
5/22/2015				<0.005	<0.005
5/23/2015	<0.005				
5/24/2015		0.0044	<0.005		
11/10/2015	0.0044		<0.005	<0.005	
11/11/2015		0.0045			<0.005
4/11/2016	<0.005				
4/12/2016		<0.005	<0.005	<0.005 (D)	<0.005
6/16/2016	<0.005	<0.005	<0.005		
6/20/2016				<0.005	<0.005
8/11/2016	<0.005	<0.005	<0.005		
8/12/2016				0.00036 (J)	<0.005
10/4/2016		<0.005			
10/5/2016	<0.005		<0.005	<0.005	
10/6/2016					<0.005
11/29/2016	<0.005				
11/30/2016		<0.005	<0.005	<0.005	<0.005
2/7/2017		<0.005			
2/8/2017	<0.005		<0.005	<0.005	<0.005
4/5/2017	<0.005				
4/6/2017		0.0023	<0.005	<0.005	<0.005
6/20/2017		<0.005			
6/21/2017	<0.005		<0.005	<0.005	
6/22/2017					<0.005
10/4/2017		<0.005			
10/5/2017	<0.005		<0.005	<0.005	
10/6/2017					<0.005
3/20/2018	<0.005	<0.005 (X)			

Time Series

Constituent: Selenium, T Total (mg/L) Analysis Run 6/24/2024 1:09 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
3/21/2018			<0.005	<0.005	<0.005 (X)
10/2/2018	<0.005	<0.005			
10/3/2018			<0.005	<0.005	<0.005
3/26/2019	<0.005	<0.005	<0.005	<0.005	<0.005
9/10/2019		<0.005		<0.005	<0.005
9/12/2019	<0.005		<0.005		
3/18/2020		<0.005		<0.005	
3/19/2020	<0.005		<0.005		<0.005
9/9/2020	<0.005	<0.005			
9/10/2020			<0.005	<0.005	<0.005
4/1/2021		<0.005			
4/2/2021					<0.005
4/5/2021	<0.005		<0.005		
4/6/2021				<0.005	
8/11/2021	<0.005		<0.005		
8/12/2021		<0.005		<0.005	<0.005
2/15/2022		<0.005		<0.005	0.0013 (J)
2/16/2022	<0.005		<0.005		
8/25/2022	<0.005		<0.005	<0.005	0.0012 (J)
8/26/2022		<0.005			
2/27/2023		0.00075 (J)			0.0039 (J)
2/28/2023	<0.005		<0.005	<0.005	
8/8/2023	<0.005		<0.005		0.0041 (J)
8/9/2023		<0.005		<0.005	
2/29/2024	<0.005				0.0042 (J)
3/1/2024		<0.005	<0.005		
3/4/2024				<0.005	

Time Series

Constituent: Selenium, T Total (mg/L) Analysis Run 6/24/2024 1:09 PM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
5/10/2010			<0.005	<0.005	<0.005
5/11/2010	<0.01	<0.005			
6/16/2010					<0.005
6/18/2010	<0.01	<0.005	<0.005		
6/19/2010				<0.005	
7/27/2010	<0.01	<0.005			<0.005
7/28/2010			<0.005	<0.005	
9/8/2010				<0.005	<0.005
9/9/2010	<0.01	<0.005	<0.005		
4/29/2011	<0.01				<0.005
4/30/2011		<0.005	<0.005	<0.005	
10/27/2011				<0.005	<0.005
10/28/2011	<0.01				
10/29/2011		<0.005	<0.005		
5/3/2012					<0.005
5/4/2012	<0.01	<0.005	<0.005	<0.005	
11/10/2012	<0.01	<0.005	<0.005		
11/11/2012				<0.005	<0.005
5/9/2013	<0.01	<0.005	<0.005		<0.005
5/10/2013				<0.005	
11/6/2013	<0.01				<0.005
11/7/2013		<0.005	<0.005	<0.005	
5/21/2014		<0.005	<0.005	<0.005	<0.005
5/22/2014	<0.01				
11/9/2014	<0.01	<0.005			
11/12/2014			<0.005		<0.005
11/13/2014				<0.005	
5/23/2015				0.0045	<0.005
5/24/2015	0.013 (J)	<0.005	0.0053		
11/11/2015	0.037	0.007	0.0049	0.0043	
11/12/2015					0.0065
4/12/2016		<0.005			
4/13/2016			<0.005 (D)		<0.005 (D)
4/19/2016	0.0587			<0.005	
6/20/2016		0.00032 (J)	<0.005		
6/22/2016	0.0435				<0.005
8/12/2016		0.00035 (J)			
8/15/2016			<0.005		<0.005
8/16/2016	0.029				
10/6/2016	0.027	0.00029 (J)	<0.005		<0.005
10/10/2016				<0.005	
11/30/2016		0.00026 (J)			
12/1/2016	0.029		<0.005	<0.005	<0.005
2/8/2017					<0.005
2/9/2017	0.031	<0.005	<0.005	<0.005	
4/6/2017	0.043	<0.005			<0.005
4/7/2017			<0.005	<0.005	
6/21/2017	0.052	0.00031 (J)		<0.005	<0.005
6/22/2017			<0.005		
8/15/2017				<0.005	
9/1/2017				0.00044 (J)	
10/5/2017	0.038				<0.005

Time Series

Constituent: Selenium, T Total (mg/L) Analysis Run 6/24/2024 1:09 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
10/6/2017		<0.005	<0.005		
10/9/2017				<0.005	
3/21/2018		<0.005 (X)			<0.005 (X)
3/22/2018	0.038		<0.005	0.00032 (J)	
10/2/2018					<0.005
10/3/2018	0.021	0.00056 (J)			
10/4/2018			<0.005	<0.005	
3/26/2019		<0.005			
3/27/2019	0.023		<0.005	<0.005	<0.005
9/11/2019	0.0079	<0.005	<0.005	<0.005	<0.005
3/18/2020	0.014	<0.005		<0.005	<0.005
3/19/2020			<0.005		
9/9/2020	0.0054			<0.005	<0.005
9/10/2020		<0.005	<0.005		
4/1/2021	0.0065		<0.005		<0.005
4/5/2021		<0.005		<0.005	
8/11/2021		<0.005	<0.005		
8/12/2021	0.0088			<0.005	<0.005
2/15/2022	0.0058	<0.005	<0.005	<0.005	<0.005
8/25/2022	0.0043 (J)	<0.005	<0.005	<0.005	<0.005
2/27/2023		<0.005	<0.005	<0.005	<0.005
2/28/2023	0.0033 (J)				
8/8/2023	0.003 (J)	<0.005	<0.005	<0.005	<0.005
2/29/2024	0.0018 (J)	<0.005	<0.005	<0.005	
3/1/2024					<0.005

Time Series

Constituent: Silver (mg/L) Analysis Run 6/24/2024 1:09 PM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
5/8/2010			<0.001		
5/9/2010	<0.001	<0.001			
5/10/2010					<0.001
5/11/2010				<0.001	
6/16/2010		<0.001	<0.001		<0.001
6/17/2010				<0.001	
6/18/2010	<0.001				
7/26/2010			<0.001		
7/27/2010		<0.001		<0.001	
7/28/2010	<0.001				<0.001
9/7/2010		<0.001	<0.001		
9/8/2010					<0.001
9/9/2010	<0.001			<0.001	
4/28/2011				<0.001	
4/29/2011		<0.001	<0.001		<0.001
4/30/2011	<0.001				
10/27/2011					<0.001
10/28/2011	<0.001	<0.001	<0.001		
10/29/2011				<0.001	
5/2/2012	<0.001	<0.001	<0.001		
5/3/2012				<0.001	
5/4/2012					<0.001
11/9/2012	<0.001	<0.001	<0.001	<0.001	
11/11/2012					<0.001
5/8/2013	<0.001	<0.001	<0.001		
5/9/2013				<0.001	<0.001
11/5/2013	<0.001			<0.001	<0.001
11/6/2013		<0.001	<0.001		
5/20/2014	<0.001	<0.001	<0.001		
5/21/2014					<0.001
5/23/2014				<0.001	
11/8/2014		<0.001	<0.001		
11/12/2014	<0.001				<0.001
11/13/2014				<0.001	
5/22/2015	<0.001	<0.001	<0.001		
5/23/2015				<0.001	<0.001
11/9/2015		<0.001	<0.001		
11/11/2015	<0.001			<0.001	
11/12/2015					<0.001
4/6/2016	<0.001	<0.001	<0.001		
4/12/2016				<0.001	
4/13/2016					<0.001 (D)
10/4/2016	<0.001	<0.001		0.00012 (J)	
10/5/2016			<0.001		<0.001
4/4/2017	<0.001	<0.001	<0.001		
4/5/2017				<0.001	
4/6/2017					<0.001
10/4/2017	<0.001			<0.001	
10/5/2017		<0.001	<0.001		<0.001
3/20/2018	<0.001 (D)	<0.001	<0.001	<0.001	
3/21/2018					<0.001
10/2/2018	<0.001	<0.001	<0.001	<0.001	<0.001

Time Series

Constituent: Silver (mg/L) Analysis Run 6/24/2024 1:09 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
3/26/2019	<0.001	<0.001	<0.001	<0.001	
3/27/2019					<0.001
9/10/2019	<0.001	<0.001	<0.001	<0.001	
9/11/2019					<0.001
3/18/2020	<0.001	<0.001	<0.001	<0.001	<0.001
9/9/2020	<0.001	<0.001	<0.001	<0.001	<0.001
4/1/2021	<0.001	<0.001	<0.001	<0.001	<0.001
8/11/2021	<0.001	<0.001	<0.001		
8/17/2021					<0.001
8/18/2021				<0.001	
2/15/2022	<0.001	<0.001	<0.001	<0.001	<0.001
8/24/2022			<0.001	<0.001	
8/25/2022	<0.001	<0.001			<0.001
2/21/2023					<0.001
2/27/2023				<0.001	
2/28/2023	<0.001	<0.001	<0.001		
8/3/2023	<0.001	<0.001	<0.001		
8/9/2023				<0.001	<0.001
2/28/2024		<0.001	<0.001		
3/1/2024				<0.001	<0.001
3/4/2024	<0.001				

Time Series

Constituent: Silver (mg/L) Analysis Run 6/24/2024 1:09 PM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
5/9/2010		<0.001	<0.001	<0.001	
5/10/2010	<0.001				<0.001
6/16/2010	<0.001				<0.001
6/18/2010		<0.001	<0.001	<0.001	
7/26/2010					<0.001
7/27/2010	<0.001	<0.001			
7/28/2010				<0.001	
7/29/2010			<0.001		
9/7/2010					<0.001
9/8/2010	<0.001	<0.001			
9/9/2010			<0.001	<0.001	
4/26/2011			<0.001		
4/29/2011	<0.001	<0.001			<0.001
4/30/2011				<0.001	
10/27/2011	<0.001				
10/28/2011		<0.001	<0.001	<0.001	<0.001
5/2/2012					<0.001
5/3/2012		<0.001		<0.001	
5/4/2012	<0.001		<0.001		
11/9/2012					<0.001
11/10/2012	<0.001	<0.001		<0.001	
11/11/2012			<0.001		
5/8/2013			<0.001	<0.001	<0.001
5/9/2013	<0.001	<0.001			
11/5/2013				<0.001	
11/6/2013	<0.001	<0.001			<0.001
11/7/2013			<0.001		
5/20/2014	<0.001	<0.001	<0.001	<0.001	
5/23/2014					<0.001
11/8/2014					<0.001
11/12/2014	<0.001	<0.001	<0.001	<0.001	
5/22/2015					<0.001
5/23/2015		<0.001			
5/24/2015	<0.001		<0.001	<0.001	
11/10/2015					<0.001
11/11/2015				<0.001	
11/12/2015	<0.001	<0.001	<0.001		
4/11/2016					<0.001
4/13/2016	<0.001 (D)	<0.001 (D)	<0.001 (D)	<0.001 (D)	
10/4/2016				<0.001	
10/5/2016	<0.001	<0.001			<0.001
10/7/2016			<0.001		
4/5/2017		<0.001			
4/6/2017	<0.001		<0.001	<0.001	<0.001
10/5/2017	<0.001	<0.001		<0.001	<0.001
10/6/2017			0.00031		
3/20/2018				<0.001	<0.001
3/21/2018	<0.001	<0.001 (D)			
3/22/2018			<0.001		
10/2/2018	<0.001	<0.001		<0.001	<0.001
10/3/2018			<0.001		
3/26/2019		<0.001	<0.001	<0.001	<0.001

Time Series

Constituent: Silver (mg/L) Analysis Run 6/24/2024 1:09 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
3/27/2019	<0.001				
9/11/2019	<0.001 (D)	<0.001	<0.001	<0.001	<0.001
3/18/2020	<0.001	<0.001	<0.001	<0.001	<0.001
9/9/2020				<0.001	<0.001
9/10/2020	<0.001	<0.001	<0.001		
4/1/2021	<0.001	<0.001		<0.001	<0.001
4/6/2021			<0.001		
8/11/2021	<0.001	<0.001	<0.001	<0.001	<0.001
2/16/2022	<0.001	<0.001	<0.001	<0.001	<0.001
8/25/2022	<0.001				<0.001
8/26/2022		<0.001	<0.001	<0.001	
2/27/2023	<0.001	<0.001	<0.001	<0.001	
2/28/2023					<0.001
8/9/2023	<0.001	<0.001	<0.001	<0.001	<0.001
2/29/2024	<0.001	<0.001			<0.001
3/1/2024			<0.001	<0.001	

Time Series

Constituent: Silver (mg/L) Analysis Run 6/24/2024 1:09 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
5/11/2010	<0.001	<0.001	<0.001	<0.001	<0.001
6/16/2010	<0.001				
6/17/2010			<0.001	<0.001	<0.001
6/19/2010		<0.001			
7/27/2010	<0.001	<0.001	<0.001		
7/28/2010				<0.001	<0.001
9/7/2010	<0.001		<0.001	<0.001	
9/8/2010					<0.001
9/9/2010		<0.001			
4/28/2011		<0.001			<0.001
4/29/2011	<0.001		<0.001	<0.001	
10/28/2011	<0.001	<0.001	<0.001	<0.001	
10/29/2011					<0.001
5/2/2012	<0.001				
5/3/2012		<0.001	<0.001	<0.001	<0.001
11/9/2012	<0.001	<0.001		<0.001	
11/10/2012			<0.001		<0.001
5/9/2013	<0.001	<0.001	<0.001		
5/10/2013				<0.001	<0.001
11/5/2013		<0.001			
11/6/2013	<0.001		<0.001	<0.001	<0.001
5/22/2014	<0.001	<0.001	<0.001	<0.001	<0.001
11/8/2014	<0.001				
11/9/2014			<0.001	<0.001	<0.001
11/13/2014		<0.001			
5/22/2015				<0.001	<0.001
5/23/2015	<0.001				
5/24/2015		<0.001	<0.001		
11/10/2015	<0.001	<0.001	<0.001	<0.001	
11/11/2015		<0.001			<0.001
4/11/2016	<0.001				
4/12/2016		<0.001	<0.001	<0.001 (D)	<0.001
10/4/2016		<0.001			
10/5/2016	<0.001		<0.001	<0.001	
10/6/2016					<0.001
4/5/2017	<0.001				
4/6/2017		<0.001	<0.001	<0.001	<0.001
10/4/2017		<0.001			
10/5/2017	<0.001		<0.001	<0.001	
10/6/2017					<0.001
3/20/2018	<0.001	<0.001			
3/21/2018			<0.001	<0.001	<0.001
10/2/2018	<0.001	<0.001			
10/3/2018			<0.001	<0.001	<0.001
3/26/2019	<0.001	<0.001	<0.001	<0.001	<0.001
9/10/2019		<0.001		<0.001	<0.001
9/12/2019	<0.001		<0.001		
3/18/2020		<0.001		<0.001	
3/19/2020	<0.001		<0.001		<0.001
9/9/2020	<0.001	<0.001			
9/10/2020			<0.001	<0.001	<0.001
4/1/2021		<0.001			

Time Series

Constituent: Silver (mg/L) Analysis Run 6/24/2024 1:09 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
4/2/2021					<0.001
4/5/2021	<0.001		<0.001		
4/6/2021				<0.001	
8/11/2021	<0.001		<0.001		
8/12/2021		<0.001		<0.001	<0.001
2/15/2022		<0.001		<0.001	<0.001
2/16/2022	<0.001		<0.001		
8/25/2022	<0.001		<0.001	<0.001	<0.001
8/26/2022		<0.001			
2/27/2023		<0.001			<0.001
2/28/2023	<0.001		<0.001	<0.001	
8/8/2023	<0.001		<0.001		<0.001
8/9/2023		<0.001		<0.001	
2/29/2024	<0.001				<0.001
3/1/2024		<0.001	<0.001		
3/4/2024				<0.001	

Time Series

Constituent: Silver (mg/L) Analysis Run 6/24/2024 1:09 PM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
5/10/2010			<0.001	<0.001	<0.001
5/11/2010	<0.001	<0.001			
6/16/2010					<0.001
6/18/2010	<0.001	<0.001	<0.001		
6/19/2010				<0.001	
7/27/2010	<0.001	<0.001			<0.001
7/28/2010			<0.001	<0.001	
9/8/2010				<0.001	<0.001
9/9/2010	<0.001	<0.001	<0.001		
4/29/2011	<0.001				<0.001
4/30/2011		<0.001	<0.001	<0.001	
10/27/2011				<0.001	<0.001
10/28/2011	<0.001				
10/29/2011		<0.001	<0.001		
5/3/2012					<0.001
5/4/2012	<0.001	<0.001	<0.001	<0.001	
11/10/2012	<0.001	<0.001	<0.001		
11/11/2012				<0.001	<0.001
5/9/2013	<0.001	<0.001	<0.001		<0.001
5/10/2013				<0.001	
11/6/2013	<0.001				<0.001
11/7/2013		<0.001	<0.001	<0.001	
5/21/2014		<0.001	<0.001	<0.001	<0.001
5/22/2014	<0.001				
11/9/2014	<0.001	<0.001			
11/12/2014			<0.001		<0.001
11/13/2014				<0.001	
5/23/2015				<0.001	<0.001
5/24/2015	<0.001	<0.001	<0.001		
11/11/2015	<0.001	<0.001	<0.001	<0.001	
11/12/2015					<0.001
4/12/2016		<0.001			
4/13/2016			<0.001 (D)		<0.001 (D)
4/19/2016	<0.001			<0.001	
10/6/2016	<0.001	0.00012 (J)	<0.001		<0.001
10/10/2016				<0.001	
4/6/2017	<0.001	<0.001			<0.001
4/7/2017			<0.001	<0.001	
10/5/2017	<0.001				<0.001
10/6/2017		<0.001	<0.001		
10/9/2017				<0.001	
3/21/2018		<0.001			<0.001
3/22/2018	<0.001		<0.001	<0.001	
10/2/2018					<0.001
10/3/2018	<0.001	<0.001			
10/4/2018			<0.001	<0.001	
3/26/2019		<0.001			
3/27/2019	<0.001		<0.001	<0.001	<0.001
9/11/2019	<0.001	<0.001	<0.001	<0.001	<0.001
3/18/2020	<0.001	<0.001		<0.001	<0.001
3/19/2020			<0.001		
9/9/2020	<0.001			<0.001	<0.001

Time Series

Constituent: Silver (mg/L) Analysis Run 6/24/2024 1:09 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
9/10/2020		<0.001	<0.001		
4/1/2021	<0.001		<0.001		<0.001
4/5/2021		<0.001		<0.001	
8/11/2021		<0.001	<0.001		
8/12/2021	<0.001			<0.001	<0.001
2/15/2022	<0.001	<0.001	<0.001	<0.001	<0.001
8/25/2022	<0.001	<0.001	<0.001	<0.001	<0.001
2/27/2023		<0.001	<0.001	<0.001	<0.001
2/28/2023	<0.001				
8/8/2023	<0.001	<0.001	<0.001	<0.001	<0.001
2/29/2024	<0.001	<0.001	<0.001	<0.001	
3/1/2024					<0.001

Time Series

Constituent: Sulfate (mg/L) Analysis Run 6/24/2024 1:09 PM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
4/6/2016	0.799 (J)	<1	<1		
4/12/2016				0.617 (J)	
4/13/2016					0.51 (JD)
6/15/2016	<0.7	<1	<1		
6/16/2016				<1	
6/21/2016					0.58 (J)
8/10/2016	<0.7	<1	<1		
8/11/2016				<1	
8/15/2016					<1
10/4/2016	<0.7	<1		<1	
10/5/2016			<1		<1
11/29/2016		<1	<1		
11/30/2016	<0.7			<1	
12/1/2016					<1
2/7/2017	0.8 (J)	<1	<1	0.92 (J)	
2/8/2017					1
4/4/2017	<0.7	<1	<1		
4/5/2017				1	
4/6/2017					0.81 (J)
6/20/2017	<0.7	<1	<1	0.76 (J)	
6/21/2017					1.1
10/4/2017	<0.7			<1	
10/5/2017		<1	<1		1.1
3/20/2018	1.2	<1	<1	0.95 (J)	
3/21/2018					1.1
10/2/2018	<0.7	<1	<1	<1	1.2
3/26/2019	2.1	<1	0.58 (J)	0.53 (J)	
3/27/2019					1.6
9/10/2019	0.65 (J)	<1	0.44 (J)	0.69 (J)	
9/11/2019					1.8
3/18/2020	3.1	0.67 (J)	0.51 (J)	0.84 (J)	2.4
9/9/2020	1.6	<1	<1	0.77 (J)	2.6
4/1/2021	2.7	<1	<1	<1	2.7
8/11/2021	1.3	<1	<1		
8/17/2021					1.2
8/18/2021				0.79 (J)	
2/15/2022	2.6	<1	<1	1.5	3.5
5/12/2022					2.7 (R)
8/24/2022			<1	<1	
8/25/2022	1.9	<1			3.7
2/21/2023					4.7
2/27/2023				1.6	
2/28/2023	3.5	1.4	1.3		
5/2/2023					4.3
8/3/2023	1.7	0.4 (J)	<1		
8/9/2023				0.46 (J)	2.3
2/28/2024		<1	<1		
3/1/2024				0.79 (J)	4.7
3/4/2024	2.8				
5/20/2024					3.9 (R)

Time Series

Constituent: Sulfate (mg/L) Analysis Run 6/24/2024 1:09 PM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
4/11/2016					<1
4/13/2016	<1 (D)	<1 (D)	0.646 (JD)	<1 (D)	
6/16/2016					<1
6/21/2016	0.16 (J)	0.2 (J)	0.57 (J)	0.16 (J)	
8/11/2016					<1
8/15/2016	<1	<1	<1	<1	
10/4/2016				<1	
10/5/2016	<1	<1			<1
10/7/2016			<1		
11/29/2016					<1
12/1/2016	<1	<1	<1	<1	
2/7/2017				<1	
2/8/2017	<1	<1			<1
2/9/2017			<1		
4/5/2017		<1			
4/6/2017	<1		<1	<1	<1
6/20/2017	<1	<1		<1	
6/21/2017					<1
6/22/2017			<1		
10/5/2017	<1	<1		<1	<1
10/6/2017			<1		
3/20/2018				<1	<1
3/21/2018	<1	<1 (D)			
3/22/2018			<1		
10/2/2018	<1	<1		<1	<1
10/3/2018			<1		
3/26/2019		0.49 (J)	1.3	0.64 (J)	0.39 (J)
3/27/2019	<1				
9/11/2019	0.63 (J)	0.5 (J)	0.81 (J)	0.5 (J)	0.61 (J)
3/18/2020	<1	1.3	25 (o)	<1	0.62 (J)
9/9/2020				<1	<1
9/10/2020	<1	<1	1.3		
4/1/2021	<1	<1		<1	<1
4/6/2021			0.9 (J)		
8/11/2021	<1	<1	0.89 (J)	<1	<1
2/16/2022	<1	<1	<1	<1	<1
8/25/2022	<1				<1
8/26/2022		0.77 (J)	1.3	0.79 (J)	
2/27/2023	0.88 (J)	1.2	1.6	1.2	
2/28/2023					1.2
8/9/2023	<1	<1	1.3	<1	<1
2/29/2024	<1	<1			1.8
3/1/2024			1.2	<1	

Time Series

Constituent: Sulfate (mg/L) Analysis Run 6/24/2024 1:09 PM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
4/11/2016	<1				
4/12/2016		0.56 (J)	<1	0.419 (JD)	3.56
6/16/2016	<1	<1	<1		
6/20/2016				0.6 (J)	2.4
8/11/2016	<1	<1	<1		
8/16/2016				<1	1.7
10/4/2016		<1			
10/5/2016	<1		<1	<1	
10/6/2016					1.2
11/29/2016	<1				
11/30/2016		<1	<1	1.1	1.2
2/7/2017		<1			
2/8/2017	<1		<1	<1	4.6
4/5/2017	<1				
4/6/2017		<1	<1	<1	4.1
6/20/2017		<1			
6/21/2017	<1		<1	<1	
6/22/2017					3.4
10/4/2017		<1			
10/5/2017	<1		<1	<1	
10/6/2017					3
3/20/2018	<1	<1			
3/21/2018			<1	<1	4.9
10/2/2018	<1	<1			
10/3/2018			<1	<1	2.9
3/26/2019	<1	0.99 (J)	0.45 (J)	0.47 (J)	3.2
9/10/2019		0.63 (J)		0.7 (J)	1.7
9/12/2019	<1		<1		
3/18/2020		0.59 (J)		0.6 (J)	
3/19/2020	0.64 (J)		0.71 (J)		4.6
9/9/2020	1.2	0.59 (J)			
9/10/2020			<1	<1	1.6
4/1/2021		1.1			
4/2/2021					4.6
4/6/2021				<1	
6/1/2021	1.9		1.4		
8/11/2021	<1		<1		
8/12/2021		<1		<1	3.5
2/15/2022		0.79 (J)		0.91 (J)	20
2/16/2022	<1		<1		
5/12/2022					33 (R)
8/25/2022	<1		<1	0.99 (J)	19
8/26/2022		1.1			
12/28/2022					32 (R)
2/27/2023		1.6			56
2/28/2023	1.2		1.3	4.7	
5/2/2023				4.2	
8/8/2023	<1		<1		53
8/9/2023		0.51 (J)		3.6	
10/4/2023				3.1 (R)	
2/29/2024	<1				84
3/1/2024		1.2	0.68 (J)		

Time Series

Constituent: Sulfate (mg/L) Analysis Run 6/24/2024 1:09 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
3/4/2024				10	
5/20/2024				0.64 (J,R)	

Time Series

Constituent: Sulfate (mg/L) Analysis Run 6/24/2024 1:09 PM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
4/12/2016		7.55			
4/13/2016			<1 (D)		8.66 (D)
4/19/2016	575 (o)			32.7	
6/20/2016		14	0.36 (J)		
6/22/2016	470				6.3
8/15/2016			<1		8
8/16/2016	360	12			
10/6/2016	300	13	<1		10
10/10/2016				33	
11/30/2016		14			
12/1/2016	340		<1	31	15
2/8/2017					13
2/9/2017	350	9.5	<1	34	
4/6/2017	380	9.7			14
4/7/2017			<1	37	
6/21/2017	490	13		35	11
6/22/2017			<1		
8/15/2017				42	
9/1/2017				40	
10/5/2017	380				10
10/6/2017		7.3	<1		
3/21/2018		9.5			12
3/22/2018	400		<1	39	
10/2/2018					8.2
10/3/2018	270	10			
10/4/2018			<1	30	
3/26/2019		6.3			
3/27/2019	260		0.51 (J)	18	6.8
9/11/2019	130	12	0.52 (J)	32	9.6
3/18/2020	170	5.6		16	6.9
3/19/2020			0.54 (J)		
9/9/2020	110			11	8.4
9/10/2020		9.4	<1		
4/1/2021	100		<1		9.7
6/1/2021				17	
6/2/2021		13			
8/11/2021		11	<1		
8/12/2021	140			27	9.7
2/15/2022	100	13	<1	11	7.2
8/25/2022	100	12	<1	22	19
2/27/2023		13	1.4	12	13
2/28/2023	87				
8/8/2023	79	6.5	<1	7.8	13
2/29/2024	75	25	1.5	18	
3/1/2024					17
5/20/2024		18 (R)			

Time Series

Constituent: Thallium, Total (mg/L) Analysis Run 6/24/2024 1:09 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
5/8/2010			<0.001		
5/9/2010	<0.001	<0.001			
5/10/2010					<0.001
5/11/2010				<0.001	
6/16/2010		<0.001	<0.001		<0.001
6/17/2010				<0.001	
6/18/2010	<0.001				
7/26/2010			<0.001		
7/27/2010		<0.001		<0.001	
7/28/2010	<0.001				<0.001
9/7/2010		<0.001	<0.001		
9/8/2010					<0.001
9/9/2010	<0.001			<0.001	
4/28/2011				<0.001	
4/29/2011		<0.001	<0.001		<0.001
4/30/2011	<0.001				
10/27/2011					<0.001
10/28/2011	<0.001	<0.001	<0.001		
10/29/2011				<0.001	
5/2/2012	<0.001	<0.001	<0.001		
5/3/2012				<0.001	
5/4/2012					<0.001
11/9/2012	<0.001	<0.001	<0.001	<0.001	
11/11/2012					<0.001
5/8/2013	<0.001	0.0003	<0.001		
5/9/2013				<0.001	<0.001
11/5/2013	<0.001			<0.001	<0.001
11/6/2013		<0.001	<0.001		
5/20/2014	<0.001	<0.001	<0.001		
5/21/2014					<0.001
5/23/2014				<0.001	
11/8/2014		<0.001	<0.001		
11/12/2014	<0.001				<0.001
11/13/2014				<0.001	
5/22/2015	<0.001	<0.001	<0.001		
5/23/2015				<0.001	<0.001
11/9/2015		<0.001	<0.001		
11/11/2015	<0.001			<0.001	
11/12/2015					<0.001
4/6/2016	<0.001	<0.001	<0.001		
4/12/2016				<0.001	
4/13/2016					<0.001 (D)
6/15/2016	<0.001	<0.001	<0.001		
6/16/2016				<0.001	
6/21/2016					<0.001
8/10/2016	<0.001	<0.001	<0.001		
8/11/2016				<0.001	
8/15/2016					<0.001
10/4/2016	<0.001	<0.001		<0.001	
10/5/2016			<0.001		<0.001
11/29/2016		<0.001	<0.001		
11/30/2016	<0.001			<0.001	

Time Series

Constituent: Thallium, Total (mg/L) Analysis Run 6/24/2024 1:09 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
12/1/2016					<0.001
2/7/2017	<0.001	<0.001	<0.001	<0.001	
2/8/2017					<0.001
4/4/2017	<0.001	<0.001	<0.001		
4/5/2017				<0.001	
4/6/2017					<0.001
6/20/2017	<0.001	<0.001	<0.001	<0.001	
6/21/2017					<0.001
10/4/2017	<0.001			<0.001	
10/5/2017		<0.001	<0.001		<0.001
3/20/2018	<0.001 (D)	<0.001	<0.001	<0.001	
3/21/2018					<0.001
10/2/2018	<0.001	<0.001	<0.001	<0.001	<0.001
3/26/2019	<0.001	<0.001	<0.001	<0.001	
3/27/2019					<0.001
9/10/2019	<0.001	0.00021 (J)	0.00023 (J)	<0.001	
9/11/2019					<0.001
3/18/2020	<0.001	<0.001	<0.001	0.00049 (J)	<0.001
9/9/2020	0.00025 (J)	<0.001	<0.001	<0.001	<0.001
4/1/2021	<0.001	<0.001	<0.001	0.00027 (J)	<0.001
8/11/2021	<0.001	<0.001	<0.001		
8/17/2021					<0.001
8/18/2021				<0.001	
2/15/2022	<0.001	<0.001	<0.001	<0.001	<0.001
8/24/2022			<0.001	<0.001	
8/25/2022	<0.001	<0.001			<0.001
2/21/2023					<0.001
2/27/2023				<0.001	
2/28/2023	<0.001	<0.001	<0.001		
8/3/2023	<0.001	<0.001	<0.001		
8/9/2023				<0.001	<0.001
2/28/2024		<0.001	<0.001		
3/1/2024				<0.001	<0.001
3/4/2024	<0.001				

Time Series

Constituent: Thallium, Total (mg/L) Analysis Run 6/24/2024 1:09 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
5/9/2010		<0.001	<0.001	<0.001	
5/10/2010	<0.001				<0.001
6/16/2010	<0.001				<0.001
6/18/2010		<0.001	<0.001	<0.001	
7/26/2010					<0.001
7/27/2010	<0.001	<0.001			
7/28/2010				<0.001	
7/29/2010			<0.001		
9/7/2010					<0.001
9/8/2010	<0.001	<0.001			
9/9/2010			<0.001	<0.001	
4/26/2011			<0.001		
4/29/2011	<0.001	<0.001			<0.001
4/30/2011				<0.001	
10/27/2011	<0.001				
10/28/2011		<0.001	<0.001	<0.001	<0.001
5/2/2012					<0.001
5/3/2012		<0.001		<0.001	
5/4/2012	<0.001		<0.001		
11/9/2012					<0.001
11/10/2012	<0.001	<0.001		<0.001	
11/11/2012			<0.001		
5/8/2013			<0.001	<0.001	<0.001
5/9/2013	<0.001	<0.001			
11/5/2013				<0.001	
11/6/2013	<0.001	<0.001			<0.001
11/7/2013			<0.001		
5/20/2014	<0.001	<0.001	<0.001	<0.001	
5/23/2014					<0.001
11/8/2014					<0.001
11/12/2014	<0.001	<0.001	<0.001	<0.001	
5/22/2015					<0.001
5/23/2015		<0.001			
5/24/2015	<0.001		<0.001	<0.001	
11/10/2015					<0.001
11/11/2015				<0.001	
11/12/2015	<0.001	<0.001	<0.001		
4/11/2016					<0.001
4/13/2016	<0.001 (D)	<0.001 (D)	<0.001 (D)	<0.001 (D)	
6/16/2016					<0.001
6/21/2016	<0.001	<0.001	<0.001	<0.001	
8/11/2016					<0.001
8/15/2016	<0.001	<0.001	<0.001	<0.001	
10/4/2016				<0.001	
10/5/2016	<0.001	<0.001			<0.001
10/7/2016			<0.001		
11/29/2016					<0.001
12/1/2016	<0.001	<0.001	<0.001	<0.001	
2/7/2017				<0.001	
2/8/2017	<0.001	<0.001			<0.001
2/9/2017			<0.001		
4/5/2017		<0.001			

Time Series

Constituent: Thallium, Total (mg/L) Analysis Run 6/24/2024 1:09 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
4/6/2017	<0.001		<0.001	<0.001	<0.001
6/20/2017	<0.001	<0.001		<0.001	
6/21/2017					<0.001
6/22/2017			<0.001		
10/5/2017	<0.001	<0.001		<0.001	<0.001
10/6/2017			<0.001		
3/20/2018				<0.001	<0.001
3/21/2018	<0.001	<0.001 (D)			
3/22/2018			<0.001		
10/2/2018	<0.001	<0.001		<0.001	<0.001
10/3/2018			<0.001		
3/26/2019		<0.001	<0.001	<0.001	<0.001
3/27/2019	<0.001				
9/11/2019	<0.001	<0.001	<0.001	<0.001	<0.001
3/18/2020	<0.001	<0.001	<0.001	<0.001	<0.001
9/9/2020				<0.001	<0.001
9/10/2020	<0.001	<0.001	<0.001		
4/1/2021	<0.001	<0.001		<0.001	<0.001
4/6/2021			<0.001		
8/11/2021	<0.001	<0.001	<0.001	<0.001	<0.001
2/16/2022	<0.001	<0.001	<0.001	<0.001	<0.001
8/25/2022	<0.001				<0.001
8/26/2022		<0.001	<0.001	<0.001	
2/27/2023	<0.001	<0.001	<0.001	<0.001	
2/28/2023					<0.001
8/9/2023	<0.001	<0.001	<0.001	<0.001	<0.001
2/29/2024	<0.001	<0.001			<0.001
3/1/2024			<0.001	<0.001	

Time Series

Constituent: Thallium, Total (mg/L) Analysis Run 6/24/2024 1:09 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
5/11/2010	<0.001	<0.001	<0.001	<0.001	<0.001
6/16/2010	<0.001				
6/17/2010			<0.001	<0.001	<0.001
6/19/2010		<0.001			
7/27/2010	<0.001	<0.001	<0.001		
7/28/2010				<0.001	<0.001
9/7/2010	<0.001		<0.001	<0.001	
9/8/2010					<0.001
9/9/2010		<0.001			
4/28/2011		<0.001			<0.001
4/29/2011	<0.001		<0.001	<0.001	
10/28/2011	<0.001	<0.001	<0.001	<0.001	
10/29/2011					<0.001
5/2/2012	<0.001				
5/3/2012		<0.001	<0.001	<0.001	<0.001
11/9/2012	<0.001	<0.001		<0.001	
11/10/2012			<0.001		<0.001
5/9/2013	<0.001	<0.001	<0.001		
5/10/2013				<0.001	<0.001
11/5/2013		<0.001			
11/6/2013	<0.001		<0.001	<0.001	<0.001
5/22/2014	<0.001	<0.001	<0.001	<0.001	<0.001
11/8/2014	<0.001				
11/9/2014			<0.001	<0.001	<0.001
11/13/2014		<0.001			
5/22/2015				<0.001	<0.001
5/23/2015	<0.001				
5/24/2015		<0.001	<0.001		
11/10/2015	<0.001		<0.001	<0.001	
11/11/2015		<0.001			<0.001
4/11/2016	<0.001				
4/12/2016		<0.001	<0.001	<0.001 (D)	<0.001
6/16/2016	<0.001	<0.001	<0.001		
6/20/2016				<0.001	<0.001
8/11/2016	<0.001	<0.001	<0.001		
8/12/2016				<0.001	<0.001
10/4/2016		<0.001			
10/5/2016	<0.001		<0.001	<0.001	
10/6/2016					<0.001
11/29/2016	<0.001				
11/30/2016		<0.001	<0.001	<0.001	<0.001
2/7/2017		<0.001			
2/8/2017	<0.001		<0.001	<0.001	<0.001
4/5/2017	<0.001				
4/6/2017		<0.001	<0.001	<0.001	<0.001
6/20/2017		<0.001			
6/21/2017	<0.001		<0.001	<0.001	
6/22/2017					<0.001
10/4/2017		<0.001			
10/5/2017	<0.001		<0.001	<0.001	
10/6/2017					<0.001
3/20/2018	<0.001	<0.001			

Time Series

Constituent: Thallium, Total (mg/L) Analysis Run 6/24/2024 1:09 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
3/21/2018			<0.001	<0.001	<0.001
10/2/2018	<0.001	<0.001			
10/3/2018			<0.001	<0.001	<0.001
3/26/2019	<0.001	<0.001	<0.001	<0.001	<0.001
9/10/2019		<0.001		<0.001	<0.001
9/12/2019	<0.001		<0.001		
3/18/2020		0.00025 (J)		<0.001	
3/19/2020	<0.001		<0.001		0.00036 (J)
9/9/2020	<0.001	<0.001			
9/10/2020			<0.001	<0.001	<0.001
4/1/2021		<0.001			
4/2/2021					<0.001
4/5/2021	0.00032 (J)		<0.001		
4/6/2021				<0.001	
8/11/2021	<0.001		<0.001		
8/12/2021		<0.001		<0.001	<0.001
2/15/2022		<0.001		<0.001	<0.001
2/16/2022	<0.001		<0.001		
8/25/2022	<0.001		<0.001	<0.001	<0.001
8/26/2022		<0.001			
2/27/2023		<0.001			<0.001
2/28/2023	<0.001		<0.001	<0.001	
8/8/2023	<0.001		<0.001		<0.001
8/9/2023		<0.001		<0.001	
2/29/2024	<0.001				<0.001
3/1/2024		<0.001	<0.001		
3/4/2024				<0.001	

Time Series

Constituent: Thallium, Total (mg/L) Analysis Run 6/24/2024 1:09 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
5/10/2010			<0.001	<0.001	<0.001
5/11/2010	<0.001	<0.001			
6/16/2010					<0.001
6/18/2010	<0.001	<0.001	<0.001		
6/19/2010				<0.001	
7/27/2010	<0.001	<0.001			<0.001
7/28/2010			<0.001	<0.001	
9/8/2010				<0.001	<0.001
9/9/2010	<0.001	<0.001	<0.001		
4/29/2011	<0.001				<0.001
4/30/2011		<0.001	<0.001	<0.001	
10/27/2011				<0.001	<0.001
10/28/2011	<0.001				
10/29/2011		<0.001	0.00027		
5/3/2012					<0.001
5/4/2012	<0.001	<0.001	<0.001	<0.001	
11/10/2012	<0.001	<0.001	<0.001		
11/11/2012				<0.001	<0.001
5/9/2013	<0.001	<0.001	<0.001		<0.001
5/10/2013				<0.001	
11/6/2013	<0.001				<0.001
11/7/2013		<0.001	0.00026	<0.001	
5/21/2014		<0.001	<0.001	<0.001	<0.001
5/22/2014	<0.001				
11/9/2014	<0.001	<0.001			
11/12/2014			<0.001		<0.001
11/13/2014				<0.001	
5/23/2015				<0.001	<0.001
5/24/2015	<0.001	<0.001	<0.001		
11/11/2015	<0.001	<0.001	<0.001	<0.001	
11/12/2015					<0.001
4/12/2016		<0.001			
4/13/2016			<0.001 (D)		<0.001 (D)
4/19/2016	<0.001			<0.001	
6/20/2016		<0.001	<0.001		
6/22/2016	<0.001				<0.001
8/12/2016		<0.001			
8/15/2016			<0.001		<0.001
8/16/2016	<0.001				
10/6/2016	<0.001	<0.001	<0.001		<0.001
10/10/2016				<0.001	
11/30/2016		<0.001			
12/1/2016	<0.001		<0.001	<0.001	<0.001
2/8/2017					<0.001
2/9/2017	<0.001	<0.001	<0.001	<0.001	
4/6/2017	<0.001	<0.001			<0.001
4/7/2017			<0.001	<0.001	
6/21/2017	<0.001	<0.001		<0.001	<0.001
6/22/2017			<0.001		
8/15/2017				<0.001	
9/1/2017				<0.001	
10/5/2017	<0.001				<0.001

Time Series

Constituent: Thallium, Total (mg/L) Analysis Run 6/24/2024 1:09 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
10/6/2017		<0.001	<0.001		
10/9/2017				<0.001	
3/21/2018		<0.001			<0.001
3/22/2018	<0.001		<0.001	<0.001	
10/2/2018					<0.001
10/3/2018	<0.001	<0.001			
10/4/2018			<0.001	<0.001	
3/26/2019		<0.001			
3/27/2019	<0.001		<0.001	<0.001	<0.001
9/11/2019	<0.001	<0.001	<0.001	<0.001	<0.001
3/18/2020	<0.001	<0.001		<0.001	<0.001
3/19/2020			<0.001		
9/9/2020	<0.001			<0.001	<0.001
9/10/2020		<0.001	0.00019 (J)		
4/1/2021	<0.001		<0.001		<0.001
4/5/2021		0.0003 (J)		0.00081 (J)	
8/11/2021		0.0002 (J)	0.00043 (J)		
8/12/2021	0.00037 (J)			0.00043 (J)	0.00016 (J)
2/15/2022	<0.001	<0.001	<0.001	<0.001	<0.001
8/25/2022	<0.001	<0.001	<0.001	<0.001	<0.001
2/27/2023		<0.001	<0.001	<0.001	<0.001
2/28/2023	<0.001				
8/8/2023	<0.001	<0.001	<0.001	<0.001	<0.001
2/29/2024	<0.001	<0.001	<0.001	<0.001	
3/1/2024					<0.001

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 6/24/2024 1:09 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
4/6/2016	38	84	61		
4/12/2016				147	
4/13/2016					103 (D)
6/15/2016	<10	139	113		
6/16/2016				150	
6/21/2016					214 (O)
8/10/2016	56	80	74		
8/11/2016				110	
8/15/2016					130
10/4/2016	48	62		140	
10/5/2016			44		84
11/29/2016		110	58		
11/30/2016	46			130	
12/1/2016					130
2/7/2017	18	70	4 (J)	130	
2/8/2017					130
4/4/2017	32	120	78		
4/5/2017				130	
4/6/2017					130
6/20/2017	38	76	50	120	
6/21/2017					120
10/4/2017	42			130	
10/5/2017		110	64		140
3/20/2018	20 (JX)	110	90	110	
3/21/2018					120
10/2/2018	48	110	90	140	150
3/26/2019	45	100	82	150	
3/27/2019					140
9/10/2019	42	75	51	130	
9/11/2019					110
3/18/2020	43	93	75	130	140
9/9/2020	<10	66	64	120	160
4/1/2021	55	100	68	120	140
8/11/2021	55	100	94		
8/17/2021					160
8/18/2021				150	
2/15/2022	42	99	79	120	150
8/24/2022			110	160	
8/25/2022	86	130			170
2/21/2023					150
2/27/2023				160	
2/28/2023	50	110	94		
8/3/2023	53	110	85		
8/9/2023				140	140
2/28/2024		100	85		
3/1/2024				150	150
3/4/2024	41				

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 6/24/2024 1:09 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
4/11/2016					89
4/13/2016	99 (D)	<5 (D)	60 (D)	56 (D)	
6/16/2016					88
6/21/2016	293 (o)	110	195 (O)	68	
8/11/2016					52
8/15/2016	90	<5	42	46	
10/4/2016				60	
10/5/2016	70	<5			76
10/7/2016			24		
11/29/2016					72
12/1/2016	120	16	68	70	
2/7/2017				40	
2/8/2017	86	12			74
2/9/2017			56		
4/5/2017		18			
4/6/2017	130		68	74	84
6/20/2017	86	<5		34	
6/21/2017					88
6/22/2017			56		
10/5/2017	94	28		98	110
10/6/2017			90		
3/20/2018				42	92
3/21/2018	100	28 (JX)			
3/22/2018			76		
10/2/2018	120	38		40	100
10/3/2018			22		
3/26/2019		29	59	60	94
3/27/2019	100				
9/11/2019	94	14	33	26	77
3/18/2020	100	26	100	57	92
9/9/2020				54	77
9/10/2020	95	13	60		
4/1/2021	90	17		43	62
4/6/2021			55		
8/11/2021	120	18	75	71	98
2/16/2022	79	16	55	46	70
8/25/2022	130				130
8/26/2022		29	84	91	
2/27/2023	120	39	87	70	
2/28/2023					100
8/9/2023	98	27	74	64	95
2/29/2024	110	32			96
3/1/2024			74	63	

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 6/24/2024 1:09 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
4/11/2016	99				
4/12/2016		93	104	92 (D)	80
6/16/2016	102	130	111		
6/20/2016				78	111
8/11/2016	38	92	70		
8/16/2016				76	100
10/4/2016		120			
10/5/2016	26		92	64	
10/6/2016					110
11/29/2016	82				
11/30/2016		130	92	82	110
2/7/2017		36			
2/8/2017	78		98	92	120
4/5/2017	100				
4/6/2017		150	92	88	130
6/20/2017		92			
6/21/2017	100		100	88	
6/22/2017					110
10/4/2017		120			
10/5/2017	100		130	86	
10/6/2017					120
3/20/2018	100	120			
3/21/2018			100	98	160
10/2/2018	130	140			
10/3/2018			130	60	120
3/26/2019	100	130	110	86	130
9/10/2019		140		66	93
9/12/2019	70		84		
3/18/2020		140		72	
3/19/2020	110		120		130
9/9/2020	120	110			
9/10/2020			110	59	130
4/1/2021		120			
4/2/2021					150
4/6/2021				81	
6/1/2021	130		120		
8/11/2021	120		110		
8/12/2021		130		89	130
2/15/2022		120		53	140
2/16/2022	110		110		
8/25/2022	150		140	110	170
8/26/2022		180			
2/27/2023		140			240
2/28/2023	130		120	72	
5/2/2023					290
8/8/2023	130		130		220
8/9/2023		120		88	
2/29/2024	130				260
3/1/2024		140	130		
3/4/2024				99	

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 6/24/2024 1:09 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
4/12/2016		138			
4/13/2016			130 (D)		135 (D)
4/19/2016	1290			179	
6/20/2016		154	116		
6/22/2016	1060				199
8/15/2016			92		120
8/16/2016	880	140			
10/6/2016	820	150	110		140
10/10/2016				110 (O)	
11/30/2016		160			
12/1/2016	900		140	170	160
2/8/2017					130
2/9/2017	940	160	120	180	
4/6/2017	1100	140			140
4/7/2017			120	200	
6/21/2017	1200	150		190	150
6/22/2017			100		
8/15/2017				190	
9/1/2017				160	
10/5/2017	950				170
10/6/2017		160	140		
3/21/2018		170			160
3/22/2018	1000		130	220	
10/2/2018					34
10/3/2018	620	120			
10/4/2018			110		
10/17/2018				170	
3/26/2019		130			
3/27/2019	580		120	300	140
9/11/2019	310	120	100	210	130
3/18/2020	430	140		300	130
3/19/2020			98		
9/9/2020	270			360	150
9/10/2020		140	120		
4/1/2021	260		110		120
6/1/2021				340	
6/2/2021		140			
8/11/2021		160	130		
8/12/2021	370			240	150
2/15/2022	290	140	140	330	140
8/25/2022	290	170	150	270	180
2/27/2023		150	140	340	170
2/28/2023	240				
8/8/2023	230	110	130	910	150
10/4/2023				240 (R)	
2/29/2024	190	160	130	270	
3/1/2024					160

Time Series

Constituent: Vanadium (mg/L) Analysis Run 6/24/2024 1:09 PM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
5/8/2010			0.0024 (J)		
5/9/2010	<0.002	0.0049 (J)			
5/10/2010					0.011
5/11/2010				0.012	
6/16/2010		0.0054 (J)	0.002 (J)		0.01
6/17/2010				0.0082 (J)	
6/18/2010	<0.002				
7/26/2010			<0.01		
7/27/2010		0.0055 (J)		0.0096 (J)	
7/28/2010	<0.002				0.011
9/7/2010		0.005 (J)	0.0026 (J)		
9/8/2010					0.011
9/9/2010	<0.002			0.0098 (J)	
4/28/2011				0.0085 (J)	
4/29/2011		0.005 (J)	0.0036 (J)		0.01
4/30/2011	<0.002				
10/27/2011					0.014
10/28/2011	<0.002	0.0081 (J)	<0.01		
10/29/2011				0.011	
5/2/2012	<0.002	0.0059 (J)	0.003 (J)		
5/3/2012				0.013	
5/4/2012					0.0096 (J)
11/9/2012	<0.002	0.0062 (J)	0.0081 (J)	0.013	
11/11/2012					0.011
5/8/2013	<0.002	0.0079 (J)	<0.01		
5/9/2013				0.012	0.011
11/5/2013	<0.002			0.015	0.013
11/6/2013		0.0068 (J)	0.0032 (J)		
5/20/2014	<0.002	0.0074 (J)	0.0036 (J)		
5/21/2014					0.012
5/23/2014				0.015	
11/8/2014		0.0097 (J)	0.0065 (J)		
11/12/2014	0.0035 (J)				0.016
11/13/2014				0.02	
5/22/2015	<0.002	0.0085 (J)	<0.01		
5/23/2015				0.018	0.011
11/9/2015		<0.01	0.0047 (J)		
11/11/2015	<0.002			0.018	
11/12/2015					0.0053 (J)
4/6/2016	<0.002	0.00726 (J)	0.00424 (J)		
4/12/2016				0.0173	
4/13/2016					0.0124 (D)
10/4/2016	0.0031	0.013		0.021	
10/5/2016			0.0049		0.013
4/4/2017	<0.002	0.0046	0.0048		
4/5/2017				0.017	
4/6/2017					0.013
10/4/2017	0.0021 (J)			0.02	
10/5/2017		0.0071	0.0024 (J)		0.015
3/20/2018	<0.002 (D)	0.0067	0.0041	0.016	
3/21/2018					0.012
10/2/2018	<0.002	0.0069	0.004	0.017	0.012

Time Series

Constituent: Vanadium (mg/L) Analysis Run 6/24/2024 1:09 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
3/26/2019	<0.002	0.007	0.0051	0.017	
3/27/2019					0.012
9/10/2019	0.0022	0.01	0.0091	0.02	
9/11/2019					0.017
3/18/2020	0.0011	0.0078	0.0051	0.02	0.013
9/9/2020	<0.002	0.0072	0.0053	0.018	0.012
4/1/2021	<0.002	0.0078	0.005	0.019	0.013
8/11/2021	<0.002	0.0082	0.0055		
8/18/2021				0.018	
10/18/2021					0.013
2/15/2022	<0.002	0.0077	0.0052	0.018	0.012
8/24/2022			0.0051	0.017	
8/25/2022	<0.002	0.0079			0.011
2/21/2023					0.012
2/27/2023				0.019	
2/28/2023	0.0011	0.0087	0.0057		
8/3/2023	<0.002	0.0086	0.0041		
8/9/2023				0.019	0.013
2/28/2024		0.0087	0.0056		
3/1/2024				0.018	0.013
3/4/2024	0.00066 (J)				

Time Series

Constituent: Vanadium (mg/L) Analysis Run 6/24/2024 1:09 PM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
5/9/2010		<0.002	<0.0014	<0.002	
5/10/2010	0.009 (J)				0.0052 (J)
6/16/2010	0.0089 (J)				0.0059 (J)
6/18/2010		<0.002	<0.0014	<0.002	
7/26/2010					0.0052 (J)
7/27/2010	0.0089 (J)	<0.002			
7/28/2010				<0.002	
7/29/2010			<0.0014		
9/7/2010					0.0056 (J)
9/8/2010	0.009 (J)	<0.002			
9/9/2010			<0.0014	<0.002	
4/26/2011			<0.0014		
4/29/2011	0.0082 (J)	<0.002			0.005 (J)
4/30/2011				<0.002	
10/27/2011	0.009 (J)				
10/28/2011		<0.002	<0.0014	<0.002	0.0048 (J)
5/2/2012					0.0057 (J)
5/3/2012		<0.002		<0.002	
5/4/2012	0.0091 (J)		<0.0014		
11/9/2012					0.0057 (J)
11/10/2012	0.0096 (J)	<0.002		<0.002	
11/11/2012			<0.0014		
5/8/2013			0.0039 (J)	<0.002	0.0069 (J)
5/9/2013	0.01	<0.002			
11/5/2013				<0.002	
11/6/2013	0.01	<0.002			0.0052 (J)
11/7/2013			<0.0014		
5/20/2014	0.011	<0.002	<0.0014	<0.002	
5/23/2014					0.0081 (J)
11/8/2014					0.01
11/12/2014	0.012	0.0032 (J)	0.004 (J)	<0.002	
5/22/2015					0.0052 (J)
5/23/2015		<0.002			
5/24/2015	0.012		<0.0014	<0.002	
11/10/2015					<0.01
11/11/2015				<0.002	
11/12/2015	<0.01	<0.002	<0.0014		
4/11/2016					0.00604 (J)
4/13/2016	0.00976 (JD)	<0.002 (D)	<0.0014 (D)	<0.002 (D)	
10/4/2016				0.0026	
10/5/2016	0.013	<0.002			0.0075
10/7/2016			<0.0014		
4/5/2017		<0.002			
4/6/2017	0.011		<0.0014	<0.002	0.0065
10/5/2017	0.013	0.0022 (J)		0.0024 (J)	0.0052
10/6/2017			0.0032		
3/20/2018				<0.002	0.0064
3/21/2018	0.0098	<0.0014 (JX)			
3/22/2018			<0.0014		
10/2/2018	0.01	<0.002		<0.002	0.0064
10/3/2018			<0.0014		
3/26/2019		0.0029	0.0041	0.0034	0.0094

Time Series

Constituent: Vanadium (mg/L) Analysis Run 6/24/2024 1:09 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
3/27/2019	0.012				
9/11/2019	0.015	0.0052	0.0062	0.0062	0.011
3/18/2020	0.011	<0.002	0.001	<0.002	0.0075
9/9/2020				<0.002	0.007
9/10/2020	0.01	<0.002	0.0011		
4/1/2021	0.011	<0.002		0.0013	0.0081
4/6/2021			0.0028		
8/11/2021	0.011	<0.002	0.0013	0.0012	0.008
2/16/2022	0.0099	<0.002	0.0011	0.00091 (J)	0.0066
8/25/2022	0.0099				0.007
8/26/2022		<0.002	0.0016	0.0017	
2/27/2023	0.012	0.0014	0.0021	0.002	
2/28/2023					0.0072
8/9/2023	0.0099	<0.002	0.0016 (J)	0.00079 (J)	0.0061
2/29/2024	0.011	<0.002			0.0069
3/1/2024			0.0011 (J)	<0.002	

Time Series

Constituent: Vanadium (mg/L) Analysis Run 6/24/2024 1:09 PM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
5/11/2010	0.0064 (J)	0.0078 (J)	0.014	0.0046 (J)	0.0068 (J)
6/16/2010	0.0061 (J)				
6/17/2010			0.014	0.0046 (J)	0.0079 (J)
6/19/2010		<0.01			
7/27/2010	0.006 (J)	0.0096 (J)	0.016		
7/28/2010				0.019 (O)	0.0077 (J)
9/7/2010	0.0066 (J)		0.017	0.0072 (J)	
9/8/2010					0.0077 (J)
9/9/2010		0.0095 (J)			
4/28/2011		0.01			0.0099 (J)
4/29/2011	0.0066 (J)		0.015	0.0052 (J)	
10/28/2011	0.0057 (J)	0.014	0.016	0.0059 (J)	
10/29/2011					0.006 (J)
5/2/2012	0.006 (J)				
5/3/2012		0.013	0.016	0.0049 (J)	0.0084 (J)
11/9/2012	0.0073 (J)	0.012		0.007 (J)	
11/10/2012			0.018		0.0061 (J)
5/9/2013	0.0069 (J)	0.012	0.019		
5/10/2013				0.0094 (J)	0.009 (J)
11/5/2013		0.014			
11/6/2013	0.0077 (J)		0.019	0.0059 (J)	0.0089 (J)
5/22/2014	0.0075 (J)	0.013	0.018	0.0057 (J)	0.0084 (J)
11/8/2014	0.0081 (J)				
11/9/2014			0.02	0.0069 (J)	0.0076 (J)
11/13/2014		0.016			
5/22/2015				0.006 (J)	0.011
5/23/2015	0.01				
5/24/2015		0.014	0.016		
11/10/2015	0.0033 (J)		0.01	0.011	
11/11/2015		0.014			0.0034 (J)
4/11/2016	0.00756 (J)				
4/12/2016		0.0155	0.019	0.00503 (JD)	0.00654 (J)
10/4/2016		0.017			
10/5/2016	0.0084		<0.016	<0.0072	
10/6/2016					<0.0086
4/5/2017	0.0086				
4/6/2017		0.015	0.02	0.0056	0.0073
10/4/2017		0.015			
10/5/2017	0.0062		0.02	0.0061	
10/6/2017					0.0087
3/20/2018	0.0072	0.014			
3/21/2018			0.021	0.0097	0.0058
10/2/2018	0.0073	0.015			
10/3/2018			0.017	0.0053	0.006
3/26/2019	0.0094	0.016	0.018	0.0076	0.011
9/10/2019		0.018		0.0078	0.0086
9/12/2019	0.0083		0.02		
3/18/2020		0.016		0.0051	
3/19/2020	0.008		0.019		0.0065
9/9/2020	0.0071	0.014			
9/10/2020			0.018	0.0061	0.0068
4/1/2021		0.014			

Time Series

Constituent: Vanadium (mg/L) Analysis Run 6/24/2024 1:09 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
4/2/2021					0.0081
4/5/2021	0.0068		0.017		
4/6/2021				0.0075	
8/11/2021	0.0076		0.019		
8/12/2021		0.016		0.0087	0.007
2/15/2022		0.016		0.0064	0.0059
2/16/2022	0.0068		0.018		
8/25/2022	0.0068		0.018	0.0072	0.0059
8/26/2022		0.015			
2/27/2023		0.016			0.0056
2/28/2023	0.0078		0.019	0.0066	
8/8/2023	0.007		0.018		0.0056
8/9/2023		0.016		0.0057	
2/29/2024	0.0078				0.0049
3/1/2024		0.015	0.019		
3/4/2024				0.0051	

Time Series

Constituent: Vanadium (mg/L) Analysis Run 6/24/2024 1:09 PM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
5/10/2010			0.011	0.013	0.0097 (J)
5/11/2010	0.0038 (J)	0.0055			
6/16/2010					0.01
6/18/2010	0.0044 (J)	0.0071 (J)	0.017		
6/19/2010				0.0075 (J)	
7/27/2010	0.0054 (J)	0.0085 (J)			0.012
7/28/2010			0.012	0.01	
9/8/2010				0.038	0.013
9/9/2010	0.0053 (J)	0.0088 (J)	0.013		
4/29/2011	0.0039 (J)				0.0097 (J)
4/30/2011		0.0094 (J)	0.012	0.053 (O)	
10/27/2011				0.016	0.015
10/28/2011	<0.0025				
10/29/2011		0.009 (J)	0.013		
5/3/2012					0.017
5/4/2012	<0.0025	0.0084 (J)	0.012	0.018	
11/10/2012	0.0035 (J)	0.0089 (J)	0.012		
11/11/2012				0.025	0.017
5/9/2013	0.004 (J)	0.0071 (J)	0.013		0.014
5/10/2013				0.09 (O)	
11/6/2013	0.0034 (J)				0.019
11/7/2013		0.0094 (J)	0.014	0.02	
5/21/2014		0.0082 (J)	0.013	0.016	0.016
5/22/2014	0.0047 (J)				
11/9/2014	0.0067 (J)	0.013			
11/12/2014			0.015		0.022
11/13/2014				0.065 (O)	
5/23/2015				0.032	0.016
5/24/2015	0.0033 (J)	0.009 (J)	0.015		
11/11/2015	<0.0025	0.0052	0.0055 (J)	0.033	
11/12/2015					0.015
4/12/2016		0.00896 (J)			
4/13/2016			0.0127 (D)		0.0144 (D)
4/19/2016	<0.0025			0.0233	
10/6/2016	<0.0025	<0.009	<0.012		<0.02
10/10/2016				0.019 (D)	
4/6/2017	0.0018 (J)	0.0089			0.016
4/7/2017			0.013	0.0044	
10/5/2017	<0.0025				0.024
10/6/2017		0.011	0.015		
10/9/2017				0.0047	
3/21/2018		0.0077			0.018
3/22/2018	0.0018 (J)		0.012	0.0043	
10/2/2018					0.021
10/3/2018	0.0018 (J)	0.0081			
10/4/2018			0.012	<0.002	
3/26/2019		0.012			
3/27/2019	0.002 (J)		0.013	0.003	0.019
9/11/2019	0.0047	0.012	0.015	0.0042	0.025
3/18/2020	0.002	0.0099		0.0031	0.012
3/19/2020			0.014		
9/9/2020	0.002			<0.002	0.022

Time Series

Constituent: Vanadium (mg/L) Analysis Run 6/24/2024 1:09 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
9/10/2020		0.0094	0.014		
4/1/2021	0.0027		0.014		0.0095
4/5/2021		0.0091		0.0023	
8/11/2021		0.0099	0.013		
8/12/2021	0.0021			<0.002	0.02
2/15/2022	0.0026	0.0094	0.013	0.00079 (J)	0.017
8/25/2022	0.0026	0.011	0.014	0.0023	0.025
2/27/2023		0.0097	0.014	0.0019	0.018
2/28/2023	0.003				
8/8/2023	0.0018 (J)	0.0094	0.012	<0.002	0.019
2/29/2024	0.0029	0.0093	0.013	<0.002	
3/1/2024					0.016

Time Series

Constituent: Zinc (mg/L) Analysis Run 6/24/2024 1:09 PM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
5/8/2010			<0.005		
5/9/2010	<0.005	<0.005			
5/10/2010					<0.005
5/11/2010				<0.005	
6/16/2010		<0.005	<0.005		<0.005
6/17/2010				<0.005	
6/18/2010	<0.005				
7/26/2010			<0.005		
7/27/2010		<0.005		<0.005	
7/28/2010	<0.005				<0.005
9/7/2010		<0.005	<0.005		
9/8/2010					<0.005
9/9/2010	<0.005			<0.005	
4/28/2011				<0.005	
4/29/2011		<0.005	<0.005		<0.005
4/30/2011	<0.005				
10/27/2011					<0.005
10/28/2011	<0.005	<0.005	<0.005		
10/29/2011				<0.005	
5/2/2012	<0.005	<0.005	<0.005		
5/3/2012				<0.005	
5/4/2012					<0.005
11/9/2012	<0.005	<0.005	<0.005	<0.005	
11/11/2012					<0.005
5/8/2013	<0.005	<0.005	<0.005		
5/9/2013				<0.005	<0.005
11/5/2013	<0.005			<0.005	<0.005
11/6/2013		<0.005	<0.005		
5/20/2014	<0.005	<0.005	<0.005		
5/21/2014					<0.005
5/23/2014				<0.005	
11/8/2014		<0.005	<0.005		
11/12/2014	<0.005				<0.005
11/13/2014				<0.005	
5/22/2015	<0.005	<0.005	<0.005		
5/23/2015				<0.005	<0.005
11/9/2015		<0.005	<0.005		
11/11/2015	<0.005			<0.005	
11/12/2015					<0.005
4/6/2016	<0.005	<0.005	0.00274 (J)		
4/12/2016				<0.005	
4/13/2016					<0.005 (D)
10/4/2016	<0.005	<0.005		<0.005	
10/5/2016			0.0073 (J)		<0.005
4/4/2017	<0.005	<0.005	<0.005		
4/5/2017				<0.005	
4/6/2017					<0.005
10/4/2017	<0.005			<0.005	
10/5/2017		<0.005	<0.005		<0.005
3/20/2018	<0.005 (D)	<0.005	<0.005	<0.005	
3/21/2018					<0.005
10/2/2018	<0.005	<0.005	<0.005	<0.005	<0.005

Time Series

Constituent: Zinc (mg/L) Analysis Run 6/24/2024 1:09 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
3/26/2019	<0.005	<0.005	<0.005	<0.005	
3/27/2019					<0.005
9/10/2019	0.006	0.0047 (J)	0.0084	0.0038 (J)	
9/11/2019					0.004 (J)
3/18/2020	<0.005	<0.005	<0.005	<0.005	<0.005
9/9/2020	<0.005	<0.005	<0.005	<0.005	<0.005
4/1/2021	<0.005	<0.005	<0.005	<0.005	<0.005
8/11/2021	<0.005	<0.005	<0.005		
8/18/2021				<0.005	
10/18/2021					<0.005
2/15/2022	<0.005	<0.005	<0.005	<0.005	<0.005
8/24/2022			<0.005	0.0039 (J)	
8/25/2022	<0.005	<0.005			<0.005
2/21/2023					<0.005
2/27/2023				<0.005	
2/28/2023	<0.005	<0.005	<0.005		
8/3/2023	<0.005	0.0035 (J)	<0.005		
8/9/2023				<0.005	<0.005
2/28/2024		<0.005	<0.005		
3/1/2024				0.004 (J)	<0.005
3/4/2024	<0.005				

Time Series

Constituent: Zinc (mg/L) Analysis Run 6/24/2024 1:09 PM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
5/9/2010		<0.005	<0.005	<0.005	
5/10/2010	<0.005				<0.005
6/16/2010	<0.005				<0.005
6/18/2010		<0.005	<0.005	<0.005	
7/26/2010					<0.005
7/27/2010	<0.005	<0.005			
7/28/2010				<0.005	
7/29/2010			<0.005		
9/7/2010					<0.005
9/8/2010	<0.005	<0.005			
9/9/2010			<0.005	<0.005	
4/26/2011			<0.005		
4/29/2011	<0.005	<0.005			<0.005
4/30/2011				<0.005	
10/27/2011	<0.005				
10/28/2011		<0.005	<0.005	<0.005	<0.005
5/2/2012					<0.005
5/3/2012		<0.005		<0.005	
5/4/2012	<0.005		<0.005		
11/9/2012					<0.005
11/10/2012	<0.005	<0.005		<0.005	
11/11/2012			<0.005		
5/8/2013			<0.005	<0.005	<0.005
5/9/2013	<0.005	<0.005			
11/5/2013				<0.005	
11/6/2013	<0.005	<0.005			<0.005
11/7/2013			<0.005		
5/20/2014	<0.005	<0.005	<0.005	<0.005	
5/23/2014					<0.005
11/8/2014					<0.005
11/12/2014	<0.005	<0.005	<0.005	<0.005	
5/22/2015					<0.005
5/23/2015		<0.005			
5/24/2015	<0.005		<0.005	<0.005	
11/10/2015					<0.005
11/11/2015				<0.005	
11/12/2015	<0.005	<0.005	<0.005		
4/11/2016					<0.005
4/13/2016	0.00241 (JD)	0.00409 (JD)	0.00289 (JD)	<0.005 (D)	
10/4/2016				<0.005	
10/5/2016	<0.005	<0.005			<0.005
10/7/2016			<0.005		
4/5/2017		<0.005			
4/6/2017	<0.005		<0.005	<0.005	<0.005
10/5/2017	<0.005	<0.005		<0.005	<0.005
10/6/2017			0.0071 (J)		
3/20/2018				<0.005	<0.005
3/21/2018	0.007 (J)	<0.005 (D)			
3/22/2018			<0.005		
10/2/2018	0.022 (O)	<0.005		<0.005	<0.005
10/3/2018			<0.005		
3/26/2019		<0.005	<0.005	<0.005	<0.005

Time Series

Constituent: Zinc (mg/L) Analysis Run 6/24/2024 1:09 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
3/27/2019	<0.005				
9/11/2019	0.0072	0.0065	0.0085	0.0038 (J)	0.0077
3/18/2020	<0.005	0.005	0.0052	<0.005	<0.005
9/9/2020				<0.005	<0.005
9/10/2020	0.018	0.0037 (J)	0.0038 (J)		
4/1/2021	0.0034 (J)	<0.005		<0.005	<0.005
4/6/2021			0.004 (J)		
8/11/2021	<0.005	<0.005	<0.005	<0.005	<0.005
2/16/2022	0.0034 (J)	0.0032 (J)	0.004 (J)	<0.005	<0.005
8/25/2022	<0.005				<0.005
8/26/2022		<0.005	<0.005	<0.005	
2/27/2023	<0.005	<0.005	<0.005	<0.005	
2/28/2023					<0.005
8/9/2023	<0.005	<0.005	0.0031 (J)	<0.005	<0.005
2/29/2024	0.0036 (J)	<0.005			0.0032 (J)
3/1/2024			<0.005	0.024	
5/7/2024				<0.005 (R)	

Time Series

Constituent: Zinc (mg/L) Analysis Run 6/24/2024 1:09 PM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
5/11/2010	<0.005	<0.005	<0.005	0.018 (O)	<0.005
6/16/2010	<0.005				
6/17/2010			<0.005	<0.005	<0.005
6/19/2010		<0.005			
7/27/2010	<0.005	<0.005	<0.005		
7/28/2010				0.016 (O)	<0.005
9/7/2010	<0.005		<0.005	<0.005	
9/8/2010					<0.005
9/9/2010		<0.005			
4/28/2011		<0.005			<0.005
4/29/2011	<0.005		<0.005	<0.005	
10/28/2011	<0.005	<0.005	<0.005	<0.005	
10/29/2011					<0.005
5/2/2012	<0.005				
5/3/2012		<0.005	<0.005	<0.005	<0.005
11/9/2012	<0.005	<0.005		<0.005	
11/10/2012			<0.005		<0.005
5/9/2013	<0.005	<0.005	<0.005		
5/10/2013				<0.005	<0.005
11/5/2013		<0.005			
11/6/2013	<0.005		<0.005	<0.005	<0.005
5/22/2014	<0.005	<0.005	<0.005	<0.005	<0.005
11/8/2014	<0.005				
11/9/2014			<0.005	<0.005	<0.005
11/13/2014		<0.005			
5/22/2015				<0.005	<0.005
5/23/2015	<0.005				
5/24/2015		<0.005	<0.005		
11/10/2015	<0.005	<0.005	<0.005	<0.005	
11/11/2015		<0.005			<0.005
4/11/2016	<0.005				
4/12/2016		<0.005	<0.005	<0.005 (D)	0.00203 (J)
10/4/2016		<0.005			
10/5/2016	0.0085 (O)		<0.005	0.01 (O)	
10/6/2016					<0.005
4/5/2017	<0.005				
4/6/2017		<0.005	<0.005	<0.005	<0.005
10/4/2017		<0.005			
10/5/2017	<0.005		<0.005	<0.005	
10/6/2017					<0.005
3/20/2018	<0.005	<0.005			
3/21/2018			<0.005	<0.005	<0.005
10/2/2018	<0.005	<0.005			
10/3/2018			<0.005	<0.005	<0.005
3/26/2019	<0.005	<0.005	<0.005	<0.005	<0.005
9/10/2019		0.004 (J)		0.0069	0.006
9/12/2019	0.0059		0.0065		
3/18/2020		<0.005		<0.005	
3/19/2020	<0.005		<0.005		<0.005
9/9/2020	<0.005	<0.005			
9/10/2020			<0.005	<0.005	<0.005
4/1/2021		0.01			

Time Series

Constituent: Zinc (mg/L) Analysis Run 6/24/2024 1:09 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
4/2/2021					<0.005
4/5/2021	<0.005		<0.005		
4/6/2021				<0.005	
8/11/2021	<0.005		<0.005		
8/12/2021		<0.005		0.0035 (J)	<0.005
2/15/2022		<0.005		<0.005	<0.005
2/16/2022	<0.005		<0.005		
8/25/2022	<0.005		0.0063	<0.005	<0.005
8/26/2022		<0.005			
2/27/2023		<0.005			<0.005
2/28/2023	<0.005		<0.005	<0.005	
8/8/2023	<0.005		<0.005		<0.005
8/9/2023		0.0046 (J)		<0.005	
2/29/2024	<0.005				<0.005
3/1/2024		<0.005	<0.005		
3/4/2024				<0.005	

Time Series

Constituent: Zinc (mg/L) Analysis Run 6/24/2024 1:09 PM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
5/10/2010			<0.005	<0.005	<0.005
5/11/2010	<0.005	<0.005			
6/16/2010					<0.005
6/18/2010	<0.005	<0.005	<0.005		
6/19/2010				0.0081 (J)	
7/27/2010	<0.005	<0.005			<0.005
7/28/2010			<0.005	0.017 (J)	
9/8/2010				0.085	<0.005
9/9/2010	<0.005	<0.005	<0.005		
4/29/2011	<0.005				<0.005
4/30/2011		<0.005	<0.005	0.13 (O)	
10/27/2011				0.03	<0.005
10/28/2011	<0.005				
10/29/2011		<0.005	<0.005		
5/3/2012					<0.005
5/4/2012	<0.005	<0.005	<0.005	0.029	
11/10/2012	<0.005	<0.005	<0.005		
11/11/2012				0.046	<0.005
5/9/2013	<0.005	<0.005	<0.005		<0.005
5/10/2013				0.23 (O)	
11/6/2013	<0.005				<0.005
11/7/2013		<0.005	<0.005	0.028	
5/21/2014		<0.005	<0.005	0.015 (J)	<0.005
5/22/2014	<0.005				
11/9/2014	<0.005	<0.005			
11/12/2014			<0.005		<0.005
11/13/2014				0.13 (O)	
5/23/2015				0.059	<0.005
5/24/2015	<0.005	<0.005	<0.005		
11/11/2015	0.0089 (J)	<0.005	<0.005	0.079	
11/12/2015					<0.005
4/12/2016		<0.005			
4/13/2016			<0.005 (D)		<0.005 (D)
4/19/2016	0.0133 (O)			0.0218	
10/6/2016	<0.005	<0.005	<0.005		<0.005
10/10/2016				0.013 (J)	
4/6/2017	0.0087 (J)	<0.005			<0.005
4/7/2017			<0.005	<0.005	
10/5/2017	0.0078 (J)				<0.005
10/6/2017		<0.005	<0.005		
10/9/2017				<0.005	
3/21/2018		<0.005			<0.005
3/22/2018	0.0086 (J)		<0.005	<0.005	
10/2/2018					<0.005
10/3/2018	<0.005	<0.005			
10/4/2018			<0.005	<0.005	
3/26/2019		<0.005			
3/27/2019	<0.005		<0.005	<0.005	<0.005
9/11/2019	0.0074	0.0062	0.0074	0.0052	0.0037 (J)
3/18/2020	0.0045 (J)	<0.005		<0.005	<0.005
3/19/2020			<0.005		
9/9/2020	<0.005			<0.005	<0.005

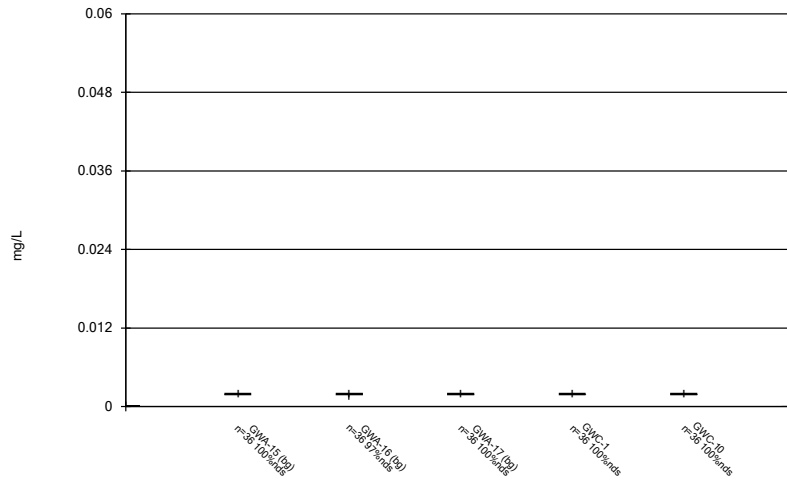
Time Series

Constituent: Zinc (mg/L) Analysis Run 6/24/2024 1:09 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
9/10/2020		<0.005	<0.005		
4/1/2021	<0.005		<0.005		<0.005
4/5/2021		<0.005		<0.005	
8/11/2021		<0.005	<0.005		
8/12/2021	0.0034 (J)			<0.005	<0.005
2/15/2022	0.0034 (J)	<0.005	0.0037 (J)	<0.005	<0.005
8/25/2022	<0.005	<0.005	<0.005	<0.005	<0.005
2/27/2023		<0.005	<0.005	0.016	<0.005
2/28/2023	<0.005				
8/8/2023	<0.005	<0.005	<0.005	<0.005	<0.005
2/29/2024	<0.005	<0.005	<0.005	<0.005	
3/1/2024					<0.005

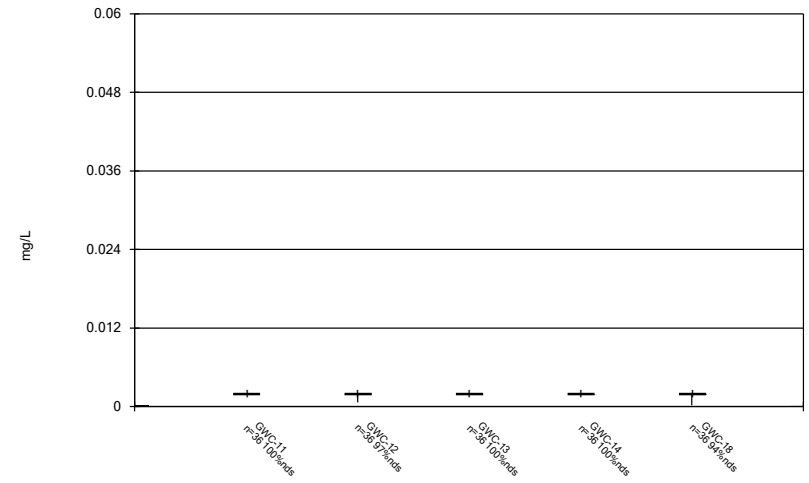
FIGURE B.

Box & Whiskers Plot



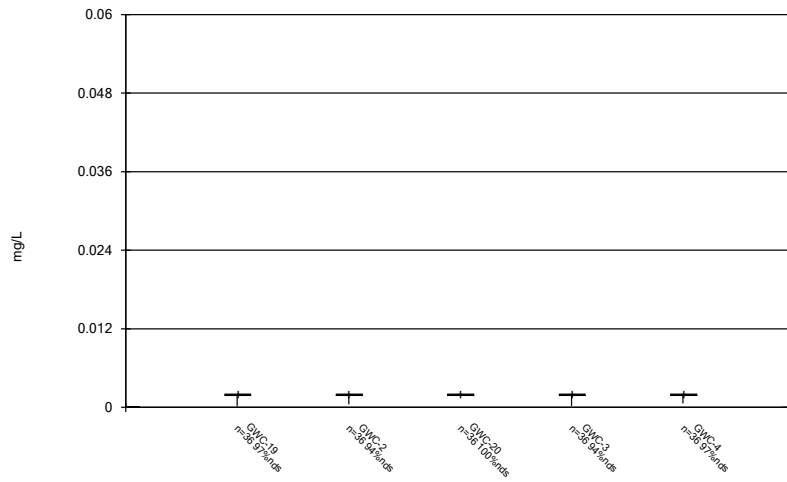
Constituent: Antimony, Total Analysis Run 6/24/2024 1:12 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



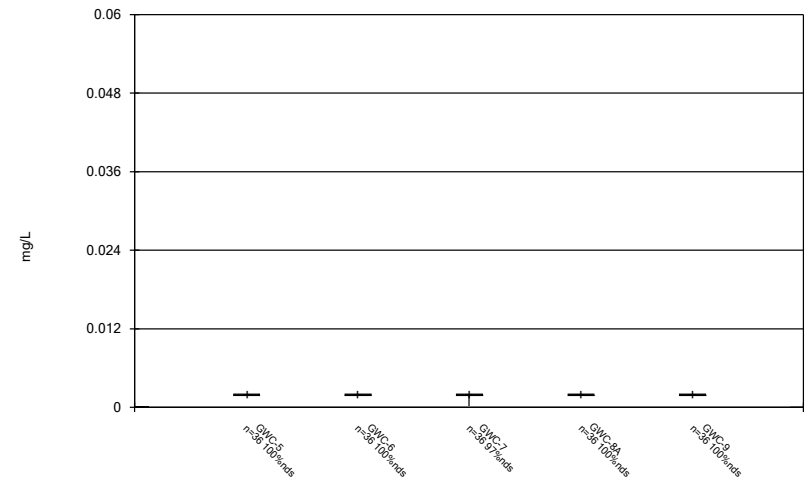
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



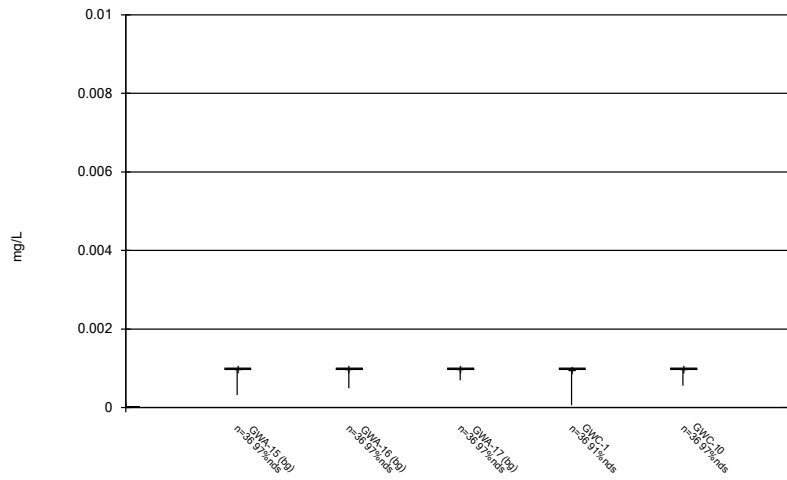
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



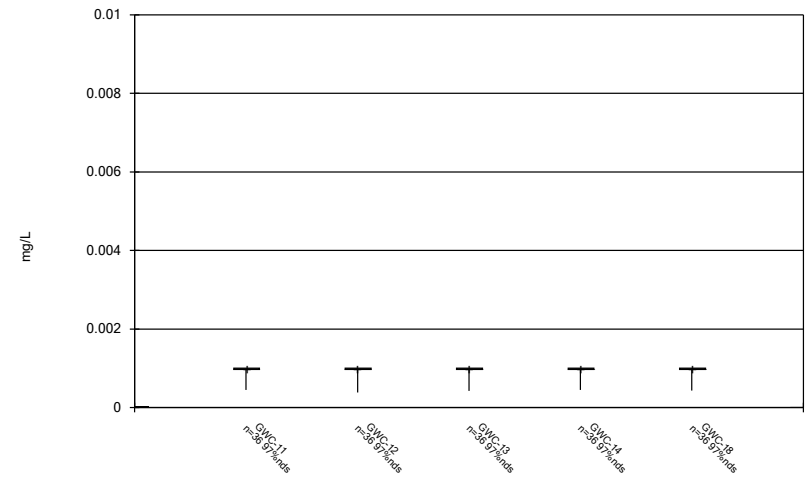
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



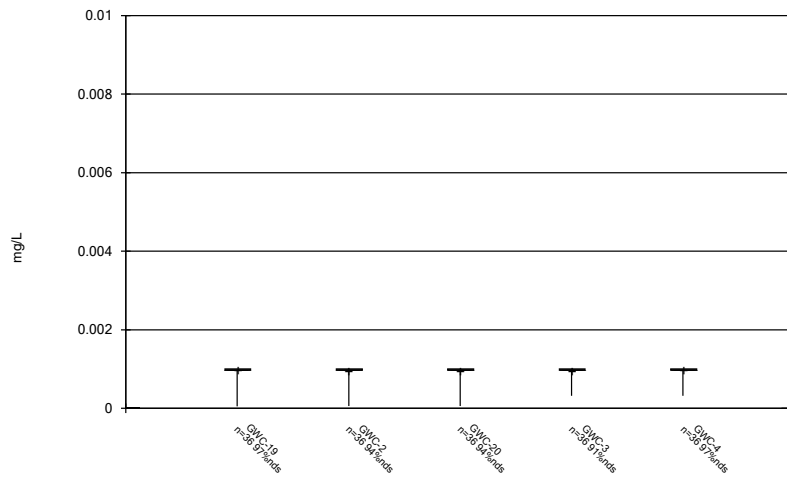
Constituent: Arsenic, Total Analysis Run 6/24/2024 1:12 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



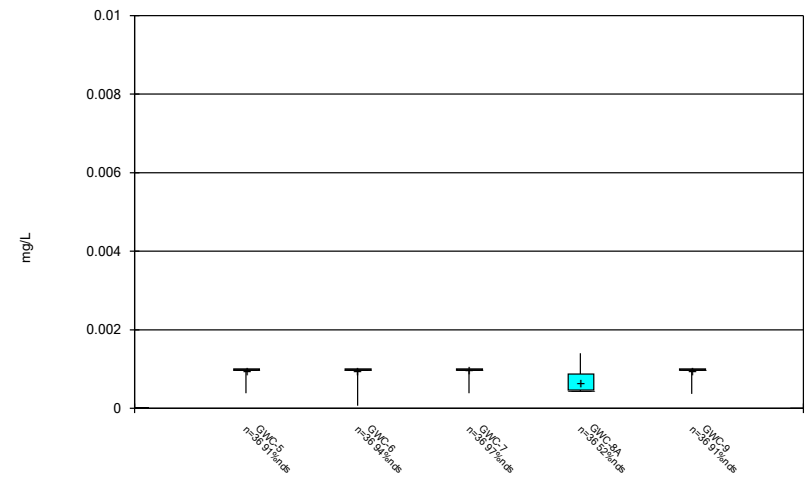
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



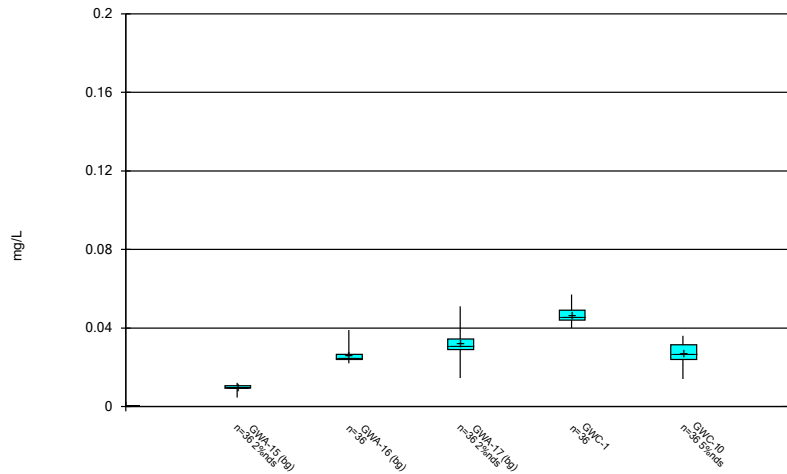
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



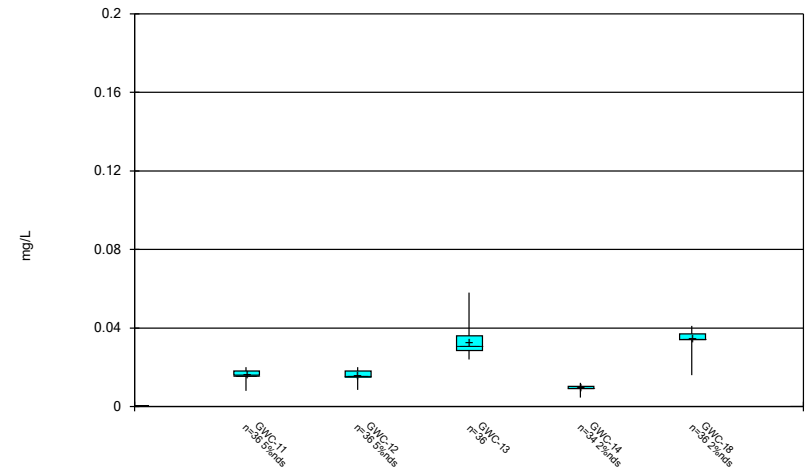
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



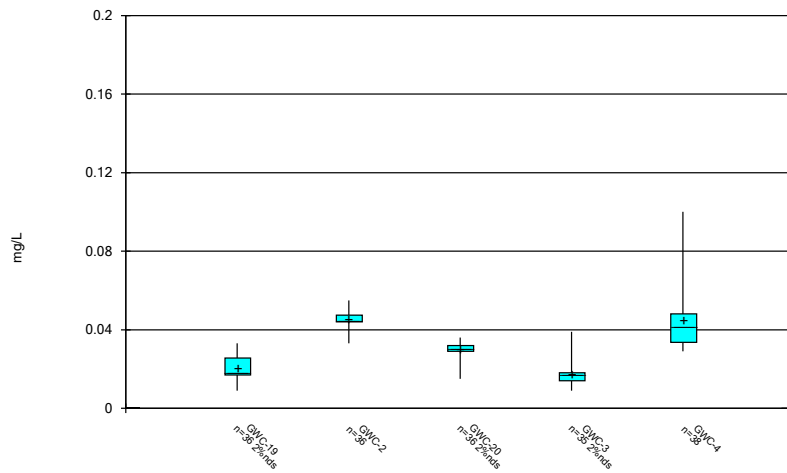
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



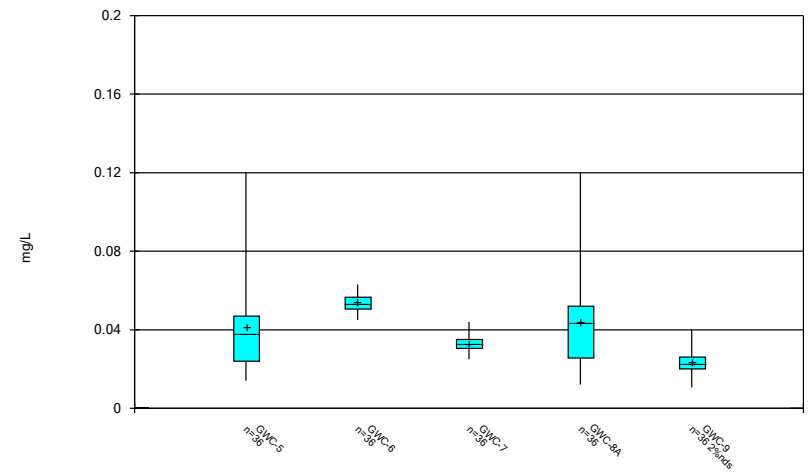
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



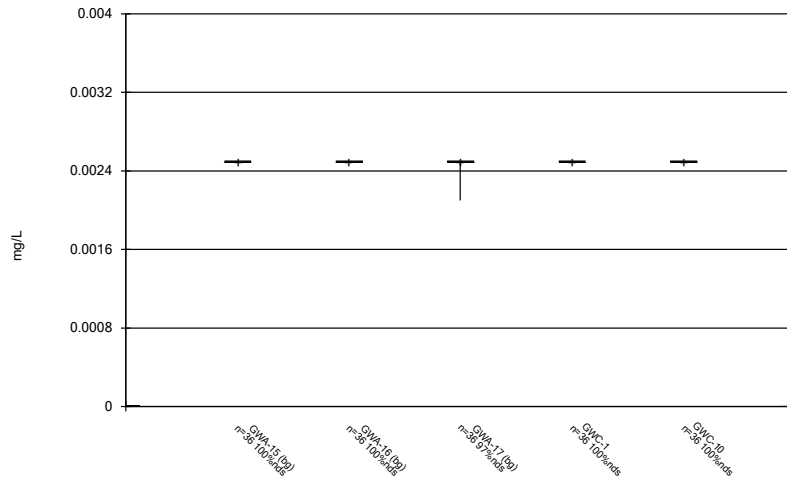
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



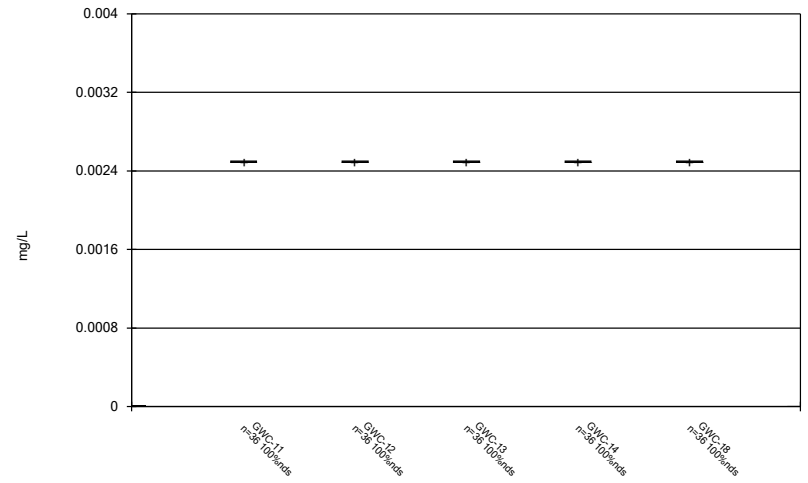
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



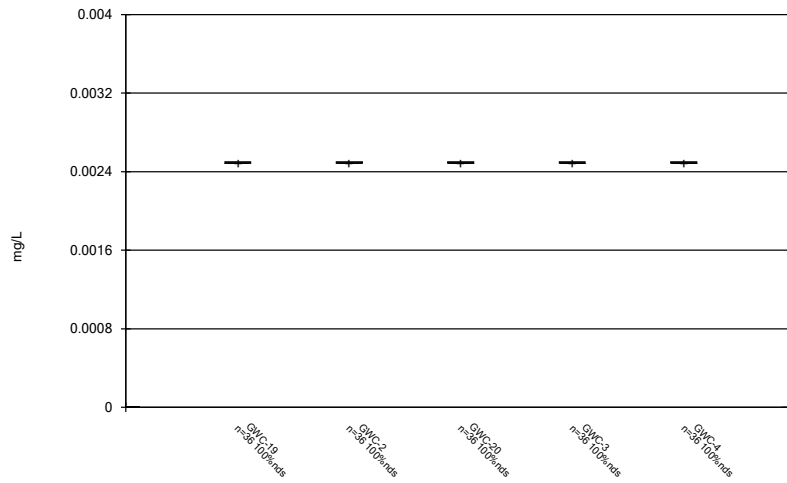
Constituent: Beryllium, Total Analysis Run 6/24/2024 1:12 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



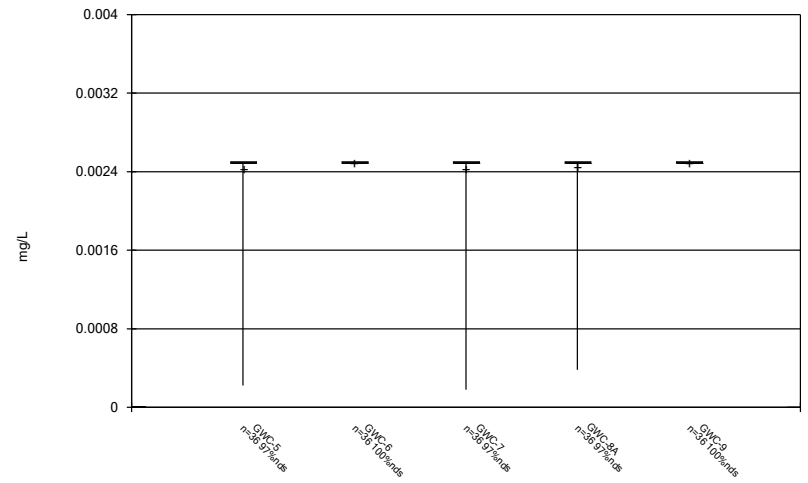
Constituent: Beryllium, Total Analysis Run 6/24/2024 1:12 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



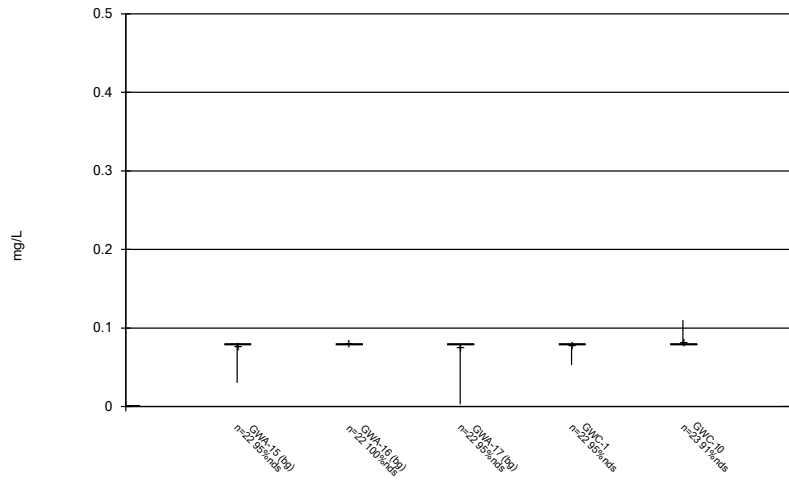
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Box & Whiskers Plot



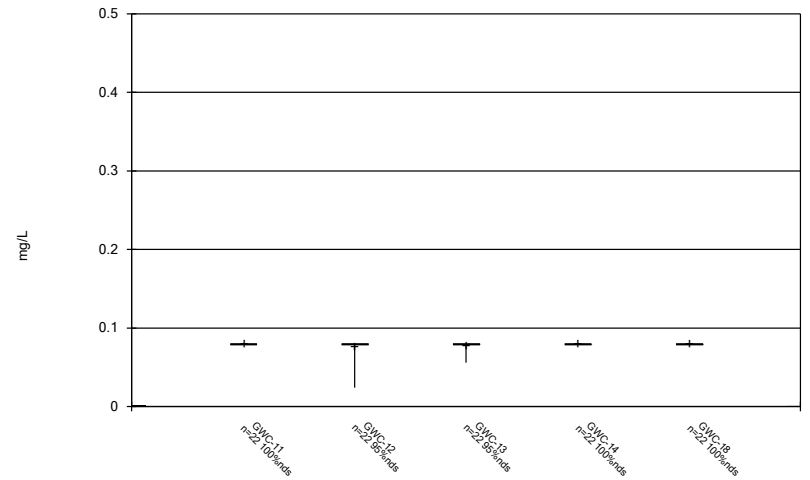
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Box & Whiskers Plot



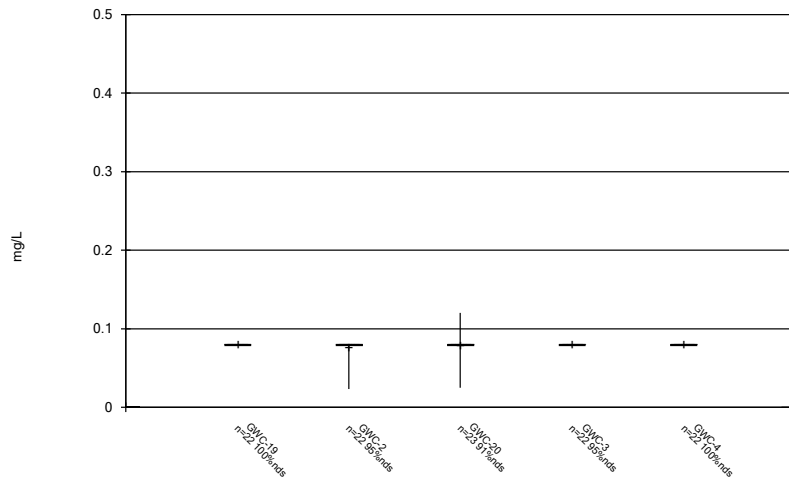
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Box & Whiskers Plot



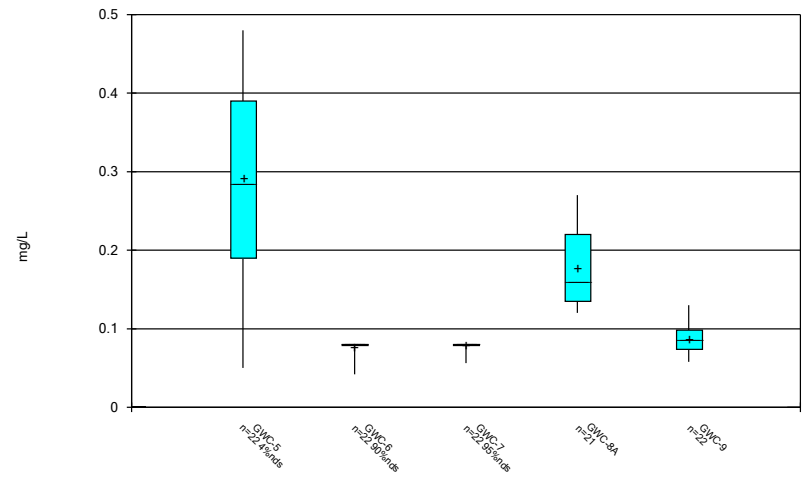
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Box & Whiskers Plot



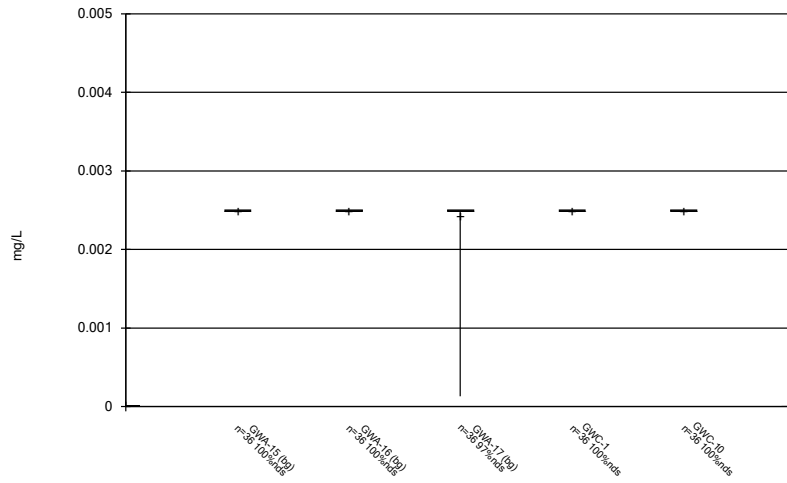
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Box & Whiskers Plot



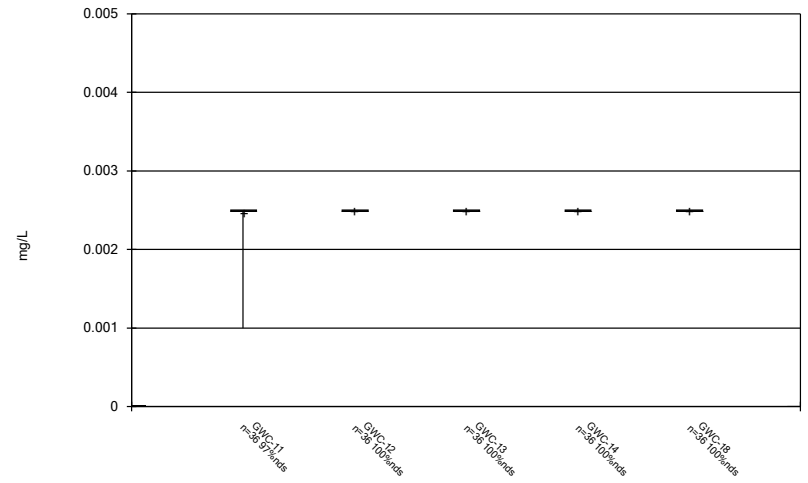
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Box & Whiskers Plot



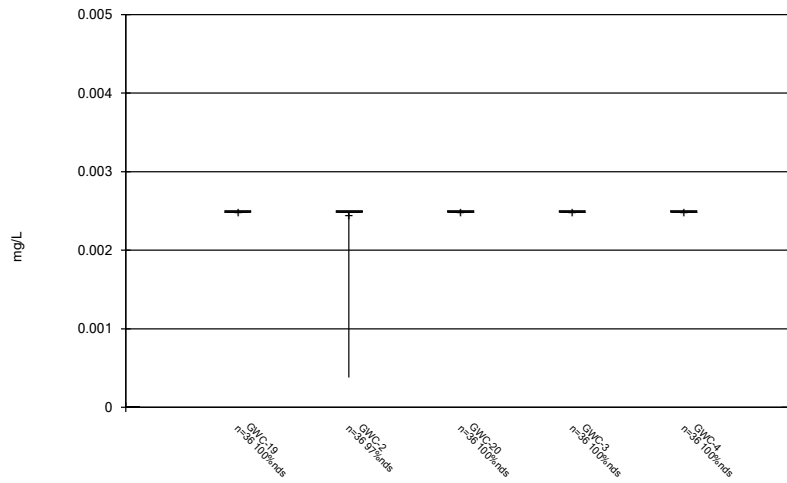
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Box & Whiskers Plot



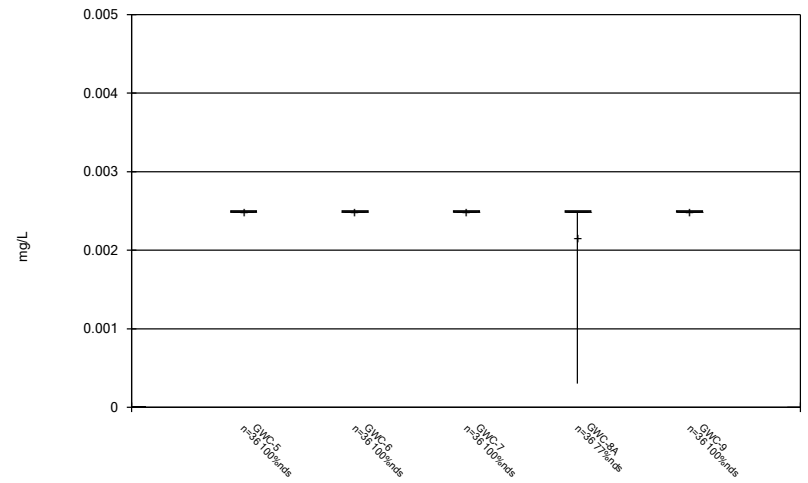
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Box & Whiskers Plot



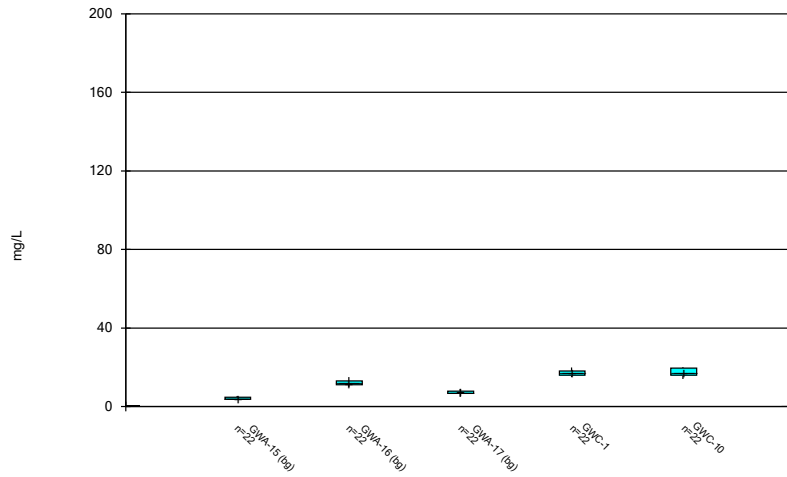
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Box & Whiskers Plot



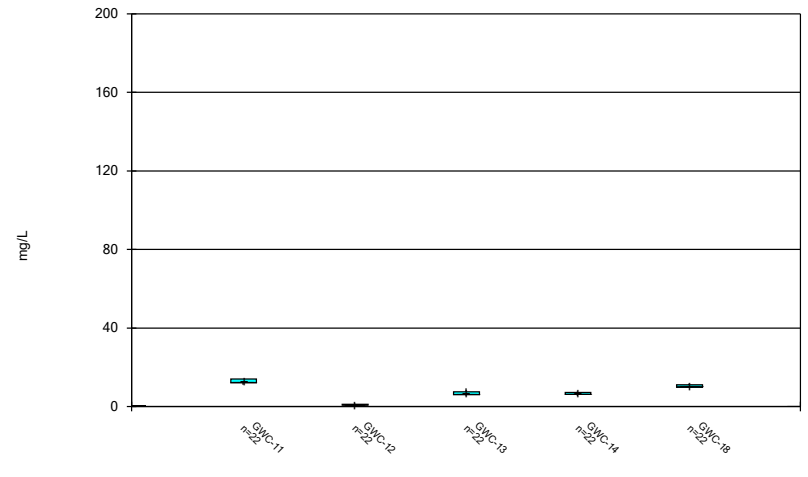
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Box & Whiskers Plot



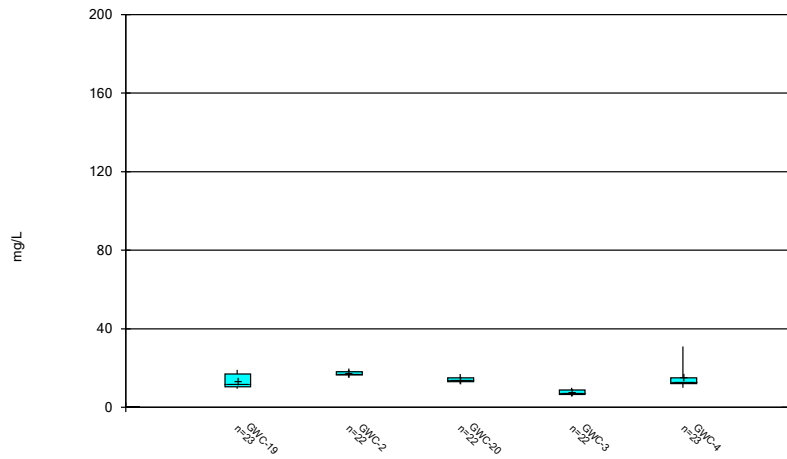
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Box & Whiskers Plot



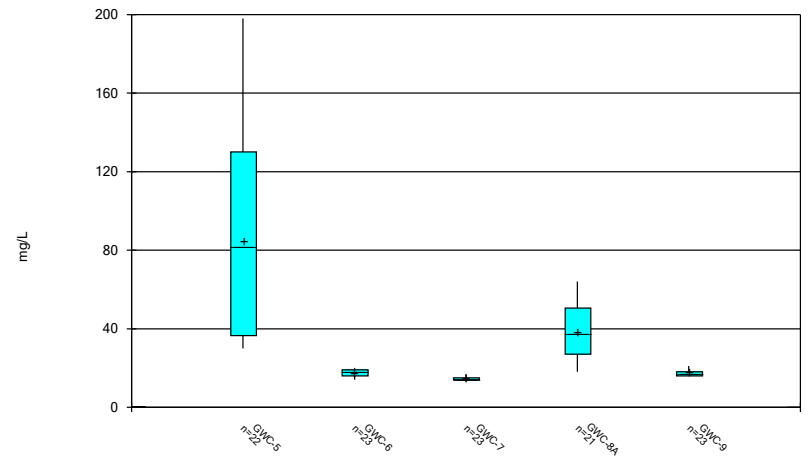
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Box & Whiskers Plot



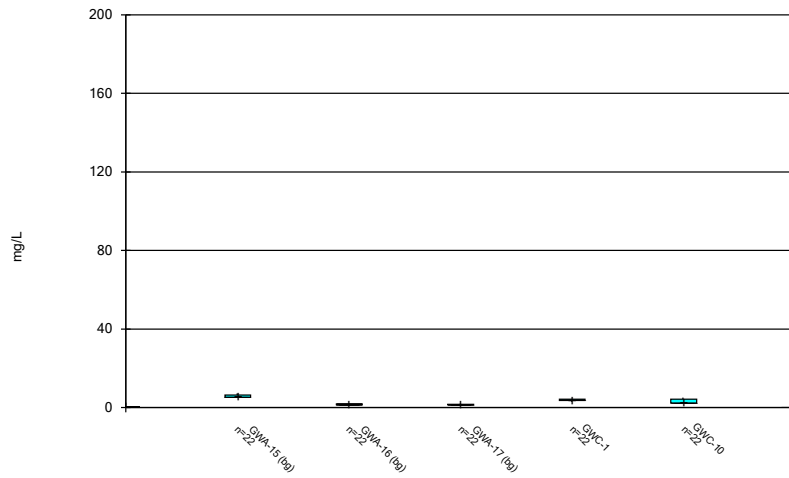
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Box & Whiskers Plot



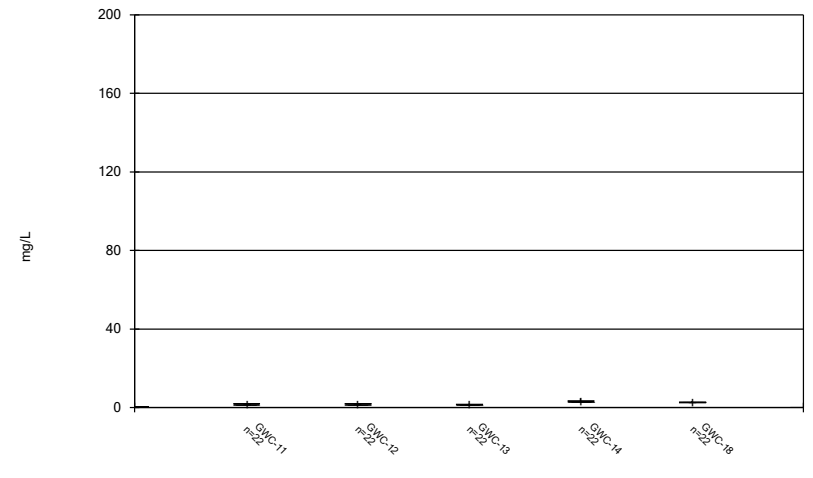
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Box & Whiskers Plot



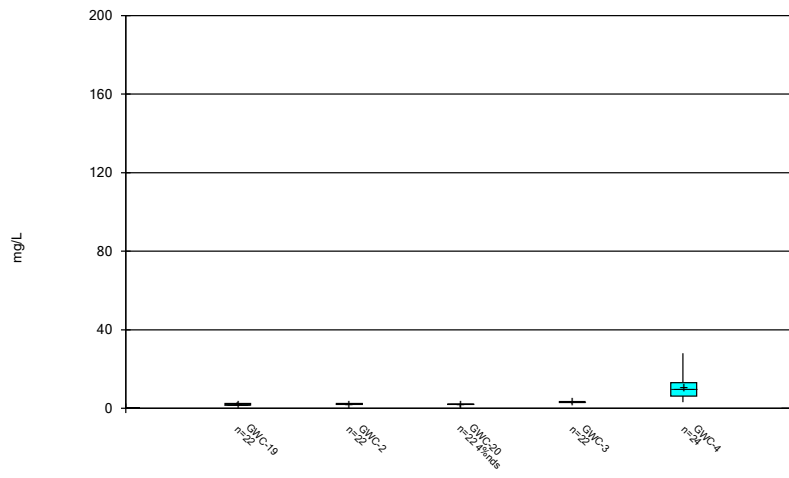
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Box & Whiskers Plot



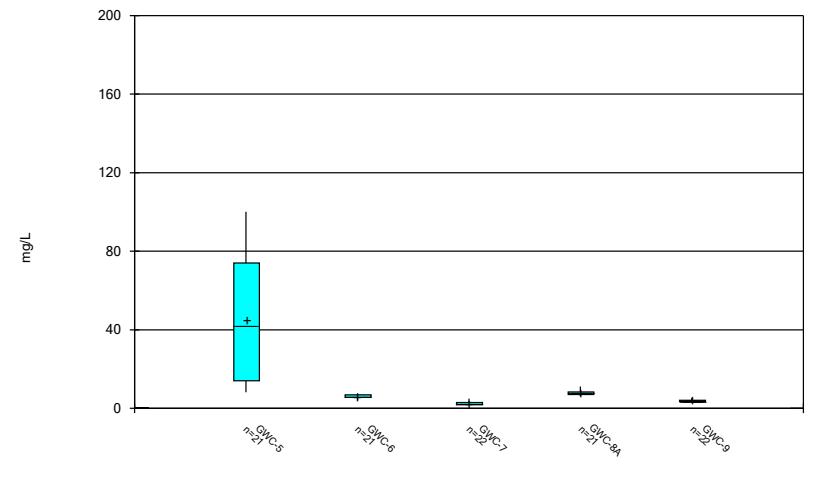
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Box & Whiskers Plot



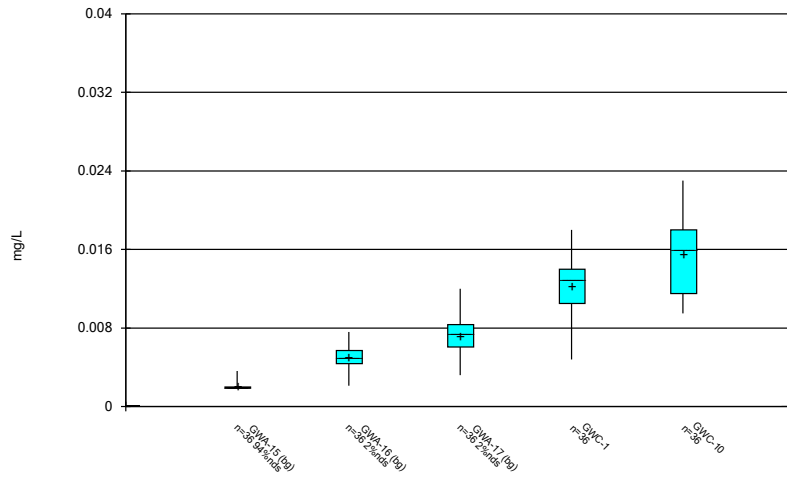
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Box & Whiskers Plot



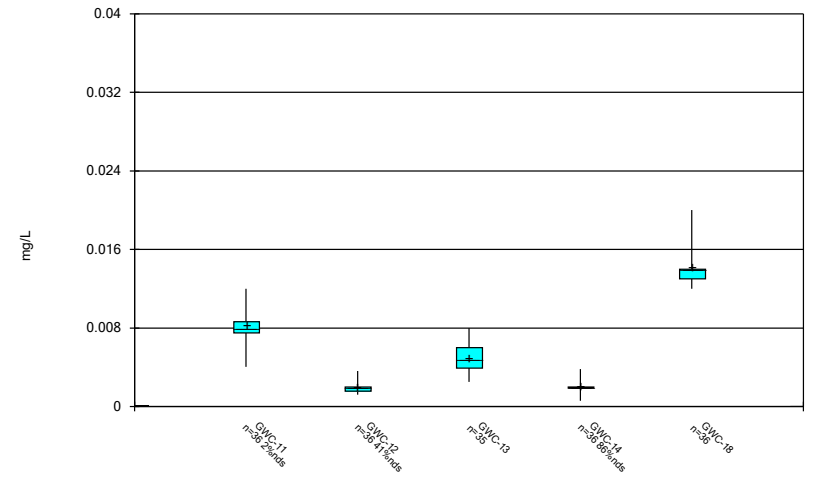
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Box & Whiskers Plot



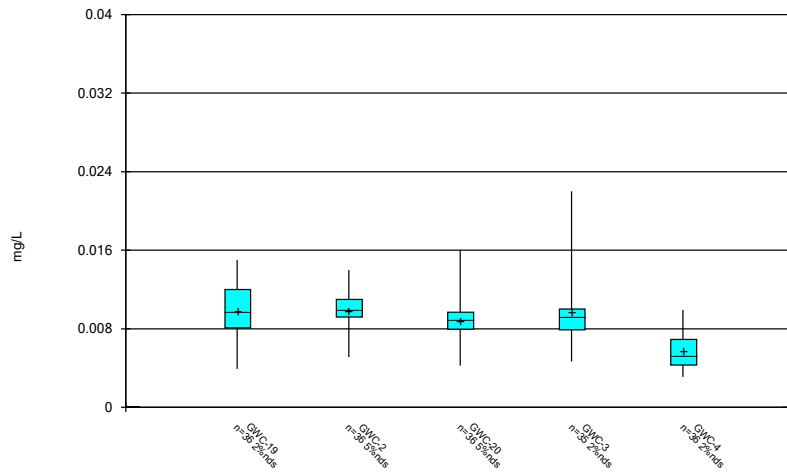
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Box & Whiskers Plot



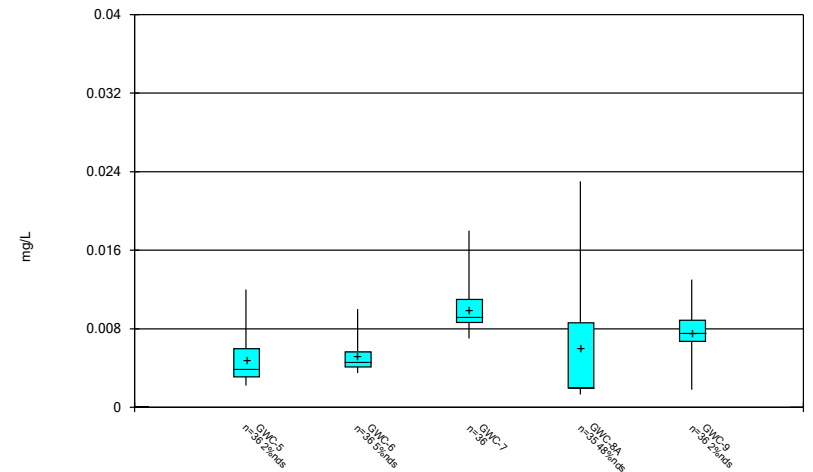
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Box & Whiskers Plot



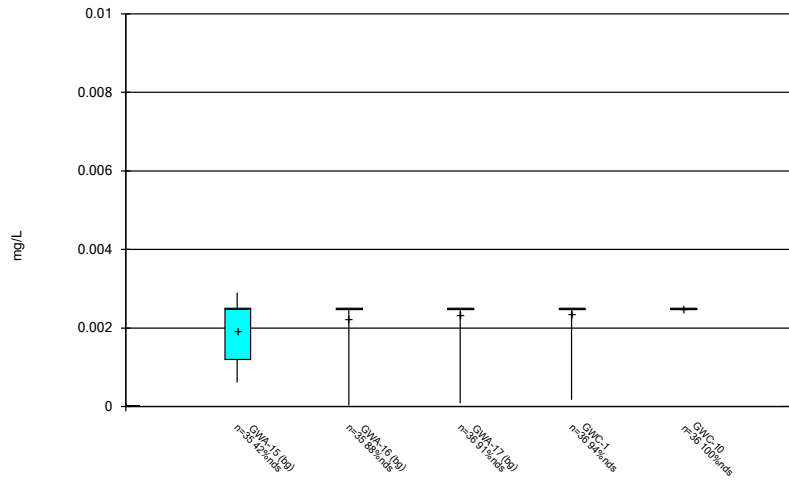
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Box & Whiskers Plot



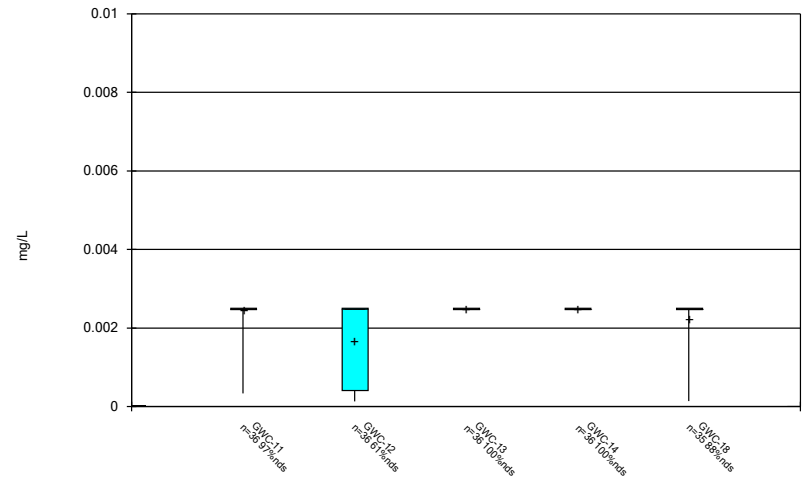
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Box & Whiskers Plot



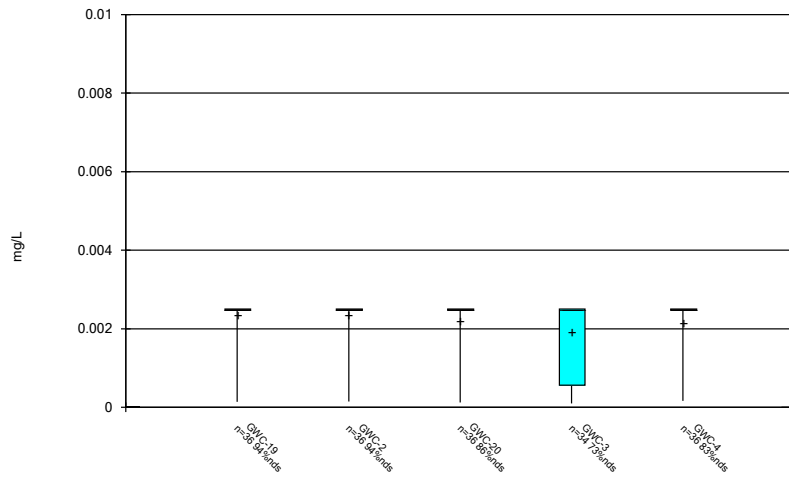
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Box & Whiskers Plot



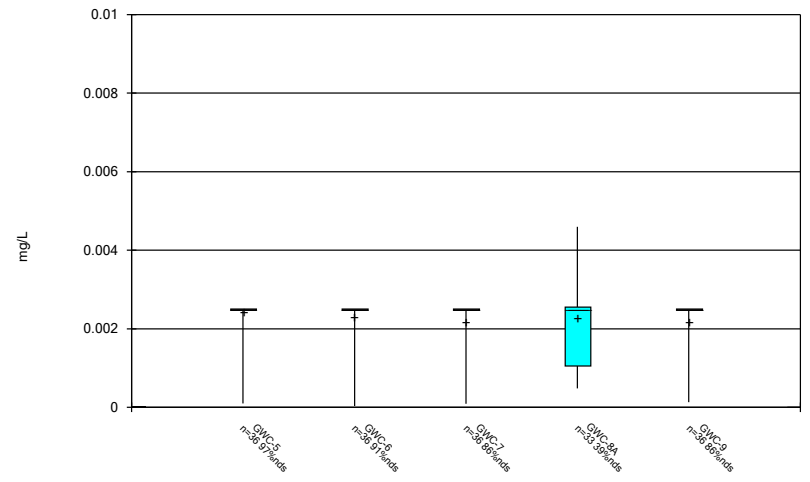
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Box & Whiskers Plot



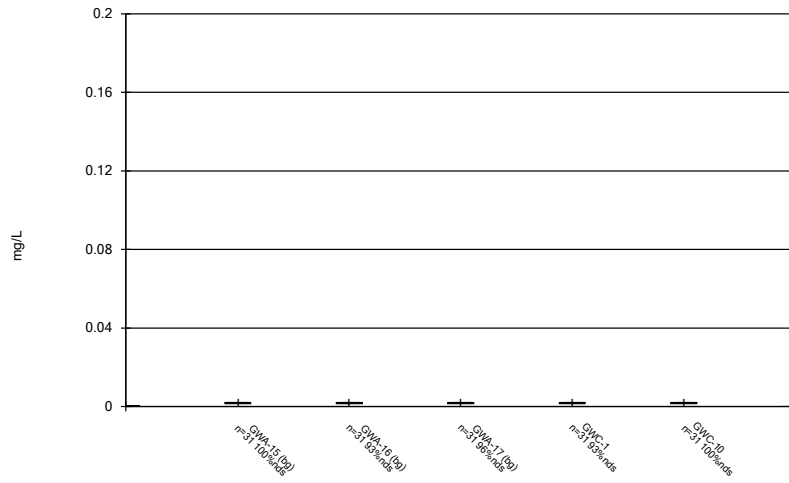
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Box & Whiskers Plot



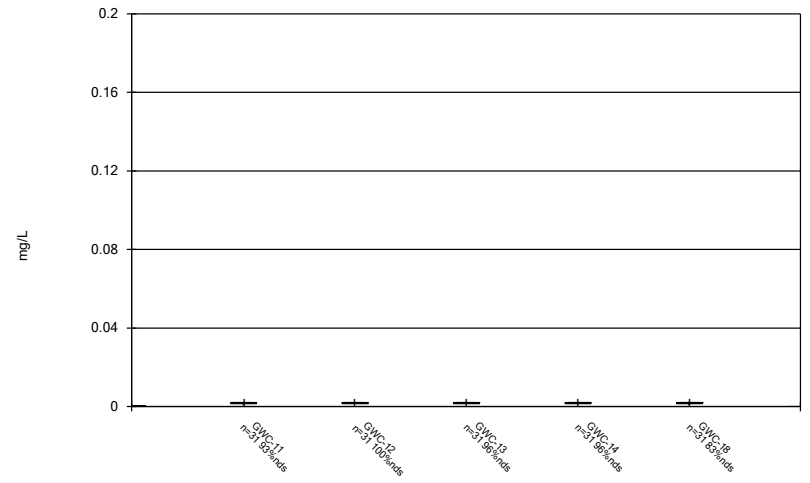
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Box & Whiskers Plot



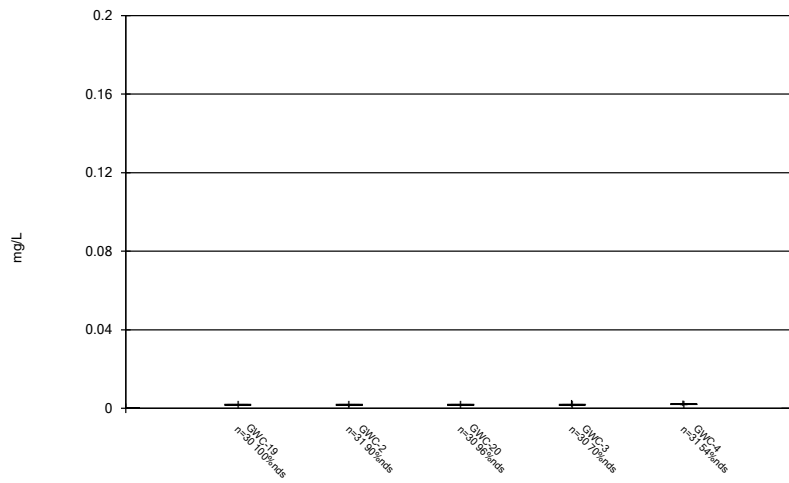
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Box & Whiskers Plot



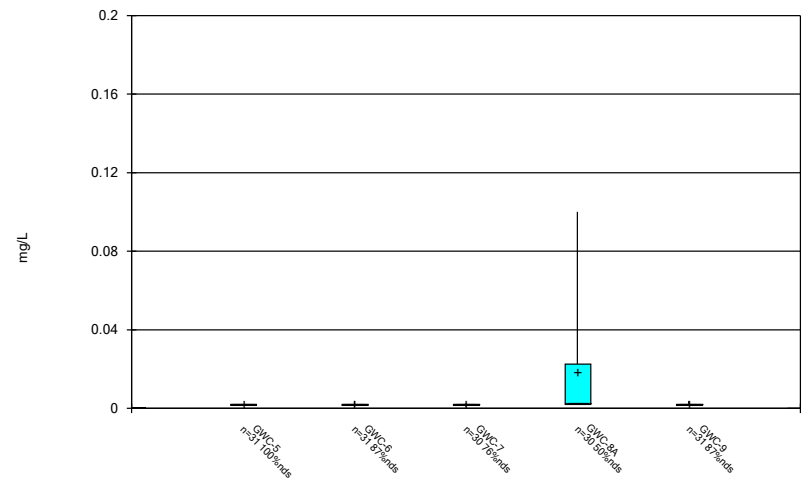
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Box & Whiskers Plot



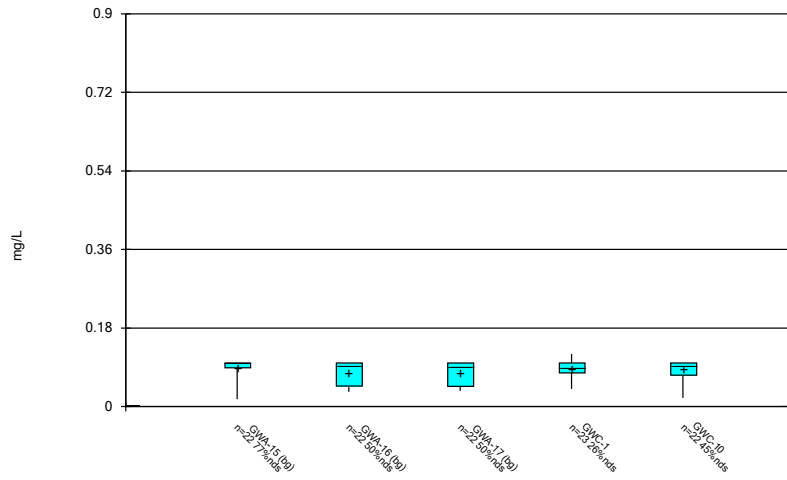
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Box & Whiskers Plot



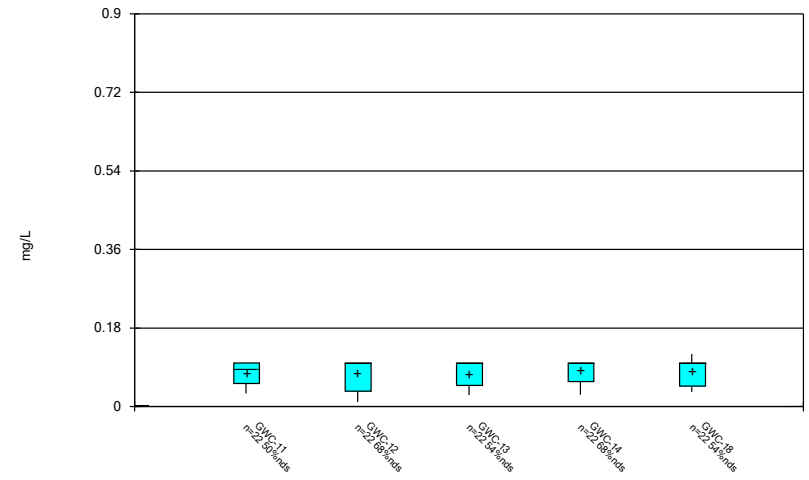
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Box & Whiskers Plot



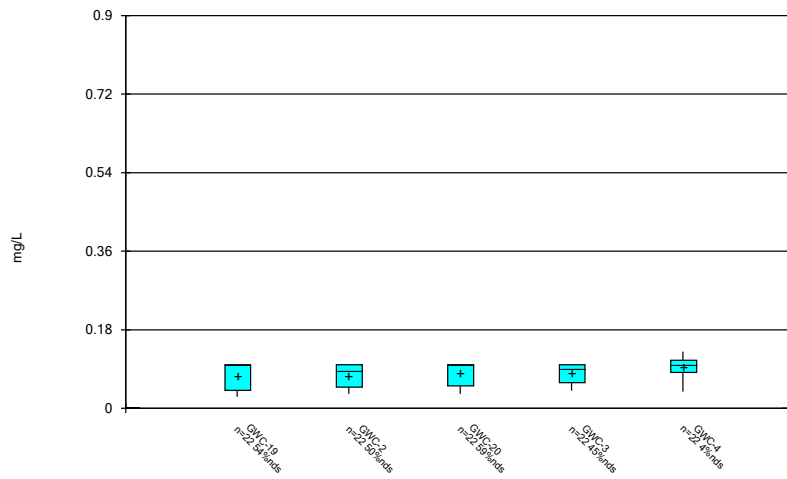
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Box & Whiskers Plot



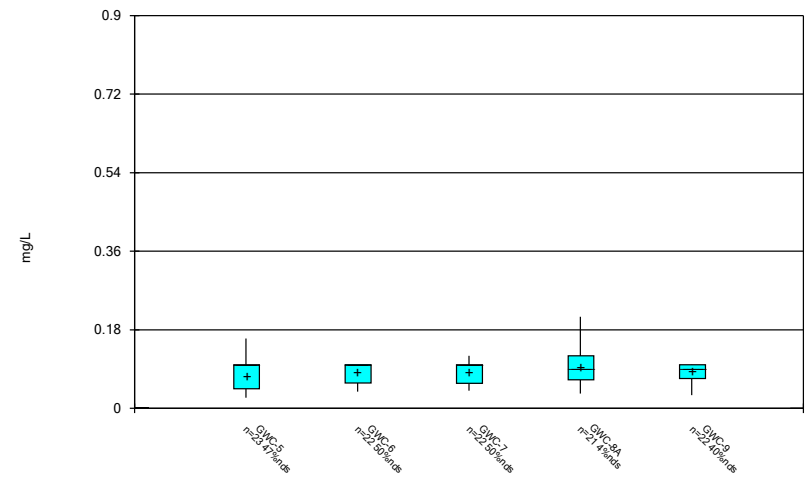
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Box & Whiskers Plot



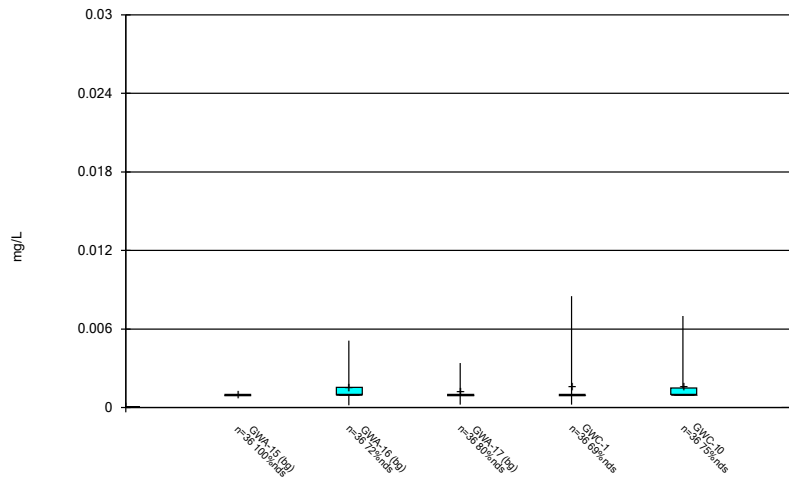
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Box & Whiskers Plot



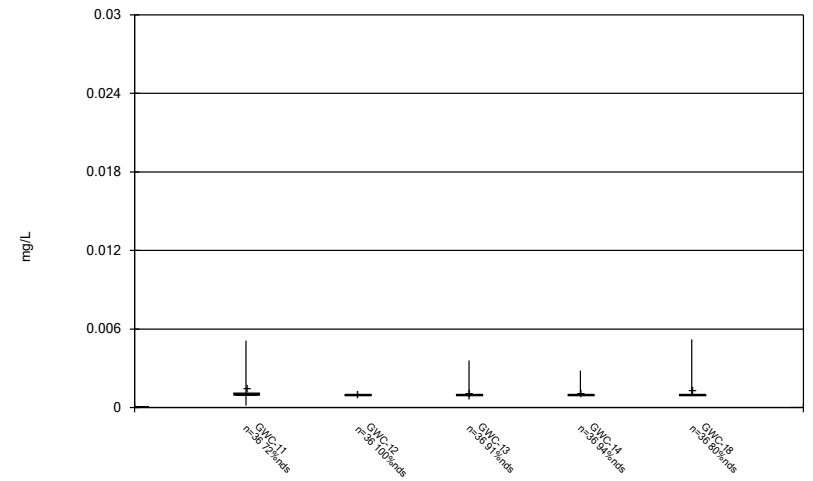
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Box & Whiskers Plot



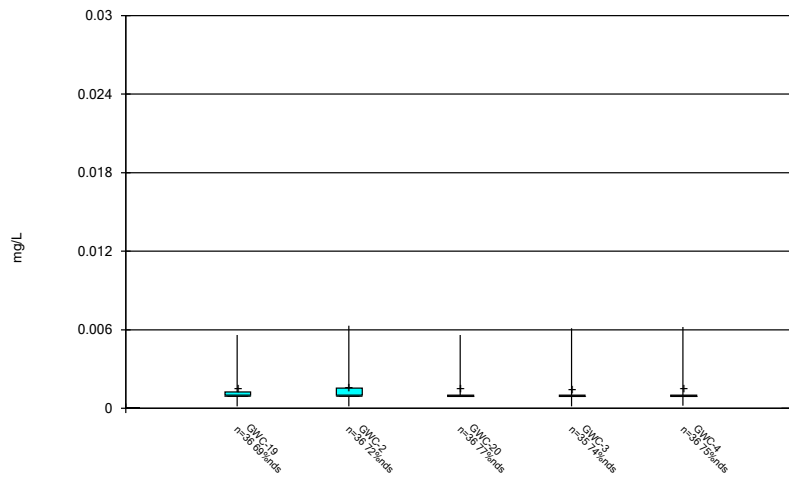
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Box & Whiskers Plot



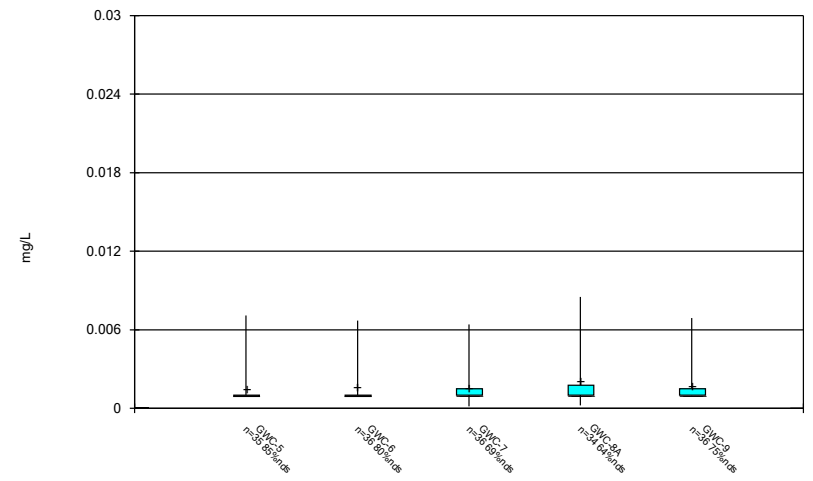
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Box & Whiskers Plot



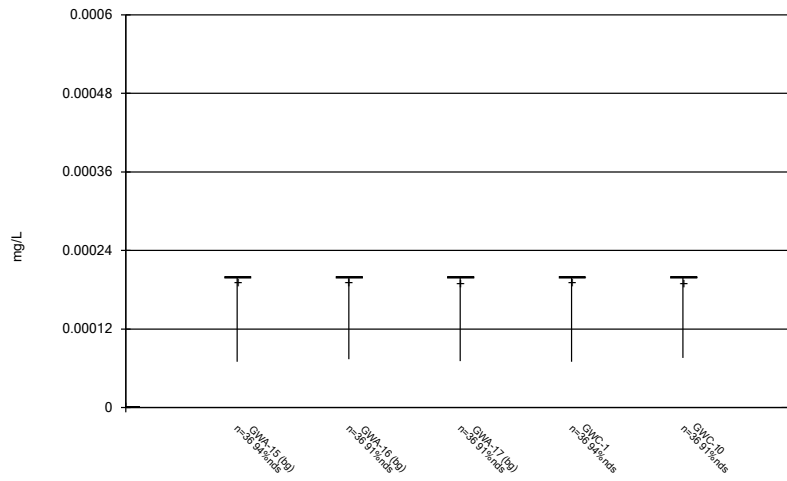
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Box & Whiskers Plot



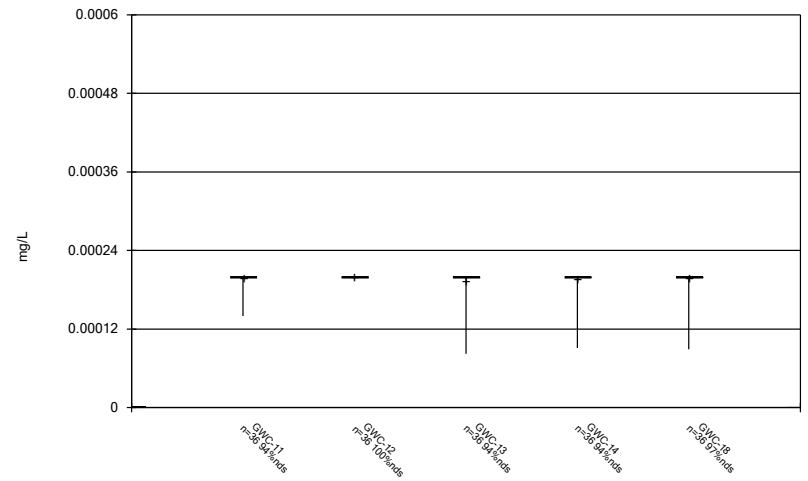
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Box & Whiskers Plot



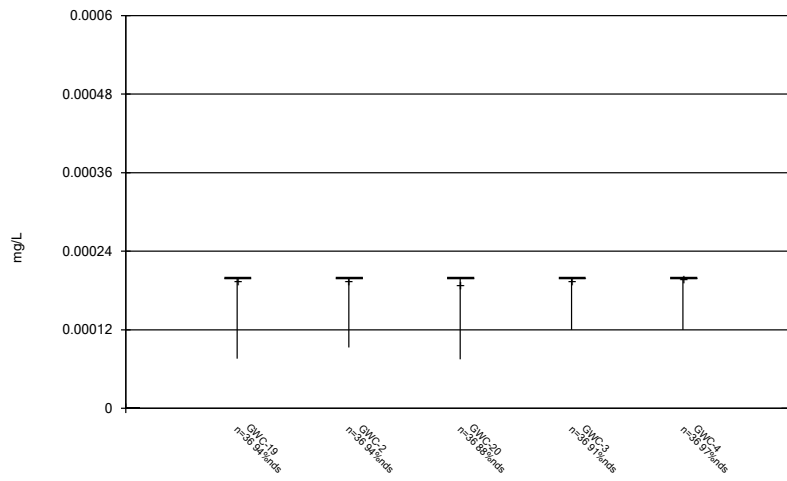
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Box & Whiskers Plot



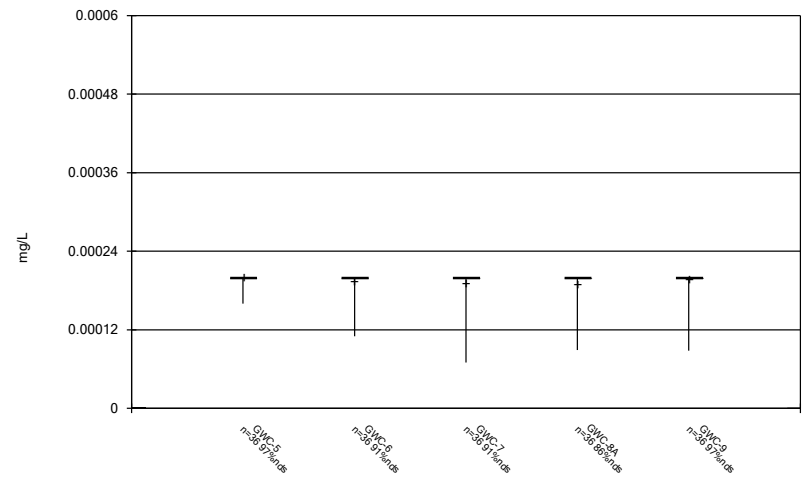
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Box & Whiskers Plot



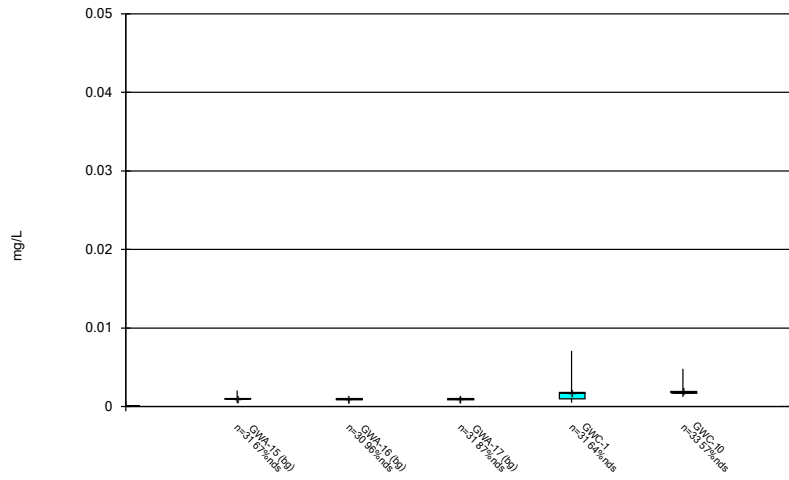
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Box & Whiskers Plot



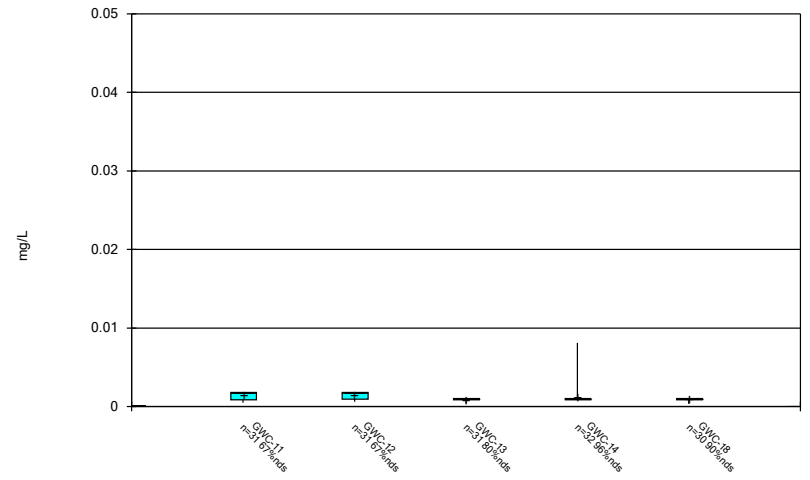
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Box & Whiskers Plot



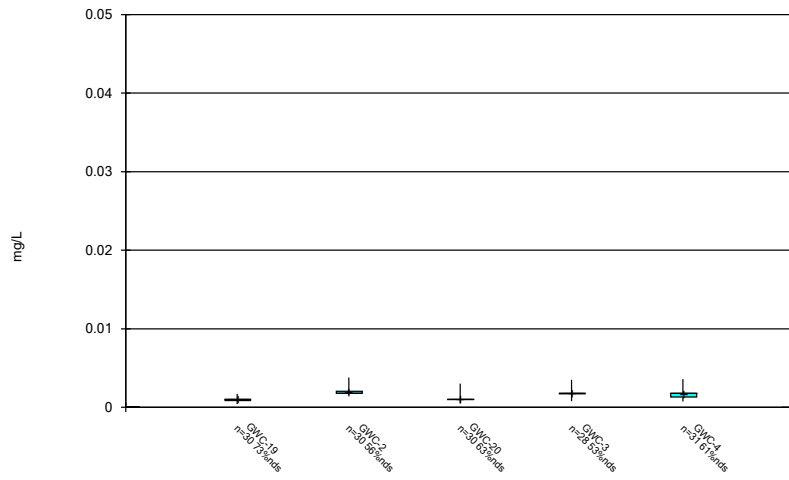
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Box & Whiskers Plot



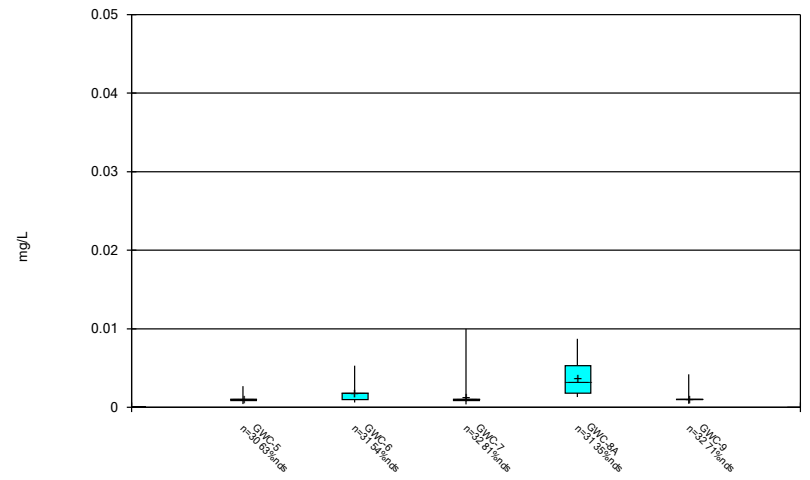
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Box & Whiskers Plot



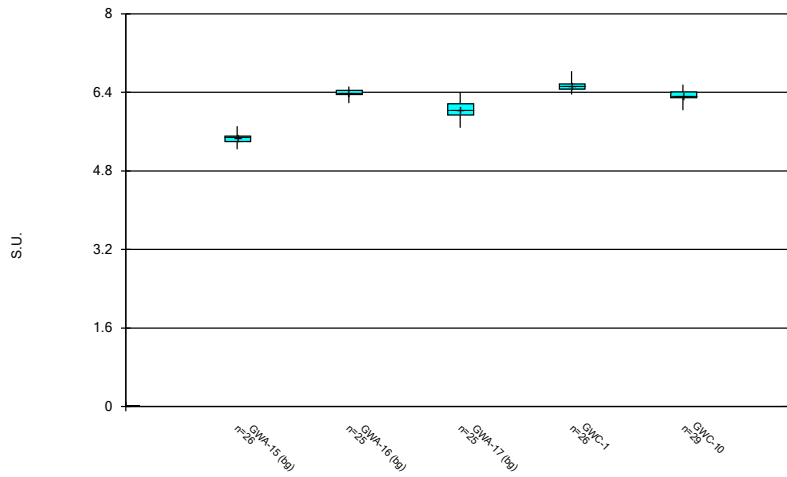
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Box & Whiskers Plot



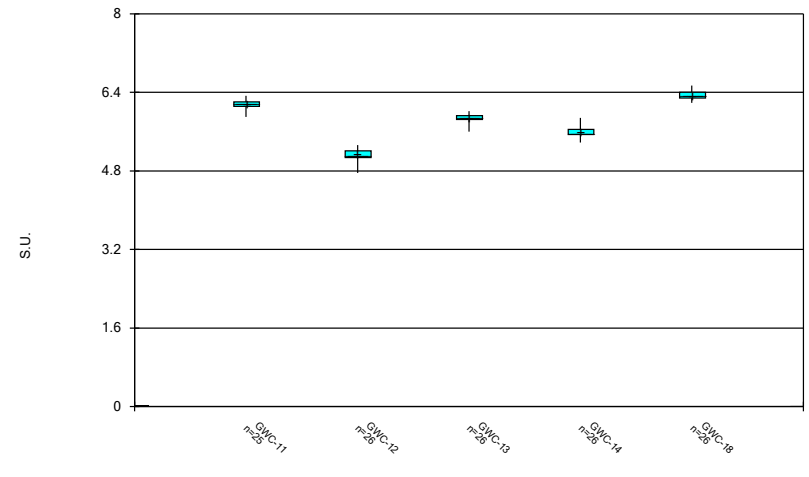
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Box & Whiskers Plot



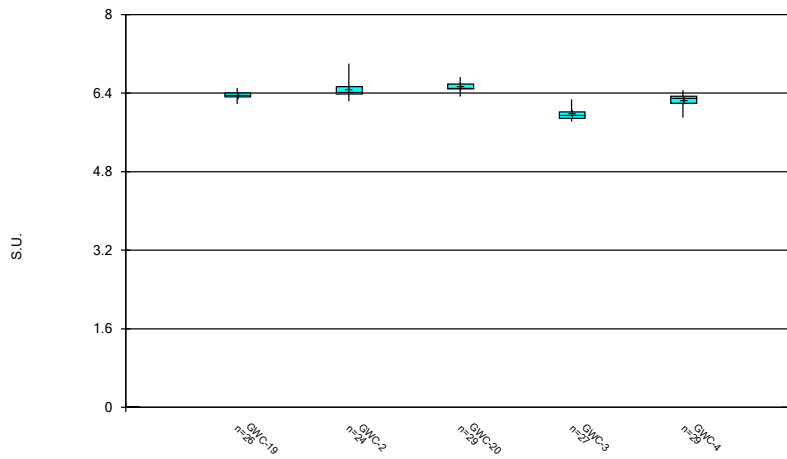
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Box & Whiskers Plot



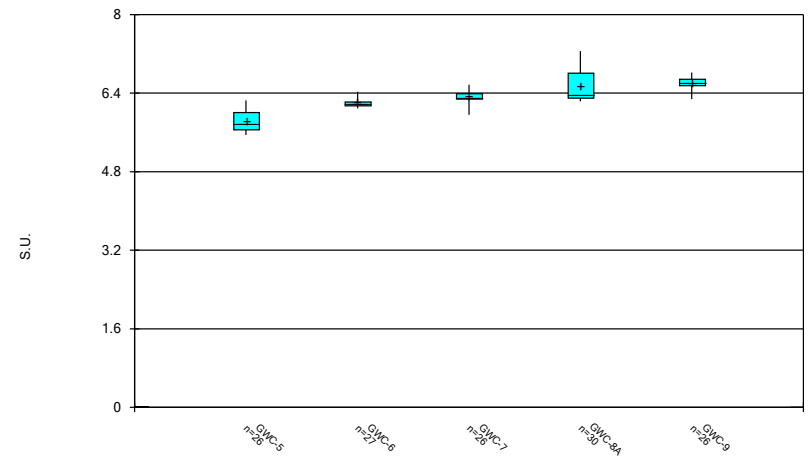
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Box & Whiskers Plot



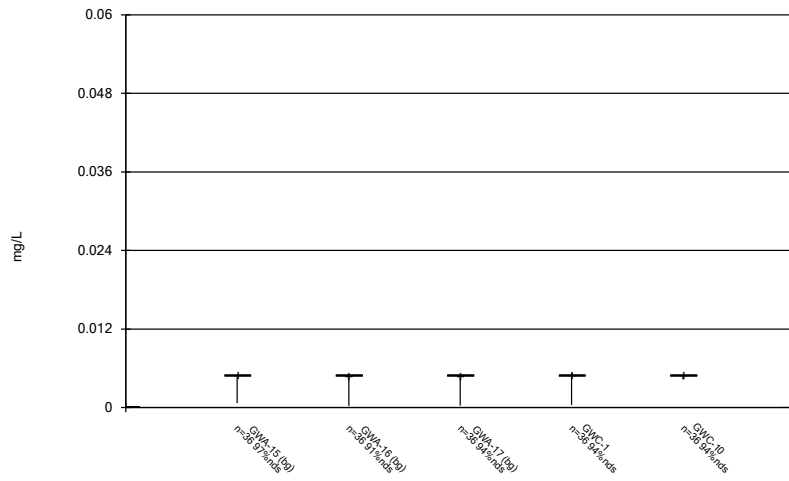
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Box & Whiskers Plot



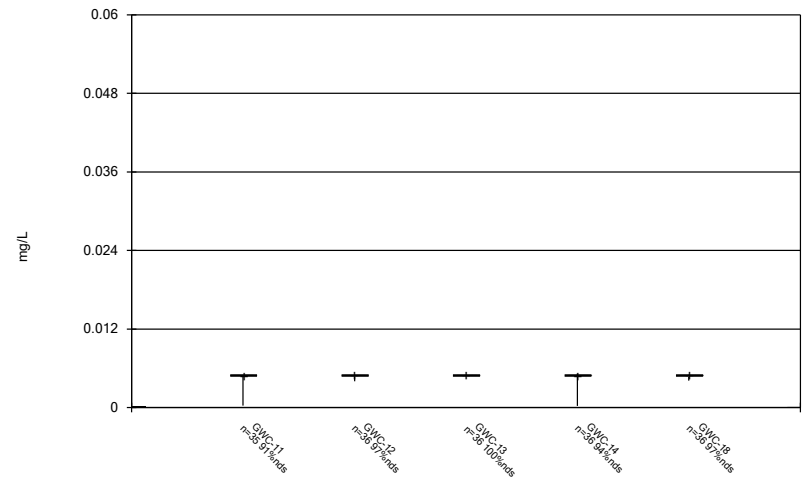
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



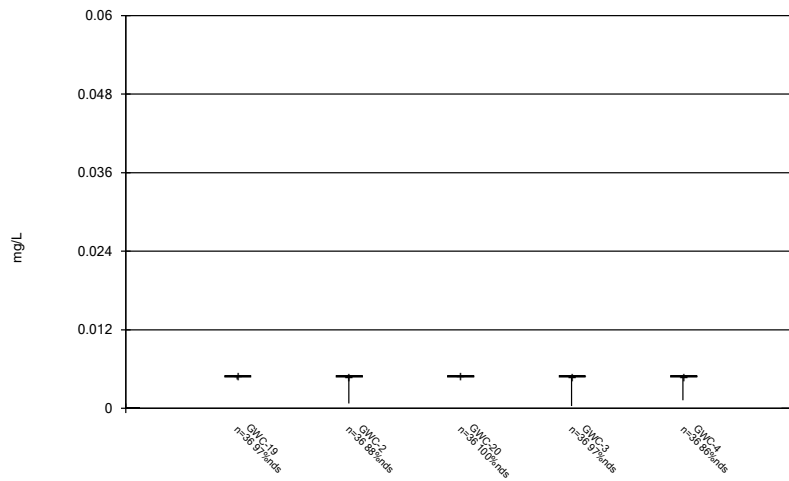
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Box & Whiskers Plot



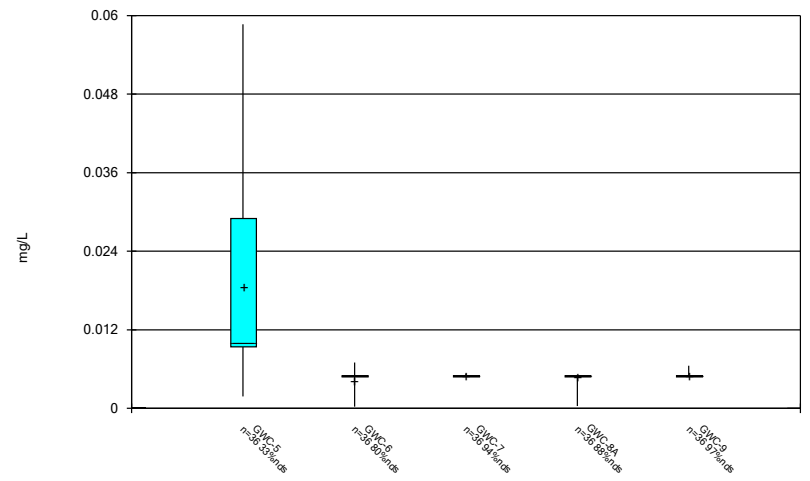
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Box & Whiskers Plot



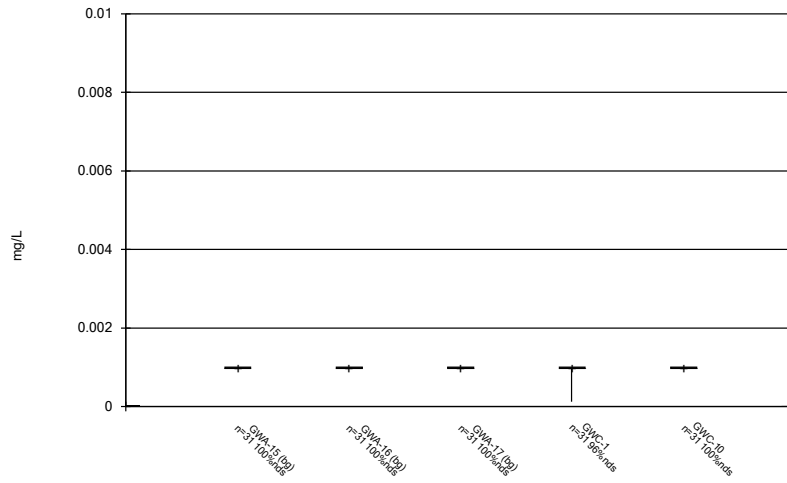
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Box & Whiskers Plot



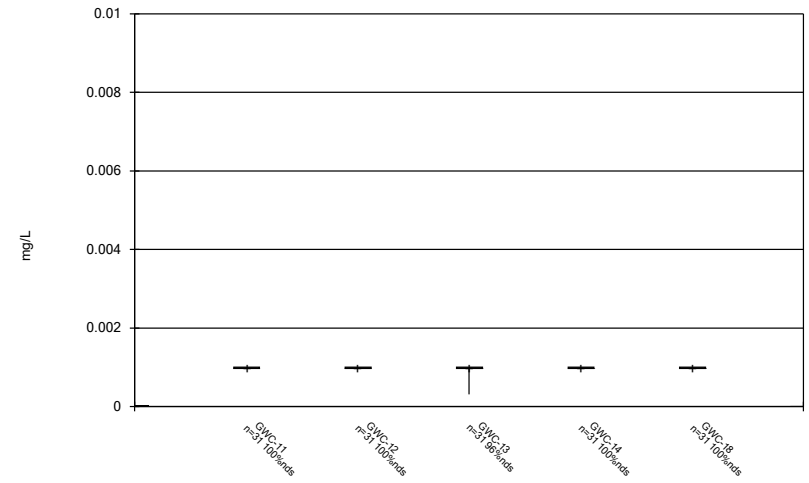
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Box & Whiskers Plot



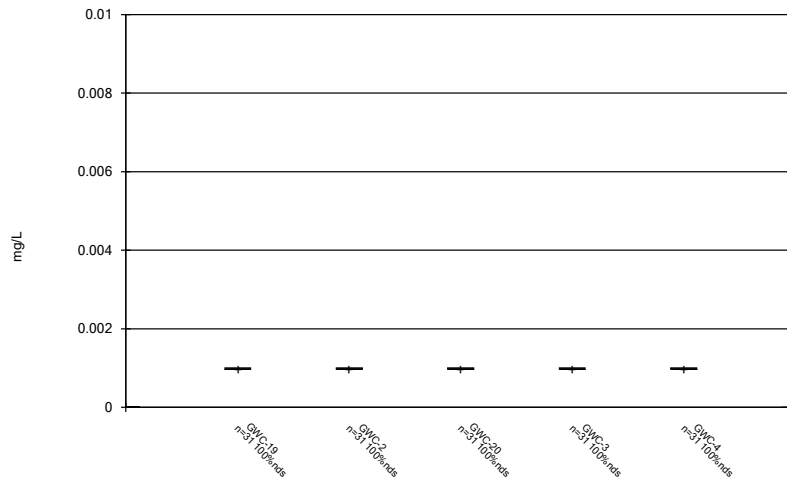
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



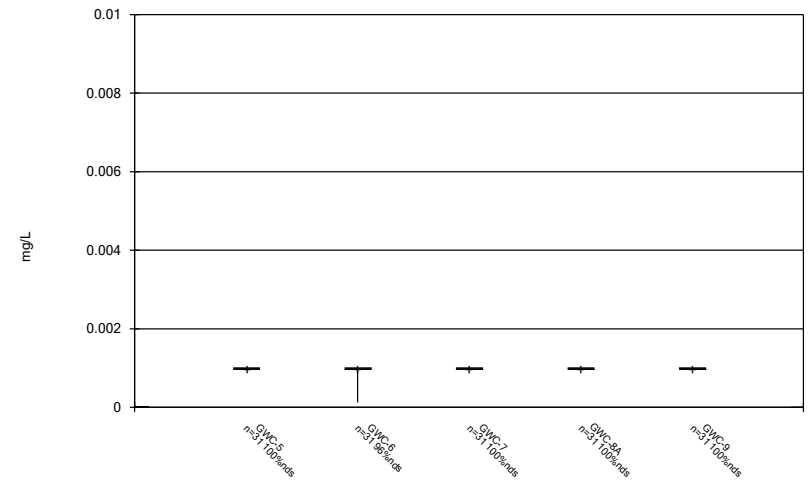
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Box & Whiskers Plot



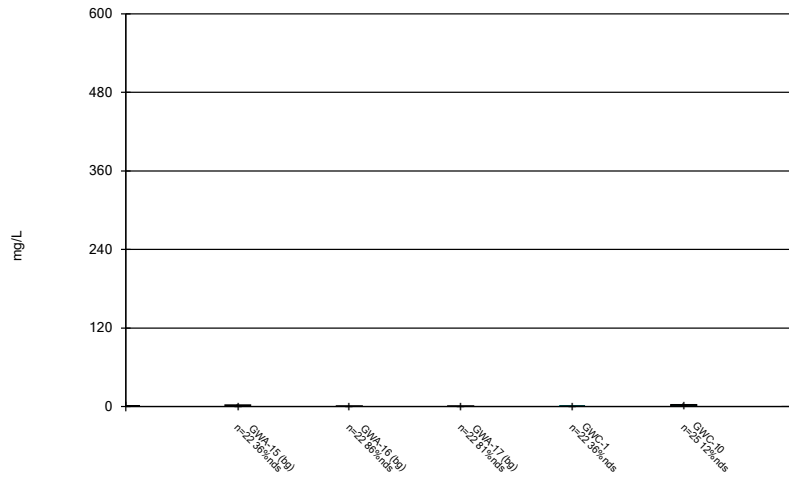
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Box & Whiskers Plot



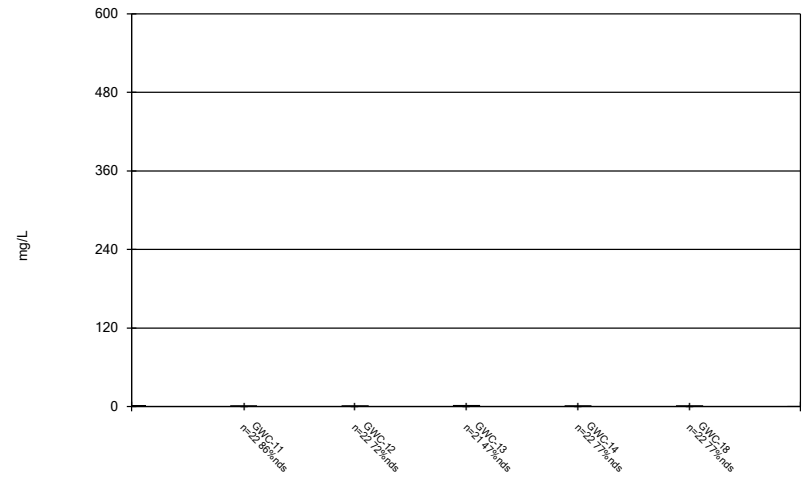
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Box & Whiskers Plot



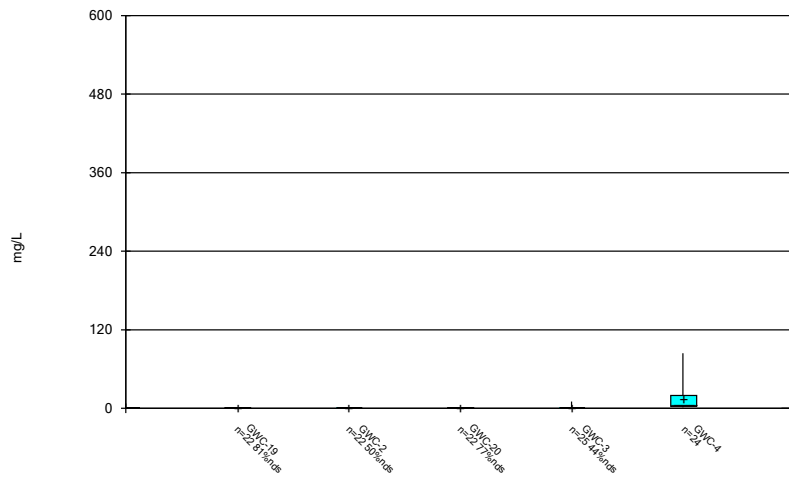
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Box & Whiskers Plot



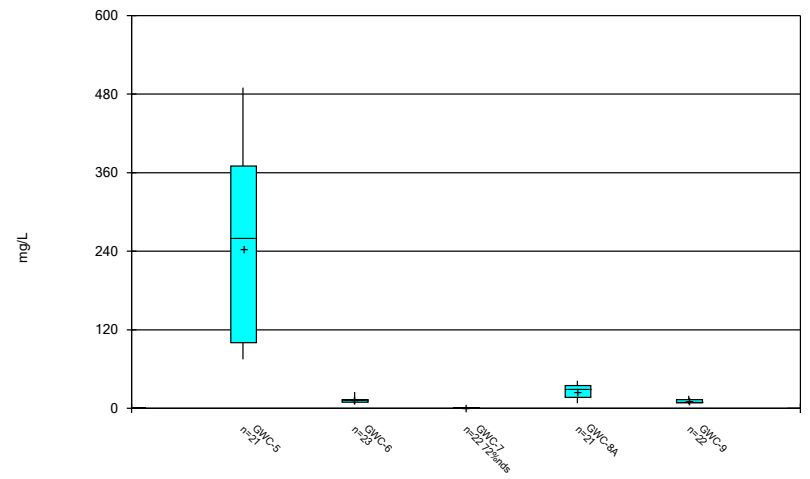
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



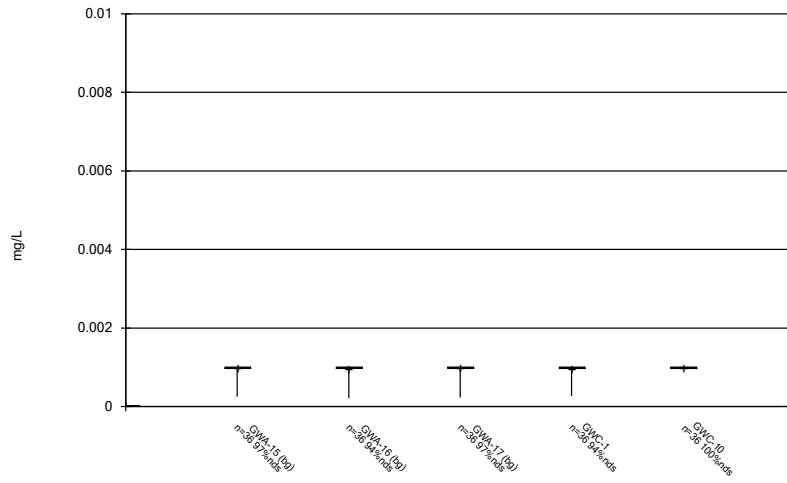
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



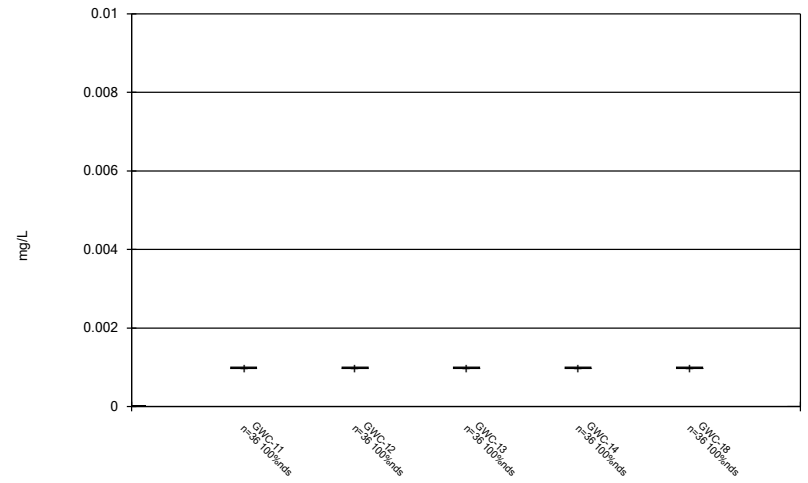
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



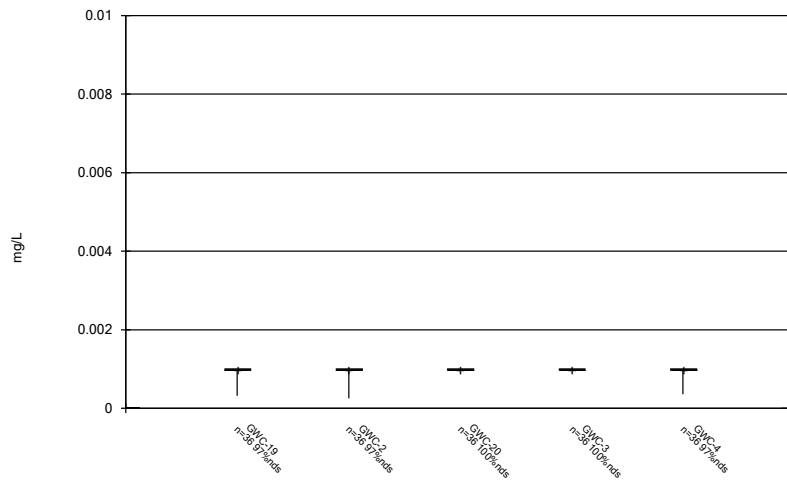
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Box & Whiskers Plot



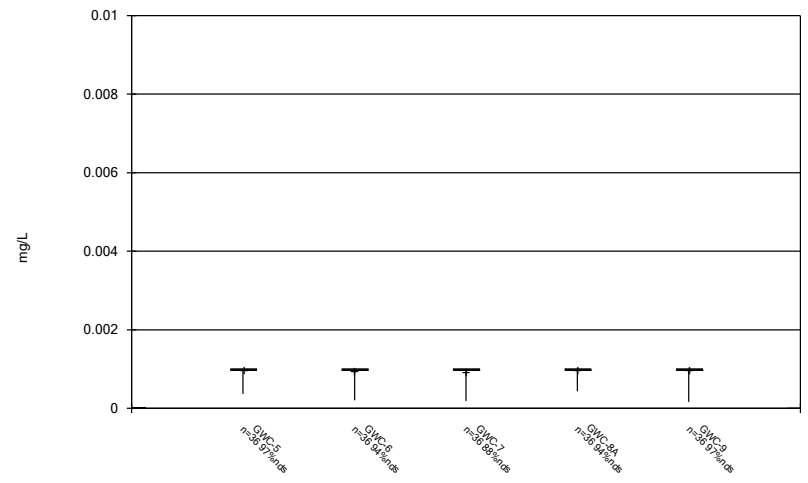
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Box & Whiskers Plot



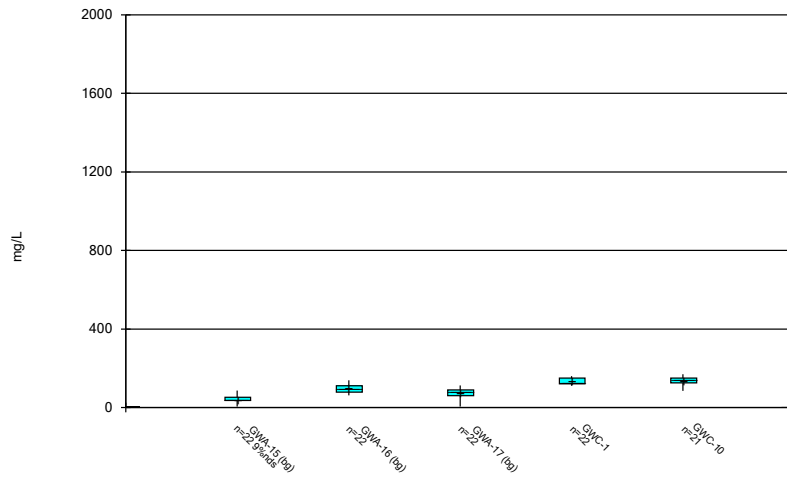
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Box & Whiskers Plot



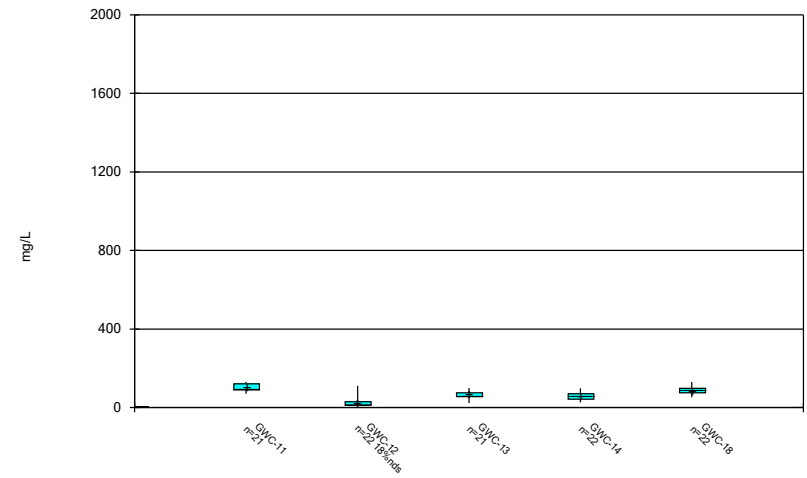
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Box & Whiskers Plot



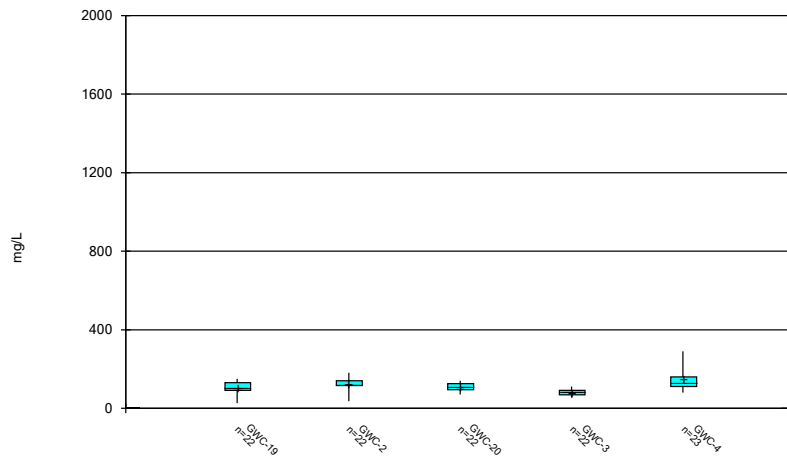
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Box & Whiskers Plot



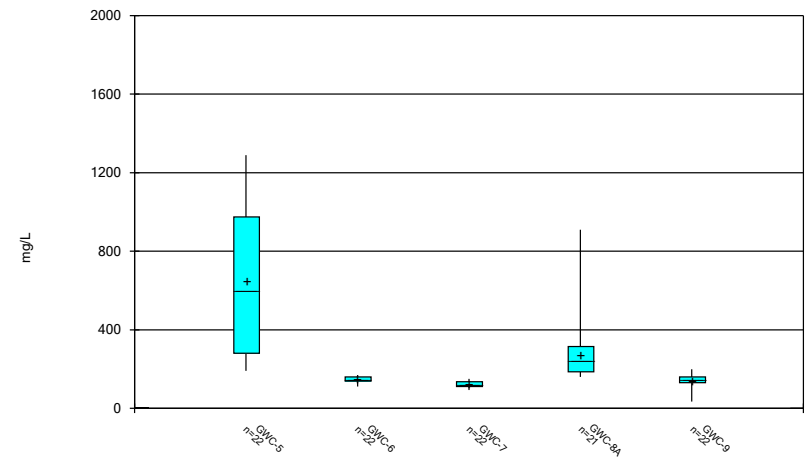
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Box & Whiskers Plot



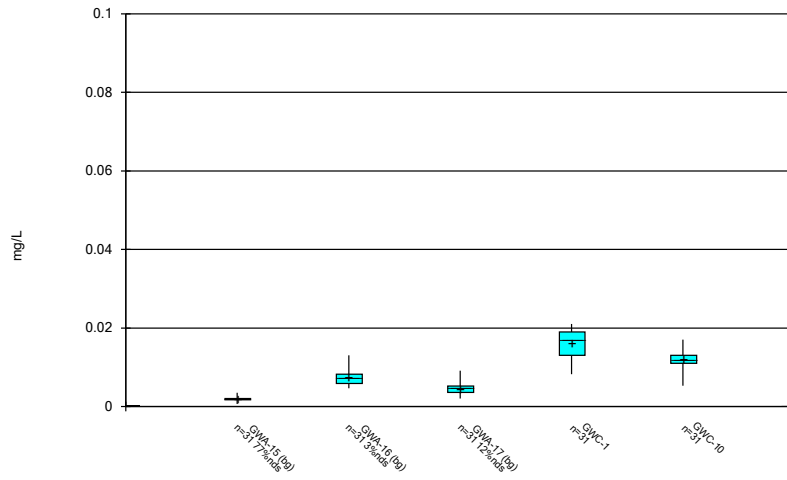
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Box & Whiskers Plot



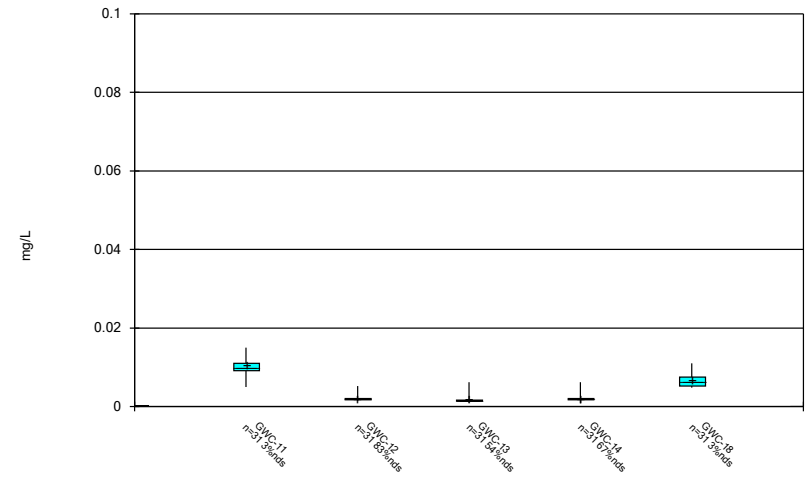
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Box & Whiskers Plot



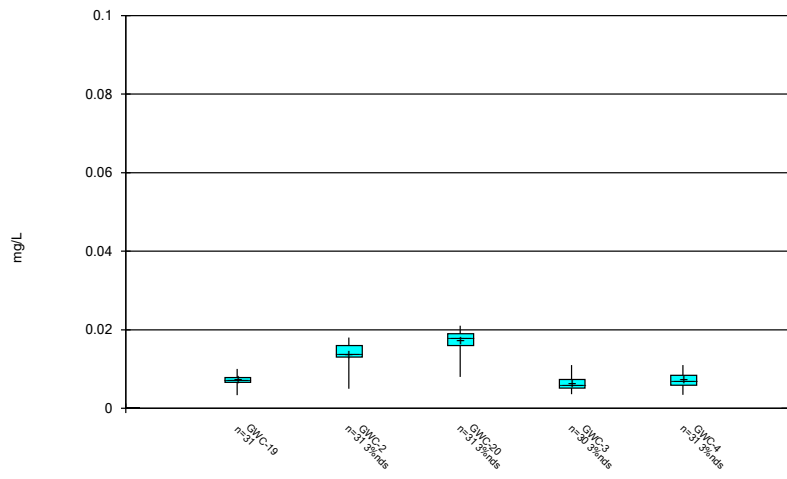
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Box & Whiskers Plot



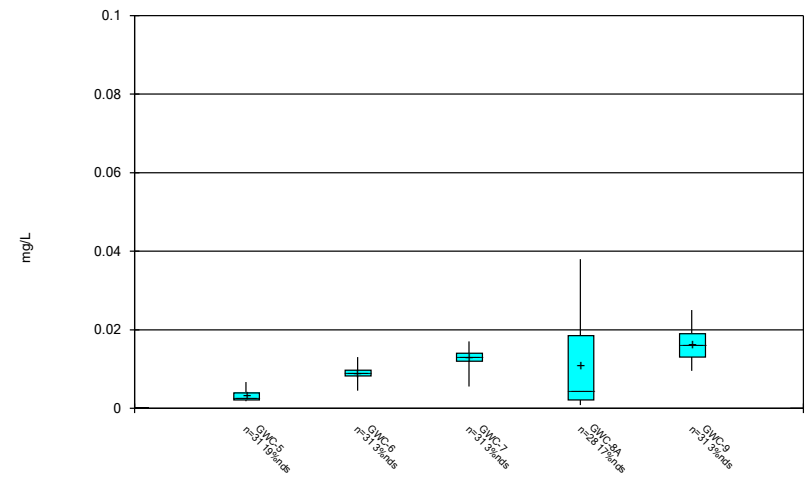
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Box & Whiskers Plot



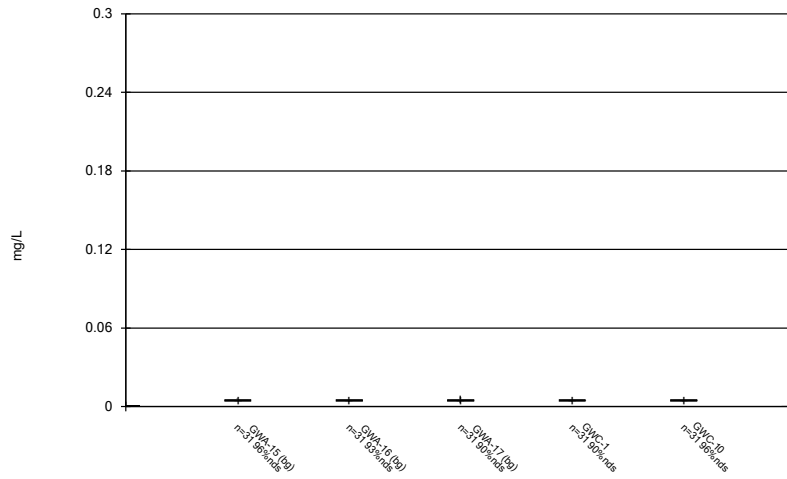
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Box & Whiskers Plot



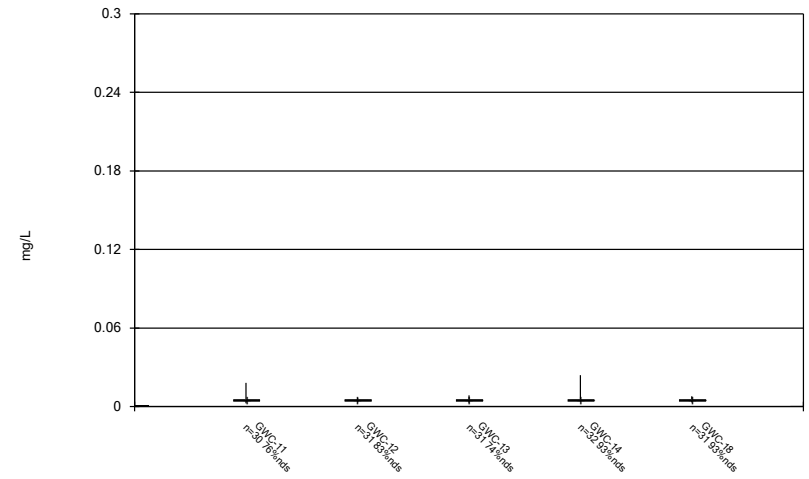
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



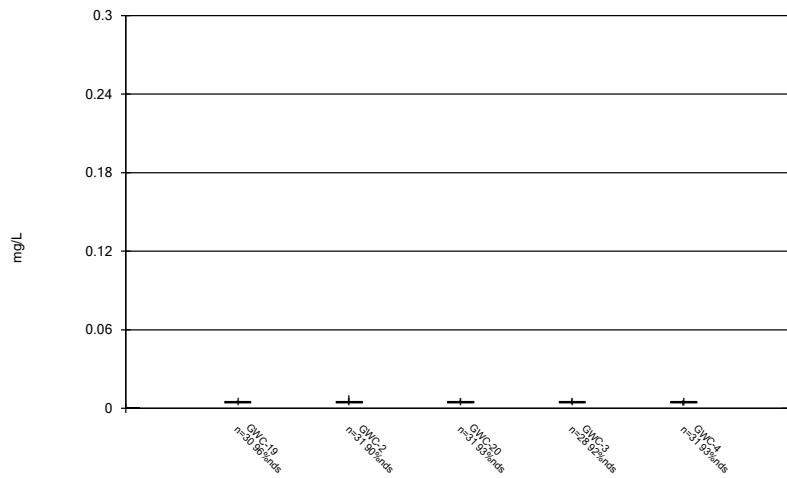
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Box & Whiskers Plot



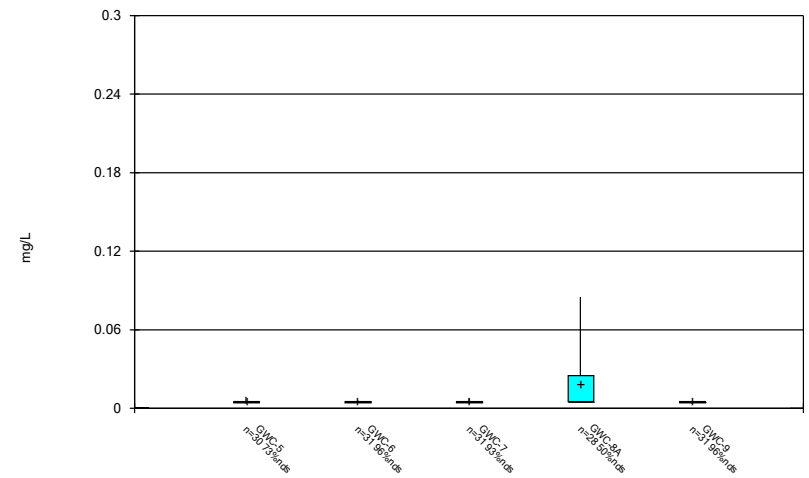
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



Constituent: Zinc Analysis Run 6/24/2024 1:13 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



Constituent: Zinc Analysis Run 6/24/2024 1:13 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

FIGURE C.

Outlier Summary

Plant Scherer Data: Scherer Cell 1-CCR Printed 3/29/2024, 11:19 AM

Date	GWC-20 Nickel (mg/L)	GWC-3 Nickel (mg/L)	GWC-5 Nickel (mg/L)	GWC-8A Nickel (mg/L)	GWC-19 pH (S.U.)	GWC-2 pH (S.U.)	GWC-3 pH (S.U.)	GWC-13 Sulfate (mg/L)	GWC-5 Sulfate (mg/L)	GWC-10 Total Dissolved Solids (mg/L)	GWC-11 Total Dissolved Solids (mg/L)
5/11/2010											
6/18/2010											
7/28/2010	0.019 (O)										
9/7/2010	0.0093 (O)										
4/28/2011											
4/29/2011											
4/30/2011				0.008 (O)							
10/28/2011											
5/3/2012											
5/10/2013	0.0081 (O)		0.0093 (O)								
11/13/2014											
5/22/2015											
5/23/2015											
5/24/2015	0.0063 (O)	0.006 (O)									
4/6/2016											
4/19/2016								575 (o)			
6/21/2016									214 (O)	293 (o)	
10/5/2016				5.78 (O)	5.1 (O)						
10/10/2016											
3/20/2018											
3/22/2018											
10/2/2018											
3/18/2020									25 (o)		
4/1/2021					7.32 (o)						

FIGURE D.

Appendix I Intrawell Prediction Limits - Significant Results

Plant Scherer Data: Scherer Cell 1-CCR Printed 3/29/2024, 11:44 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBg	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium, Total (mg/L)	GWC-10	0.03499	n/a	3/1/2024	0.036	Yes	25	0.02434	0.004121	8	None	No	0.0001937	Param Intra	1 of 2
Barium, Total (mg/L)	GWC-14	0.01173	n/a	3/1/2024	0.012	Yes	31	8.9e-7	2.9e-7	3.226	None	x^3	0.0001937	Param Intra	1 of 2
Barium, Total (mg/L)	GWC-19	0.01999	n/a	2/29/2024	0.033	Yes	25	9.0e-8	2.7e-8	4	None	x^4	0.0001937	Param Intra	1 of 2
Barium, Total (mg/L)	GWC-20	0.03594	n/a	3/1/2024	0.036	Yes	33	0.00002786	0.0000074793.03	None	x^3	0.0001937	Param Intra	1 of 2	
Barium, Total (mg/L)	GWC-4	0.05318	n/a	2/29/2024	0.1	Yes	29	0.0383	0.005897	0	None	No	0.0001937	Param Intra	1 of 2
Nickel (mg/L)	GWC-10	0.003	n/a	3/1/2024	0.0048	Yes	29	n/a	n/a	65.52	n/a	n/a	0.002172	NP Intra (NDs)	1 of 2
Nickel (mg/L)	GWC-14	0.001	n/a	3/1/2024	0.0081	Yes	28	n/a	n/a	100	n/a	n/a	0.002337	NP Intra (NDs)	1 of 2
Zinc (mg/L)	GWC-14	0.005	n/a	3/1/2024	0.024	Yes	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs)	1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Data: Scherer Cell 1-CCR Printed 3/29/2024, 11:44 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBg	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony, Total (mg/L)	GWA-16	0.002	n/a	2/28/2024	0.002ND	No	33	n/a	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-12	0.002	n/a	2/29/2024	0.002ND	No	33	n/a	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-18	0.002	n/a	2/29/2024	0.002ND	No	33	n/a	n/a	n/a	93.94	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-19	0.002	n/a	2/29/2024	0.002ND	No	33	n/a	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-2	0.002	n/a	3/1/2024	0.002ND	No	33	n/a	n/a	n/a	93.94	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-3	0.002	n/a	3/4/2024	0.0013J	No	33	n/a	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-4	0.002	n/a	2/29/2024	0.002ND	No	33	n/a	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-7	0.002	n/a	2/29/2024	0.002ND	No	33	n/a	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Barium, Total (mg/L)	GWA-15	0.012	n/a	3/4/2024	0.01	No	33	n/a	n/a	n/a	3.03	n/a	n/a	0.001701	NP Intra (normality) 1 of 2
Barium, Total (mg/L)	GWA-16	0.039	n/a	2/28/2024	0.03	No	33	n/a	n/a	n/a	0	n/a	n/a	0.001701	NP Intra (normality) 1 of 2
Barium, Total (mg/L)	GWA-17	0.05001	n/a	2/28/2024	0.032	No	33	0.03273	0.006966	3.03	None	No	0.0001937	Param Intra 1 of 2	
Barium, Total (mg/L)	GWC-1	0.05708	n/a	3/1/2024	0.048	No	33	0.04671	0.004181	0	None	No	0.0001937	Param Intra 1 of 2	
Barium, Total (mg/L)	GWC-10	0.03499	n/a	3/1/2024	0.036	Yes	25	0.02434	0.004121	8	None	No	0.0001937	Param Intra 1 of 2	
Barium, Total (mg/L)	GWC-11	0.02016	n/a	2/29/2024	0.02	No	33	0.0000044420	0.0000151	6.061	None	x^3	0.0001937	Param Intra 1 of 2	
Barium, Total (mg/L)	GWC-12	0.02051	n/a	2/29/2024	0.019	No	33	0.0002503	0.00006867	6.061	None	x^2	0.0001937	Param Intra 1 of 2	
Barium, Total (mg/L)	GWC-13	0.04187	n/a	3/1/2024	0.039	No	25	0.3096	0.01457	0	None	x^(1/3)	0.0001937	Param Intra 1 of 2	
Barium, Total (mg/L)	GWC-14	0.01173	n/a	3/1/2024	0.012	Yes	31	8.9e-7	2.9e-7	3.226	None	x^3	0.0001937	Param Intra 1 of 2	
Barium, Total (mg/L)	GWC-18	0.04153	n/a	2/29/2024	0.037	No	33	0.00004329	0.00001142	3.03	None	x^3	0.0001937	Param Intra 1 of 2	
Barium, Total (mg/L)	GWC-19	0.01999	n/a	2/29/2024	0.033	Yes	25	9.0e-8	2.7e-8	4	None	x^4	0.0001937	Param Intra 1 of 2	
Barium, Total (mg/L)	GWC-2	0.05378	n/a	3/1/2024	0.046	No	33	0.002076	0.000329	0	None	x^2	0.0001937	Param Intra 1 of 2	
Barium, Total (mg/L)	GWC-20	0.03594	n/a	3/1/2024	0.036	Yes	33	0.00002786	0.000074793.03	None	x^3	0.0001937	Param Intra 1 of 2		
Barium, Total (mg/L)	GWC-3	0.039	n/a	3/4/2024	0.019	No	32	n/a	n/a	3.125	n/a	n/a	0.001803	NP Intra (normality) 1 of 2	
Barium, Total (mg/L)	GWC-4	0.05318	n/a	2/29/2024	0.1	Yes	29	0.0383	0.005897	0	None	No	0.0001937	Param Intra 1 of 2	
Barium, Total (mg/L)	GWC-5	0.1185	n/a	2/29/2024	0.042	No	33	0.196	0.05974	0	None	sqrt(x)	0.0001937	Param Intra 1 of 2	
Barium, Total (mg/L)	GWC-6	0.06532	n/a	2/29/2024	0.06	No	33	0.05402	0.004555	0	None	No	0.0001937	Param Intra 1 of 2	
Barium, Total (mg/L)	GWC-7	0.04234	n/a	2/29/2024	0.041	No	33	0.03266	0.003902	0	None	No	0.0001937	Param Intra 1 of 2	
Barium, Total (mg/L)	GWC-8A	0.1124	n/a	2/29/2024	0.042	No	33	0.2018	0.05378	0	None	sqrt(x)	0.0001937	Param Intra 1 of 2	
Barium, Total (mg/L)	GWC-9	0.03779	n/a	3/1/2024	0.026	No	33	0.02311	0.005916	3.03	None	No	0.0001937	Param Intra 1 of 2	
Beryllium, Total (mg/L)	GWA-17	0.0025	n/a	2/28/2024	0.0025ND	No	33	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2	
Beryllium, Total (mg/L)	GWC-5	0.0025	n/a	2/29/2024	0.0025ND	No	33	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2	
Beryllium, Total (mg/L)	GWC-7	0.0025	n/a	2/29/2024	0.0025ND	No	33	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2	
Beryllium, Total (mg/L)	GWC-8A	0.0025	n/a	2/29/2024	0.0025ND	No	33	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2	
Cadmium, Total (mg/L)	GWA-17	0.0025	n/a	2/28/2024	0.0025ND	No	33	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2	
Cadmium, Total (mg/L)	GWC-11	0.0025	n/a	2/29/2024	0.0025ND	No	33	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2	
Cadmium, Total (mg/L)	GWC-2	0.0025	n/a	3/1/2024	0.0025ND	No	33	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2	
Cadmium, Total (mg/L)	GWC-8A	0.0025	n/a	2/29/2024	0.0025ND	No	33	n/a	n/a	75.76	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2	
Chromium, Total (mg/L)	GWA-15	0.0036	n/a	3/4/2024	0.002ND	No	33	n/a	n/a	93.94	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2	
Chromium, Total (mg/L)	GWA-16	0.007375	n/a	2/28/2024	0.0071	No	33	0.004866	0.001012	3.03	None	No	0.0001937	Param Intra 1 of 2	
Chromium, Total (mg/L)	GWA-17	0.01137	n/a	2/28/2024	0.0096	No	33	0.007027	0.001753	3.03	None	No	0.0001937	Param Intra 1 of 2	
Chromium, Total (mg/L)	GWC-1	0.01777	n/a	3/1/2024	0.014	No	33	0.0001527	0.00006579	0	None	x^2	0.0001937	Param Intra 1 of 2	
Chromium, Total (mg/L)	GWC-10	0.0244	n/a	3/1/2024	0.019	No	33	0.01519	0.003713	0	None	No	0.0001937	Param Intra 1 of 2	
Chromium, Total (mg/L)	GWC-11	0.012	n/a	2/29/2024	0.0086	No	33	n/a	n/a	3.03	n/a	n/a	0.001701	NP Intra (normality) 1 of 2	
Chromium, Total (mg/L)	GWC-12	0.0036	n/a	2/29/2024	0.0021	No	33	n/a	n/a	45.45	n/a	n/a	0.001701	NP Intra (normality) 1 of 2	
Chromium, Total (mg/L)	GWC-13	0.008387	n/a	3/1/2024	0.0059	No	32	0.004866	0.001414	0	None	No	0.0001937	Param Intra 1 of 2	
Chromium, Total (mg/L)	GWC-14	0.0038	n/a	3/1/2024	0.0022	No	33	n/a	n/a	90.91	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2	
Chromium, Total (mg/L)	GWC-18	0.02	n/a	2/29/2024	0.013	No	33	n/a	n/a	0	n/a	n/a	0.001701	NP Intra (normality) 1 of 2	
Chromium, Total (mg/L)	GWC-19	0.01614	n/a	2/29/2024	0.015	No	33	0.009335	0.002745	3.03	None	No	0.0001937	Param Intra 1 of 2	
Chromium, Total (mg/L)	GWC-2	0.01366	n/a	3/1/2024	0.011	No	33	0.00009621	0.0000364	6.061	None	x^2	0.0001937	Param Intra 1 of 2	
Chromium, Total (mg/L)	GWC-20	0.01432	n/a	3/1/2024	0.0088	No	33	0.008735	0.002253	6.061	None	No	0.0001937	Param Intra 1 of 2	
Chromium, Total (mg/L)	GWC-3	0.01925	n/a	3/4/2024	0.014	No	32	-4.706	0.3037	3.125	None	ln(x)	0.0001937	Param Intra 1 of 2	
Chromium, Total (mg/L)	GWC-4	0.01022	n/a	2/29/2024	0.0038	No	33	0.005836	0.001766	3.03	None	No	0.0001937	Param Intra 1 of 2	
Chromium, Total (mg/L)	GWC-5	0.01014	n/a	2/29/2024	0.0074	No	33	0.06609	0.01395	3.03	None	sqrt(x)	0.0001937	Param Intra 1 of 2	
Chromium, Total (mg/L)	GWC-6	0.009649	n/a	2/29/2024	0.0051	No	33	-5.302	0.2667	6.061	None	ln(x)	0.0001937	Param Intra 1 of 2	
Chromium, Total (mg/L)	GWC-7	0.018	n/a	2/29/2024	0.012	No	33	n/a	n/a	0	n/a	n/a	0.001701	NP Intra (normality) 1 of 2	
Chromium, Total (mg/L)	GWC-8A	0.023	n/a	2/29/2024	0.002ND	No	32	n/a	n/a	46.88	n/a	n/a	0.001803	NP Intra (normality) 1 of 2	

Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Data: Scherer Cell 1-CCR Printed 3/29/2024, 11:44 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NB	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Mercury (mg/L)	GWC-10	0.0002	n/a	3/1/2024	0.0002ND	No	33	n/a	n/a	n/a	90.91	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-11	0.0002	n/a	2/29/2024	0.0002ND	No	33	n/a	n/a	n/a	93.94	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-13	0.0002	n/a	3/1/2024	0.0002ND	No	33	n/a	n/a	n/a	93.94	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-14	0.0002	n/a	3/1/2024	0.0002ND	No	33	n/a	n/a	n/a	93.94	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-18	0.0002	n/a	2/29/2024	0.0002ND	No	33	n/a	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-19	0.0002	n/a	2/29/2024	0.0002ND	No	33	n/a	n/a	n/a	93.94	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-2	0.0002	n/a	3/1/2024	0.0002ND	No	33	n/a	n/a	n/a	93.94	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-20	0.0002	n/a	3/1/2024	0.0002ND	No	33	n/a	n/a	n/a	87.88	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-3	0.0002	n/a	3/4/2024	0.0002ND	No	33	n/a	n/a	n/a	90.91	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-4	0.0002	n/a	2/29/2024	0.0002ND	No	33	n/a	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-5	0.0002	n/a	2/29/2024	0.0002ND	No	33	n/a	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-6	0.0002	n/a	2/29/2024	0.0002ND	No	33	n/a	n/a	n/a	90.91	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-7	0.0002	n/a	2/29/2024	0.0002ND	No	33	n/a	n/a	n/a	90.91	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-8A	0.0002	n/a	2/29/2024	0.0002ND	No	33	n/a	n/a	n/a	84.85	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-9	0.0002	n/a	3/1/2024	0.0002ND	No	33	n/a	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-15	0.00202	n/a	3/4/2024	0.001ND	No	28	n/a	n/a	n/a	71.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-16	0.001	n/a	2/28/2024	0.001ND	No	27	n/a	n/a	n/a	96.3	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-17	0.0012	n/a	2/28/2024	0.001ND	No	28	n/a	n/a	n/a	85.71	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-1	0.0018	n/a	3/1/2024	0.00096J	No	27	n/a	n/a	n/a	74.07	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-10	0.003	n/a	3/1/2024	0.0048	Yes	29	n/a	n/a	n/a	65.52	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-11	0.0018	n/a	2/29/2024	0.00099J	No	28	n/a	n/a	n/a	75	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-12	0.0018	n/a	2/29/2024	0.00092J	No	28	n/a	n/a	n/a	75	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-13	0.001	n/a	3/1/2024	0.00059J	No	28	n/a	n/a	n/a	85.71	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-14	0.001	n/a	3/1/2024	0.0081	Yes	28	n/a	n/a	n/a	100	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-18	0.001	n/a	2/29/2024	0.001ND	No	27	n/a	n/a	n/a	88.89	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-19	0.0017	n/a	2/29/2024	0.00067J	No	27	n/a	n/a	n/a	81.48	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-2	0.0028	n/a	3/1/2024	0.0018	No	27	n/a	n/a	n/a	62.96	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-20	0.003	n/a	3/1/2024	0.00059J	No	27	n/a	n/a	n/a	66.67	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-3	0.0035	n/a	3/4/2024	0.0014	No	25	n/a	n/a	n/a	60	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-4	0.0036	n/a	2/29/2024	0.0015	No	28	n/a	n/a	n/a	67.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-5	0.00268	n/a	2/29/2024	0.00049J	No	27	n/a	n/a	n/a	62.96	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-6	0.0053	n/a	2/29/2024	0.00098J	No	28	n/a	n/a	n/a	60.71	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-7	0.0044	n/a	2/29/2024	0.001ND	No	28	n/a	n/a	n/a	82.14	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-8A	0.0069	n/a	2/29/2024	0.0055	No	26	n/a	n/a	n/a	42.31	n/a	n/a	0.002667	NP Intra (normality) 1 of 2
Nickel (mg/L)	GWC-9	0.0042	n/a	3/1/2024	0.00086J	No	29	n/a	n/a	n/a	79.31	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-15	0.005	n/a	3/4/2024	0.005ND	No	33	n/a	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-16	0.005	n/a	2/28/2024	0.005ND	No	33	n/a	n/a	n/a	90.91	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-17	0.005	n/a	2/28/2024	0.005ND	No	33	n/a	n/a	n/a	93.94	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-1	0.0053	n/a	3/1/2024	0.005ND	No	33	n/a	n/a	n/a	93.94	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-10	0.005	n/a	3/1/2024	0.005ND	No	33	n/a	n/a	n/a	93.94	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-11	0.005	n/a	2/29/2024	0.005ND	No	32	n/a	n/a	n/a	90.63	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-12	0.005	n/a	2/29/2024	0.005ND	No	33	n/a	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-14	0.0052	n/a	3/1/2024	0.005ND	No	33	n/a	n/a	n/a	93.94	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-18	0.005	n/a	2/29/2024	0.005ND	No	33	n/a	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-19	0.005	n/a	2/29/2024	0.005ND	No	33	n/a	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-2	0.005	n/a	3/1/2024	0.005ND	No	33	n/a	n/a	n/a	90.91	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-3	0.005	n/a	3/4/2024	0.005ND	No	33	n/a	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-4	0.005	n/a	2/29/2024	0.0042J	No	33	n/a	n/a	n/a	93.94	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-5	0.04332	n/a	2/29/2024	0.0018J	No	8	0.09356	0.02845	0	None	sqrt(x)	0.0001937	Param Intra 1 of 2	
Selenium, Total (mg/L)	GWC-6	0.007	n/a	2/29/2024	0.005ND	No	33	n/a	n/a	n/a	78.79	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-7	0.0053	n/a	2/29/2024	0.005ND	No	33	n/a	n/a	n/a	93.94	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-8A	0.005	n/a	2/29/2024	0.005ND	No	33	n/a	n/a	n/a	87.88	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-9	0.0065	n/a	3/1/2024	0.005ND	No	33	n/a	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-15	0.001	n/a	3/4/2024	0.001ND	No	33	n/a	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-16	0.001	n/a	2/28/2024	0.001ND	No	33	n/a	n/a	n/a	93.94	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

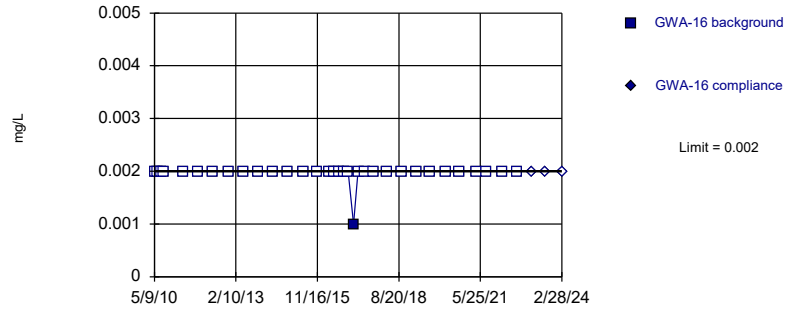
Plant Scherer Data: Scherer Cell 1-CCR Printed 3/29/2024, 11:44 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBg	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Thallium, Total (mg/L)	GWA-17	0.001	n/a	2/28/2024	0.001ND	No	33	n/a	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-1	0.001	n/a	3/1/2024	0.001ND	No	33	n/a	n/a	n/a	93.94	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-19	0.001	n/a	2/29/2024	0.001ND	No	33	n/a	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-2	0.001	n/a	3/1/2024	0.001ND	No	33	n/a	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-4	0.001	n/a	2/29/2024	0.001ND	No	33	n/a	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-5	0.001	n/a	2/29/2024	0.001ND	No	33	n/a	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-6	0.001	n/a	2/29/2024	0.001ND	No	33	n/a	n/a	n/a	93.94	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-7	0.001	n/a	2/29/2024	0.001ND	No	33	n/a	n/a	n/a	87.88	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-8A	0.001	n/a	2/29/2024	0.001ND	No	33	n/a	n/a	n/a	93.94	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-9	0.001	n/a	3/1/2024	0.001ND	No	33	n/a	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-15	0.0035	n/a	3/4/2024	0.00066J	No	28	n/a	n/a	n/a	82.14	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-16	0.01177	n/a	2/28/2024	0.0087	No	28	0.007159	0.001817	3.571	None	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWA-17	0.008631	n/a	2/28/2024	0.0056	No	28	0.004626	0.001577	14.29	None	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-1	0.02536	n/a	3/1/2024	0.018	No	28	0.01566	0.003819	0	None	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-10	0.01749	n/a	3/1/2024	0.013	No	28	0.01201	0.002159	0	None	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-11	0.01499	n/a	2/29/2024	0.011	No	28	0.01029	0.00185	3.571	None	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-12	0.0052	n/a	2/29/2024	0.002ND	No	28	n/a	n/a	85.71	n/a	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-13	0.0062	n/a	3/1/2024	0.0011J	No	28	n/a	n/a	60.71	n/a	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-14	0.0062	n/a	3/1/2024	0.002ND	No	28	n/a	n/a	71.43	n/a	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-18	0.01099	n/a	2/29/2024	0.0069	No	28	0.08101	0.009376	3.571	None	None	sqrt(x)	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-19	0.01039	n/a	2/29/2024	0.0078	No	28	0.007152	0.001274	0	None	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-2	0.01927	n/a	3/1/2024	0.015	No	28	0.0001928	0.00007035	3.571	None	None	x^2	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-20	0.02297	n/a	3/1/2024	0.019	No	28	0.0003022	0.00008879	3.571	None	None	x^2	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-3	0.01092	n/a	3/4/2024	0.0051	No	27	0.00652	0.001723	3.704	None	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-4	0.01187	n/a	2/29/2024	0.0049	No	28	0.007401	0.001762	3.571	None	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-5	0.006856	n/a	2/29/2024	0.0029	No	28	0.05297	0.01175	21.43	Kaplan-Meier	None	sqrt(x)	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-6	0.01384	n/a	2/29/2024	0.0093	No	28	0.008906	0.001944	3.571	None	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-7	0.01674	n/a	2/29/2024	0.013	No	28	0.00000228	9.5e-7	3.571	None	None	x^3	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-8A	0.05313	n/a	2/29/2024	0.002ND	No	25	0.09869	0.051	12	None	None	sqrt(x)	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-9	0.02837	n/a	3/1/2024	0.016	No	28	0.01637	0.004727	3.571	None	None	No	0.0001937	Param Intra 1 of 2
Zinc (mg/L)	GWA-15	0.006	n/a	3/4/2024	0.005ND	No	28	n/a	n/a	96.43	n/a	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-16	0.005	n/a	2/28/2024	0.005ND	No	28	n/a	n/a	96.43	n/a	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-17	0.0084	n/a	2/28/2024	0.005ND	No	28	n/a	n/a	89.29	n/a	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-1	0.005	n/a	3/1/2024	0.004J	No	28	n/a	n/a	92.86	n/a	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-10	0.005	n/a	3/1/2024	0.005ND	No	28	n/a	n/a	96.43	n/a	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-11	0.018	n/a	2/29/2024	0.0036J	No	27	n/a	n/a	77.78	n/a	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-12	0.0065	n/a	2/29/2024	0.005ND	No	28	n/a	n/a	82.14	n/a	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-13	0.0085	n/a	3/1/2024	0.005ND	No	28	n/a	n/a	75	n/a	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-14	0.005	n/a	3/1/2024	0.024	Yes	28	n/a	n/a	96.43	n/a	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-18	0.0077	n/a	2/29/2024	0.0032J	No	28	n/a	n/a	96.43	n/a	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-19	0.0059	n/a	2/29/2024	0.005ND	No	27	n/a	n/a	96.3	n/a	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-2	0.01	n/a	3/1/2024	0.005ND	No	28	n/a	n/a	92.86	n/a	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-20	0.0065	n/a	3/1/2024	0.005ND	No	28	n/a	n/a	92.86	n/a	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-3	0.0069	n/a	3/4/2024	0.005ND	No	25	n/a	n/a	92	n/a	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-4	0.006	n/a	2/29/2024	0.005ND	No	28	n/a	n/a	92.86	n/a	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-5	0.0089	n/a	2/29/2024	0.005ND	No	27	n/a	n/a	70.37	n/a	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-6	0.0062	n/a	2/29/2024	0.005ND	No	28	n/a	n/a	96.43	n/a	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-7	0.0074	n/a	2/29/2024	0.005ND	No	28	n/a	n/a	92.86	n/a	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-8A	0.085	n/a	2/29/2024	0.005ND	No	25	n/a	n/a	48	n/a	n/a	n/a	0.002832	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-9	0.005	n/a	3/1/2024	0.005ND	No	28	n/a	n/a	96.43	n/a	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2

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Within Limit

Prediction Limit Intrawell Non-parametric



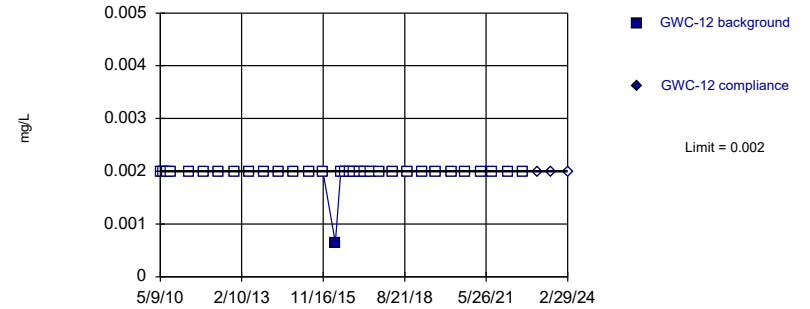
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Antimony, Total Analysis Run 3/29/2024 11:31 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.16b Software licensed to . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



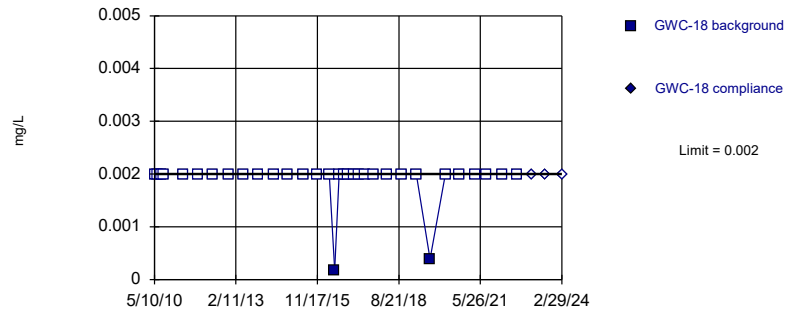
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Antimony, Total Analysis Run 3/29/2024 11:31 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.16b Software licensed to . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



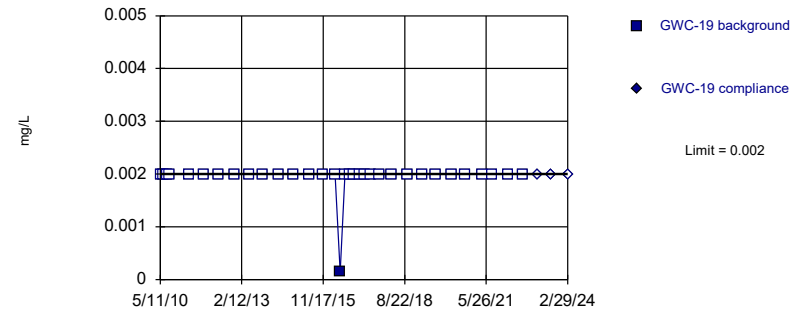
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 93.94% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Antimony, Total Analysis Run 3/29/2024 11:31 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.16b Software licensed to . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric

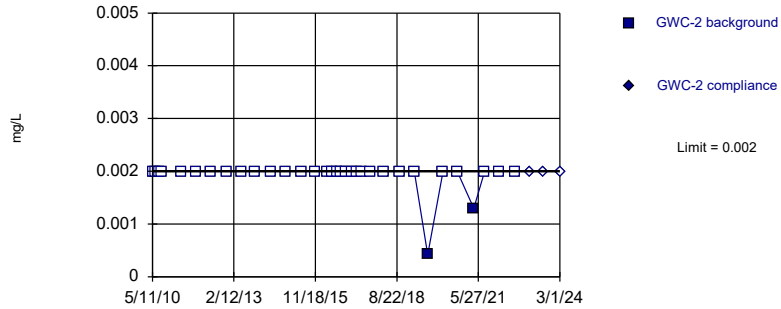


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Antimony, Total Analysis Run 3/29/2024 11:31 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

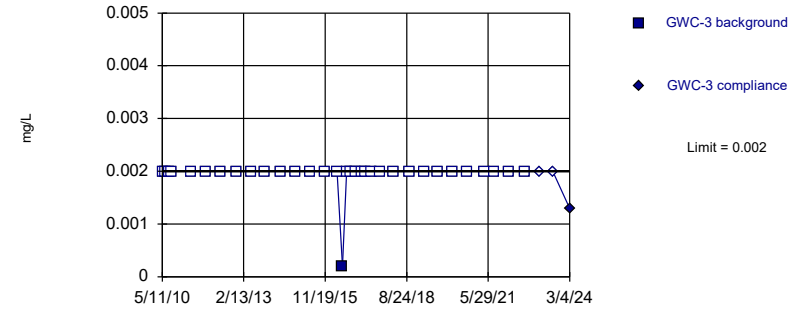


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 93.94% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Antimony, Total Analysis Run 3/29/2024 11:31 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

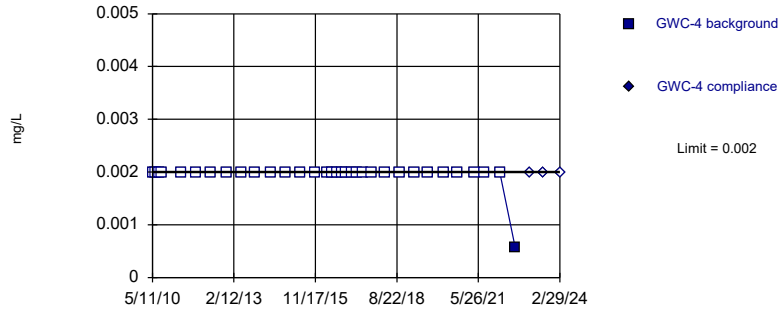


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Antimony, Total Analysis Run 3/29/2024 11:31 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

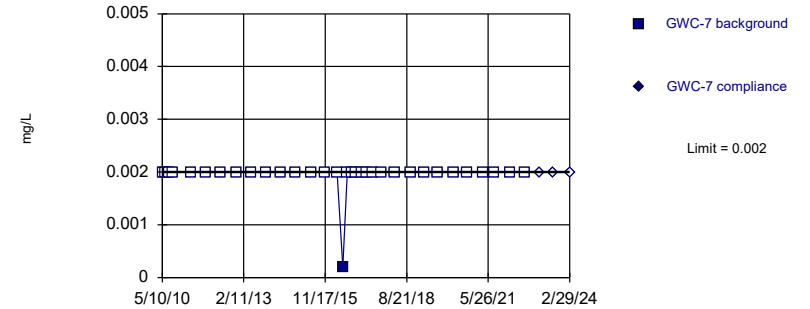


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Antimony, Total Analysis Run 3/29/2024 11:31 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

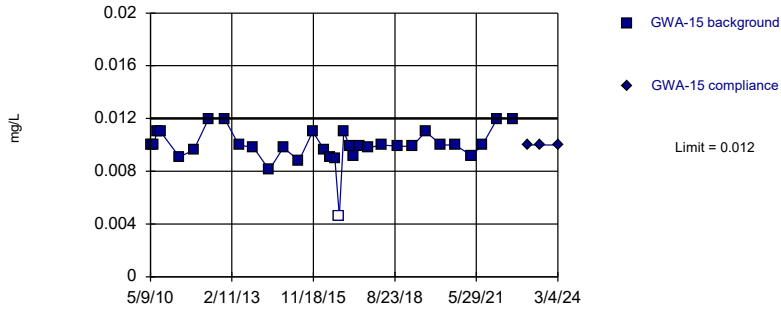


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Antimony, Total Analysis Run 3/29/2024 11:31 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

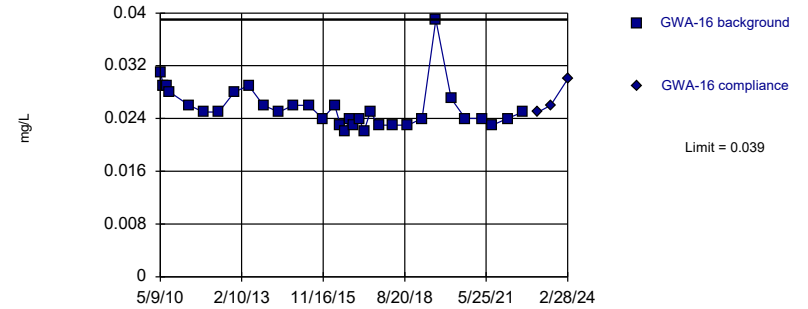


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 33 background values. 3.03% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Barium, Total Analysis Run 3/29/2024 11:31 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

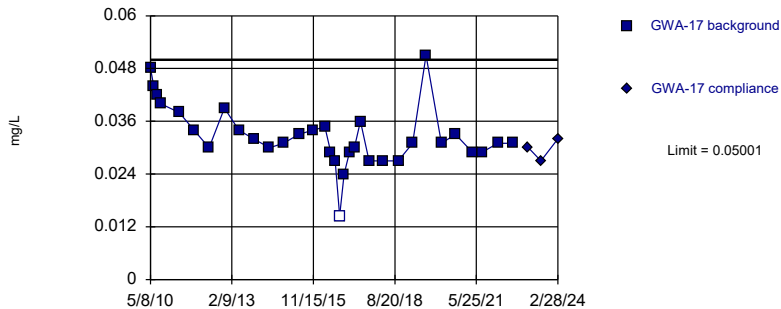


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 33 background values. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Barium, Total Analysis Run 3/29/2024 11:31 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

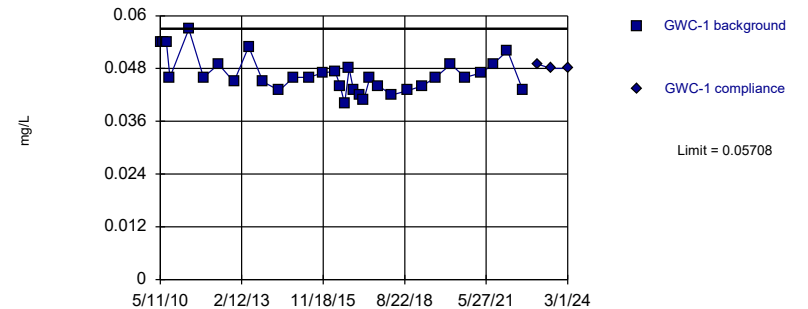


Background Data Summary: Mean=0.03273, Std. Dev.=0.006966, n=33, 3.03% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9333, critical = 0.906. Kappa = 2.481 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium, Total Analysis Run 3/29/2024 11:31 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

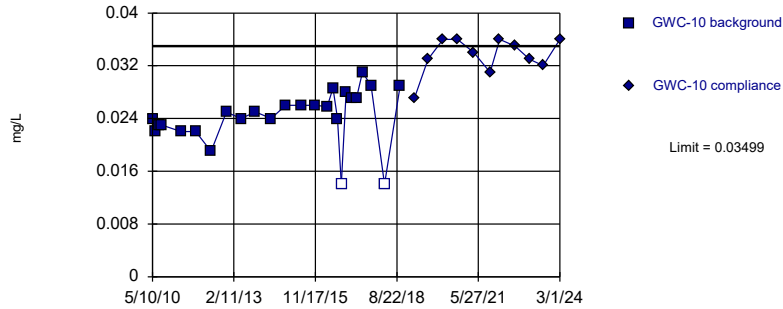


Background Data Summary: Mean=0.04671, Std. Dev.=0.004181, n=33. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9285, critical = 0.906. Kappa = 2.481 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium, Total Analysis Run 3/29/2024 11:31 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Exceeds Limit

Prediction Limit
Intrawell Parametric

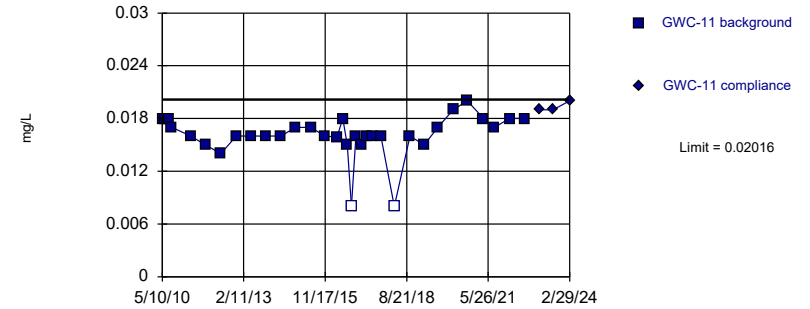


Background Data Summary: Mean=0.02434, Std. Dev.=0.004121, n=25, 8% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9043, critical = 0.888. Kappa = 2.585 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium, Total Analysis Run 3/29/2024 11:31 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

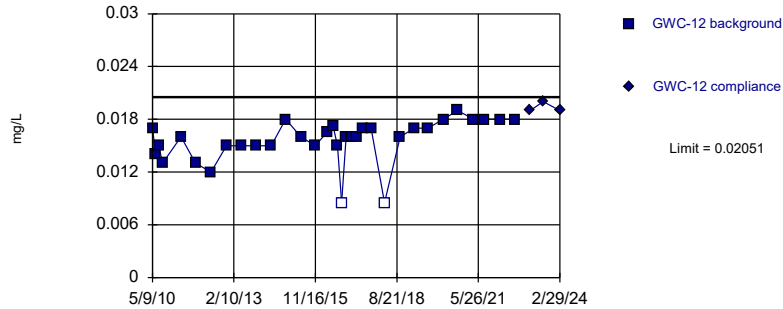


Background Data Summary (based on cube transformation): Mean=0.000004442, Std. Dev.=0.00000151, n=33, 6.061% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9105, critical = 0.906. Kappa = 2.481 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium, Total Analysis Run 3/29/2024 11:31 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

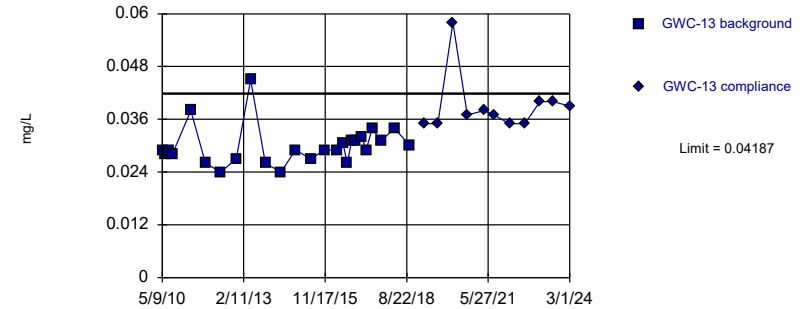


Background Data Summary (based on square transformation): Mean=0.0002503, Std. Dev.=0.00006867, n=33, 6.061% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.912, critical = 0.906. Kappa = 2.481 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium, Total Analysis Run 3/29/2024 11:31 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

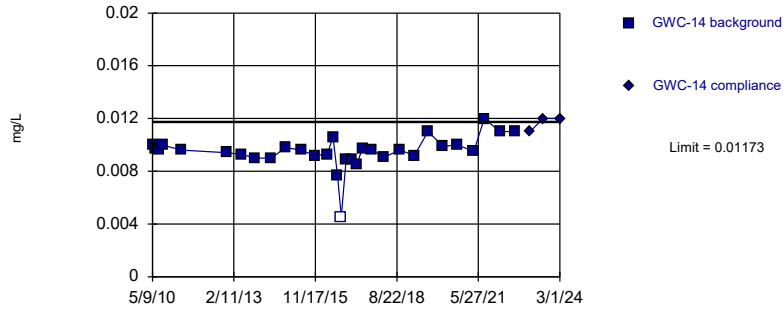


Background Data Summary (based on cube root transformation): Mean=0.3096, Std. Dev.=0.01457, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8937, critical = 0.888. Kappa = 2.585 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium, Total Analysis Run 3/29/2024 11:31 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Exceeds Limit

Prediction Limit
Intrawell Parametric

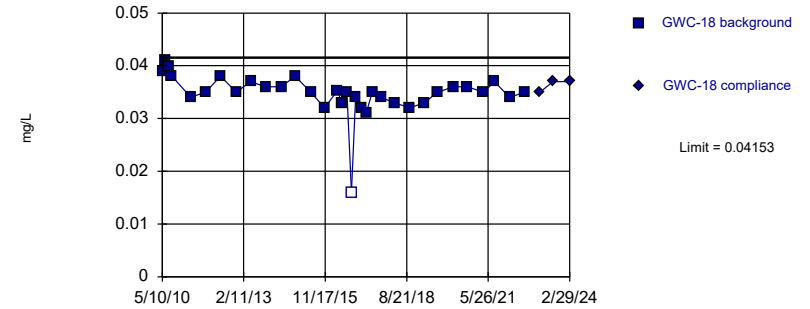


Background Data Summary (based on cube transformation): Mean=8.9e-7, Std. Dev.=2.9e-7, n=31, 3.226% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9162, critical = 0.902. Kappa = 2.5 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium, Total Analysis Run 3/29/2024 11:31 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

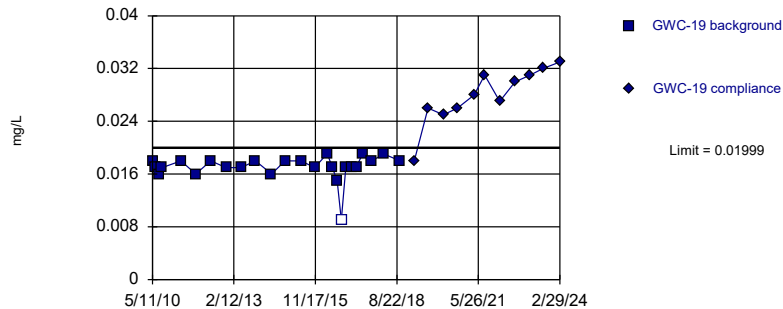


Background Data Summary (based on cube transformation): Mean=0.00004329, Std. Dev.=0.00001142, n=33, 3.03% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9206, critical = 0.906. Kappa = 2.481 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium, Total Analysis Run 3/29/2024 11:31 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Exceeds Limit

Prediction Limit
Intrawell Parametric

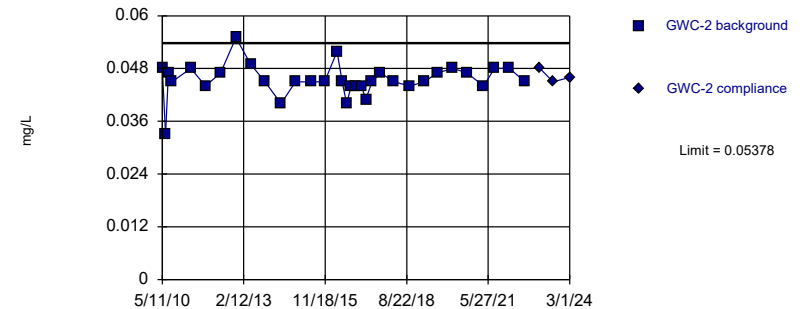


Background Data Summary (based on x^4 transformation): Mean=9.0e-8, Std. Dev.=2.7e-8, n=25, 4% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8905, critical = 0.888. Kappa = 2.585 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium, Total Analysis Run 3/29/2024 11:31 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

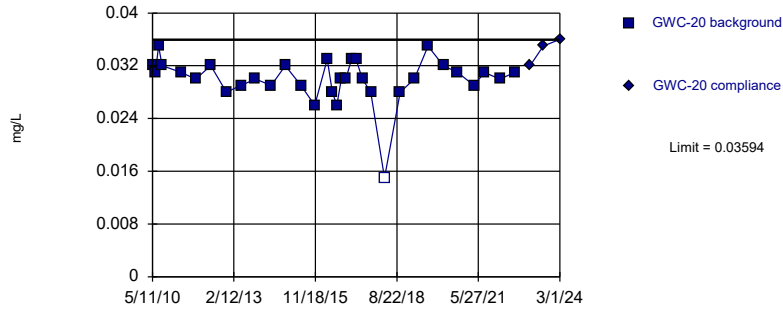


Background Data Summary (based on square transformation): Mean=0.002076, Std. Dev.=0.000329, n=33. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9084, critical = 0.906. Kappa = 2.481 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium, Total Analysis Run 3/29/2024 11:31 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Exceeds Limit

Prediction Limit
Intrawell Parametric

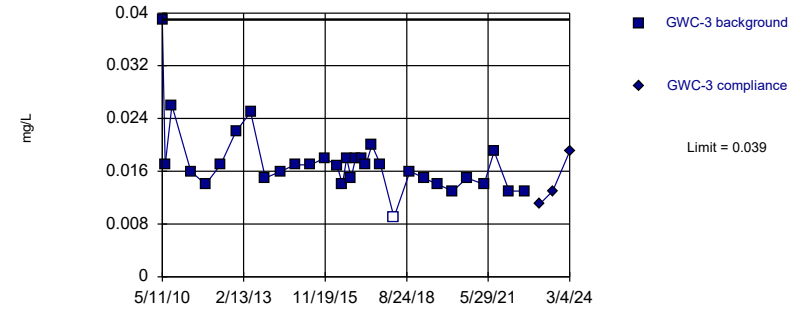


Background Data Summary (based on cube transformation): Mean=0.00002786, Std. Dev.=0.000007479, n=33, 3.03% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9375, critical = 0.906. Kappa = 2.481 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium, Total Analysis Run 3/29/2024 11:32 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

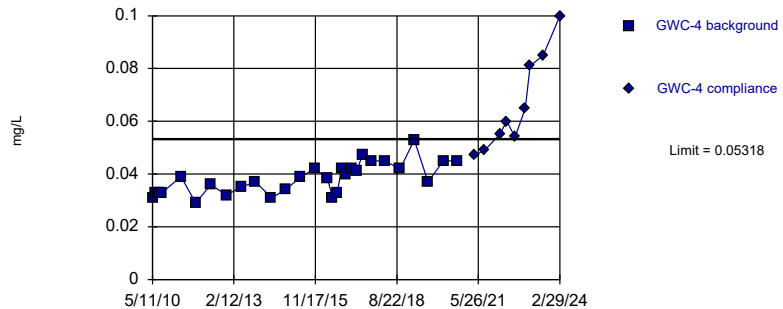


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 32 background values. 3.125% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Barium, Total Analysis Run 3/29/2024 11:32 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Exceeds Limit

Prediction Limit
Intrawell Parametric

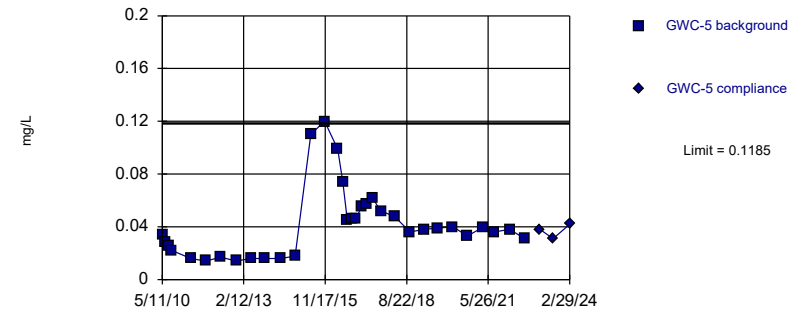


Background Data Summary: Mean=0.0383, Std. Dev.=0.005897, n=29. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9543, critical = 0.898. Kappa = 2.524 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium, Total Analysis Run 3/29/2024 11:32 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

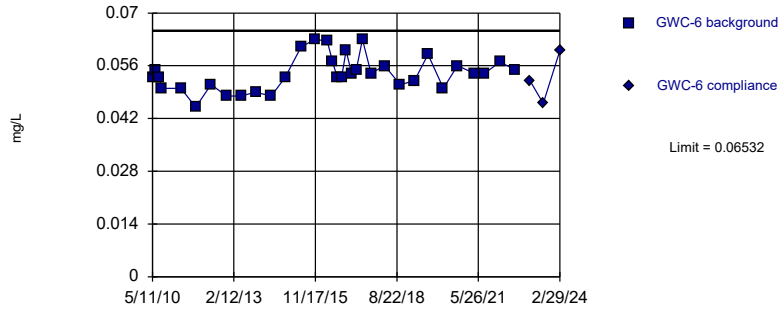


Background Data Summary (based on square root transformation): Mean=0.196, Std. Dev.=0.05974, n=33. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9162, critical = 0.906. Kappa = 2.481 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium, Total Analysis Run 3/29/2024 11:32 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

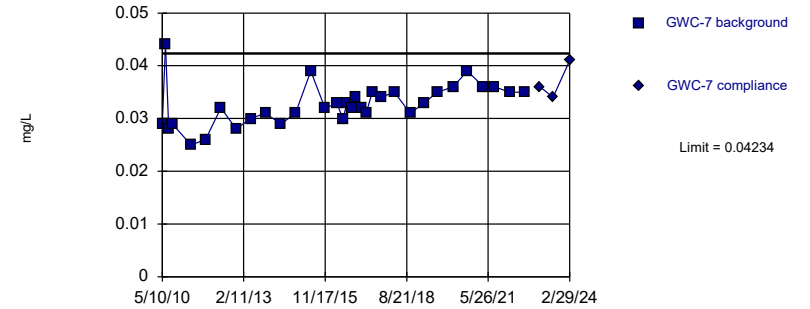


Background Data Summary: Mean=0.05402, Std. Dev.=0.004555, n=33. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9593, critical = 0.906. Kappa = 2.481 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium, Total Analysis Run 3/29/2024 11:32 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

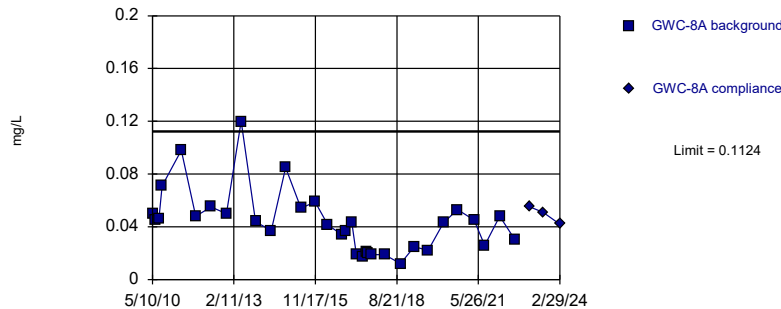


Background Data Summary: Mean=0.03266, Std. Dev.=0.003902, n=33. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9702, critical = 0.906. Kappa = 2.481 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium, Total Analysis Run 3/29/2024 11:32 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

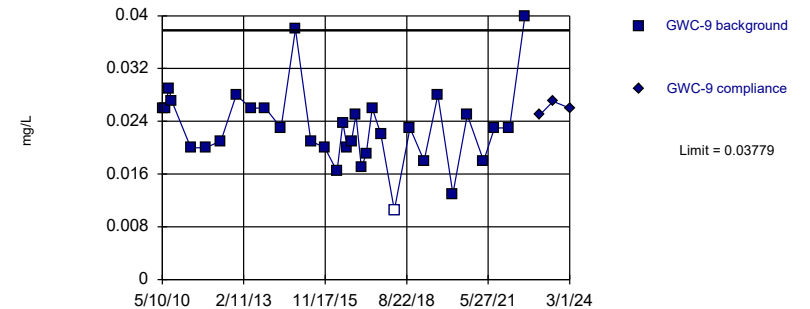


Background Data Summary (based on square root transformation): Mean=0.2018, Std. Dev.=0.05378, n=33. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.948, critical = 0.906. Kappa = 2.481 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium, Total Analysis Run 3/29/2024 11:32 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

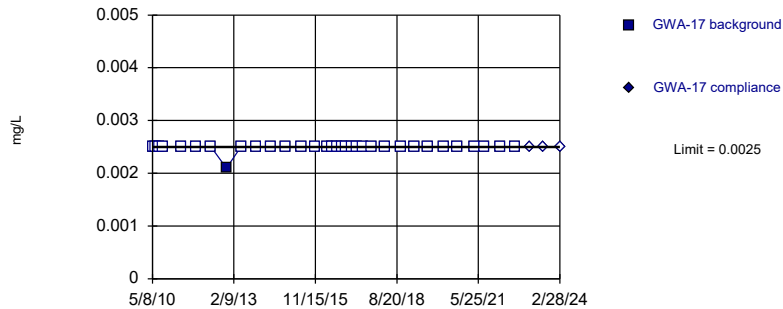


Background Data Summary: Mean=0.02311, Std. Dev.=0.005916, n=33, 3.03% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9377, critical = 0.906. Kappa = 2.481 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium, Total Analysis Run 3/29/2024 11:32 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

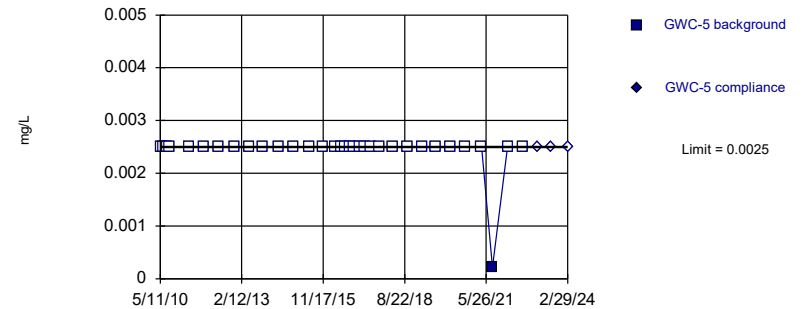


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Beryllium, Total Analysis Run 3/29/2024 11:32 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

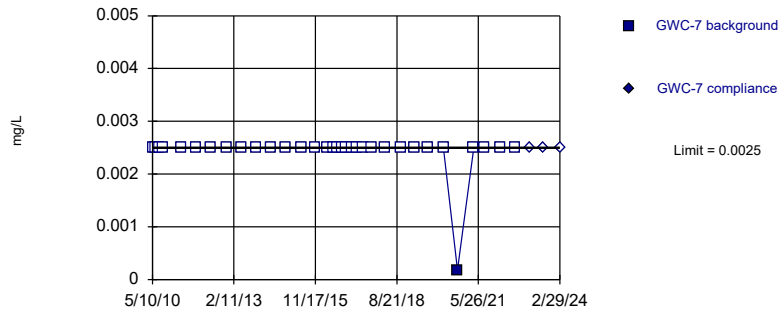


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Beryllium, Total Analysis Run 3/29/2024 11:32 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

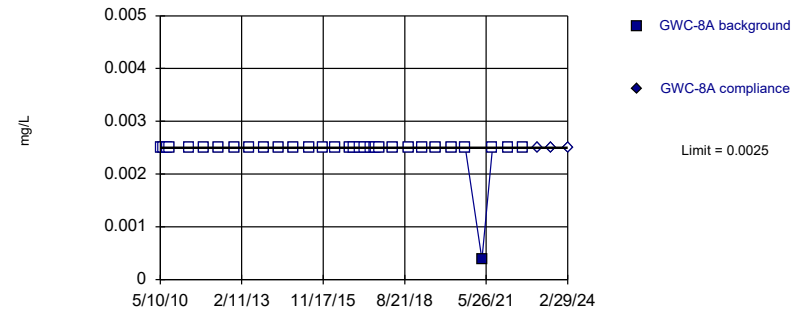


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Beryllium, Total Analysis Run 3/29/2024 11:32 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

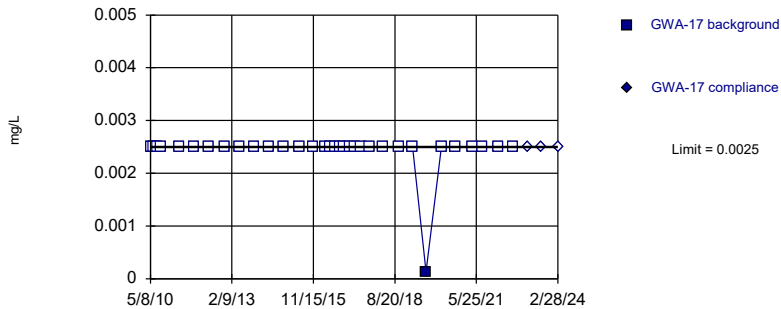


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Beryllium, Total Analysis Run 3/29/2024 11:32 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

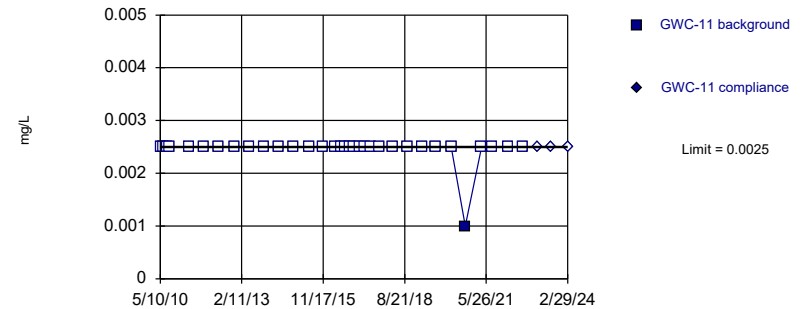


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Cadmium, Total Analysis Run 3/29/2024 11:32 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

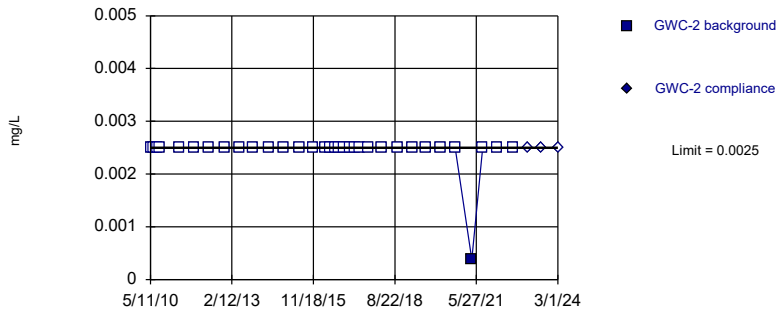


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Cadmium, Total Analysis Run 3/29/2024 11:32 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

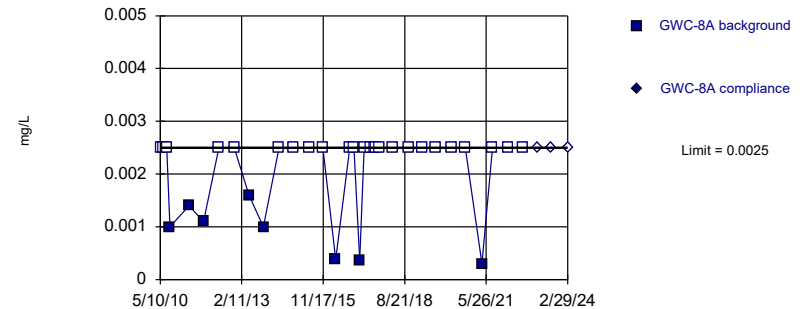


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Cadmium, Total Analysis Run 3/29/2024 11:32 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

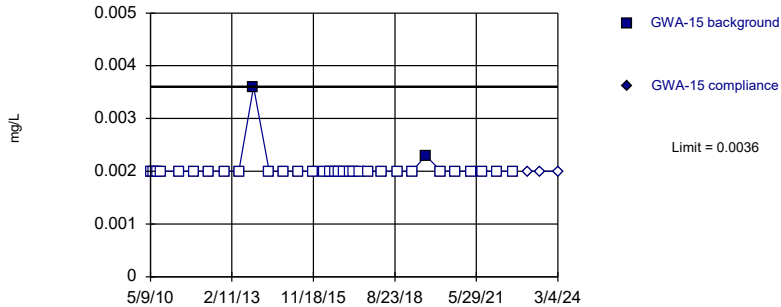


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 75.76% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Cadmium, Total Analysis Run 3/29/2024 11:32 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

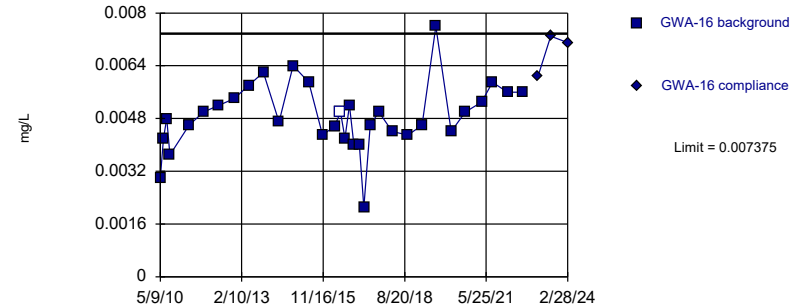


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 93.94% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Chromium, Total Analysis Run 3/29/2024 11:32 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

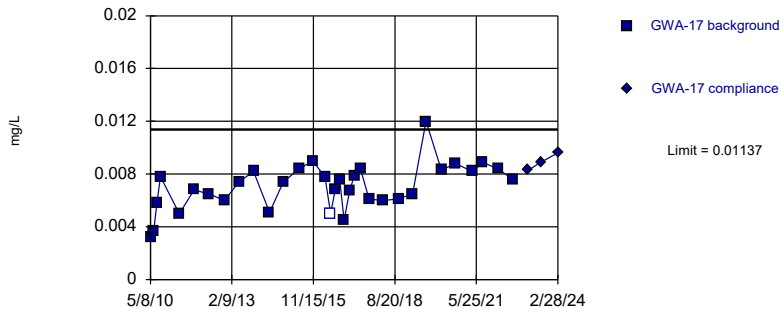


Background Data Summary: Mean=0.004866, Std. Dev.=0.001012, n=33, 3.03% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9729, critical = 0.906. Kappa = 2.481 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Chromium, Total Analysis Run 3/29/2024 11:32 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

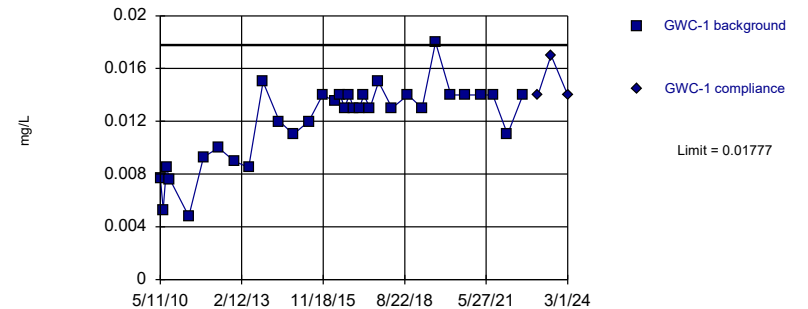


Background Data Summary: Mean=0.007027, Std. Dev.=0.001753, n=33, 3.03% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9666, critical = 0.906. Kappa = 2.481 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Chromium, Total Analysis Run 3/29/2024 11:32 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

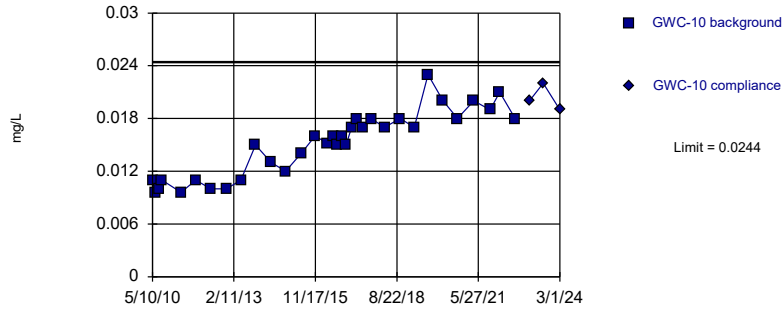


Background Data Summary (based on square transformation): Mean=0.0001527, Std. Dev.=0.00006579, n=33. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9222, critical = 0.906. Kappa = 2.481 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Chromium, Total Analysis Run 3/29/2024 11:32 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

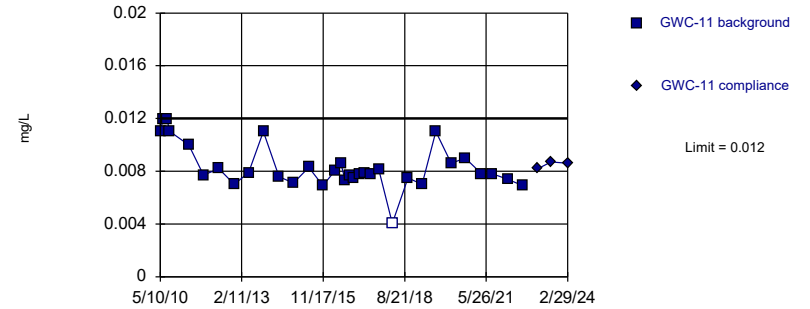


Background Data Summary: Mean=0.01519, Std. Dev.=0.003713, n=33. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9394, critical = 0.906. Kappa = 2.481 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Chromium, Total Analysis Run 3/29/2024 11:32 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

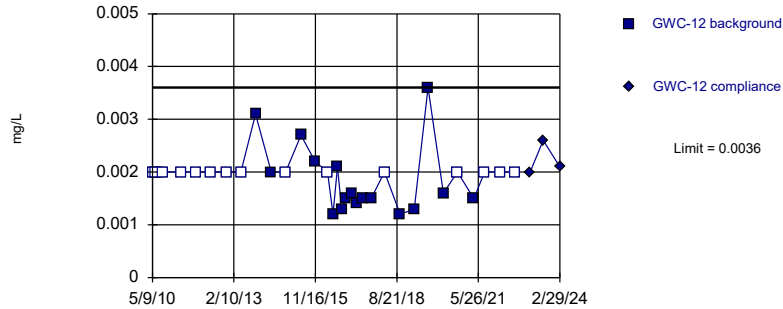


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 33 background values. 3.03% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Chromium, Total Analysis Run 3/29/2024 11:32 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

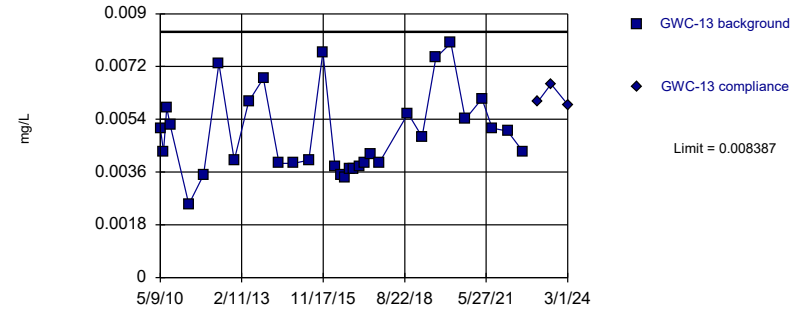


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 33 background values. 45.45% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Chromium, Total Analysis Run 3/29/2024 11:32 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

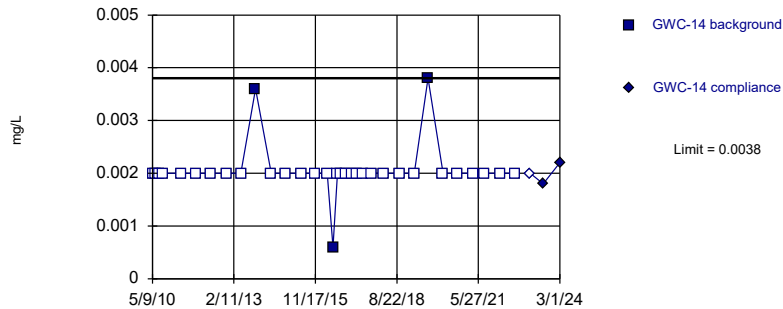


Background Data Summary: Mean=0.004866, Std. Dev.=0.001414, n=32. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9074, critical = 0.904. Kappa = 2.49 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Chromium, Total Analysis Run 3/29/2024 11:32 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

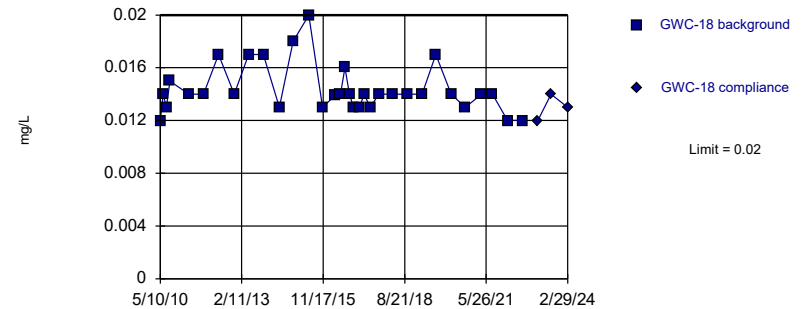


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Chromium, Total Analysis Run 3/29/2024 11:32 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

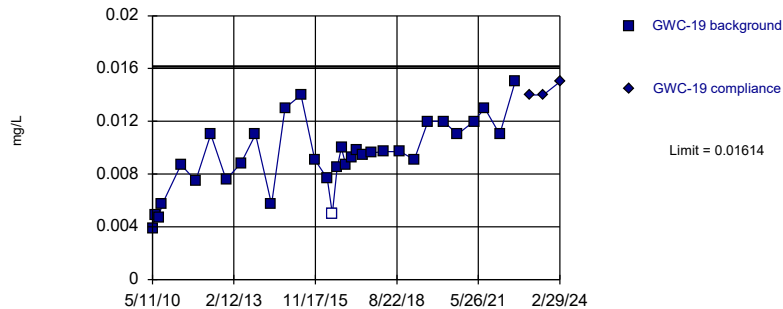


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 33 background values. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Chromium, Total Analysis Run 3/29/2024 11:32 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

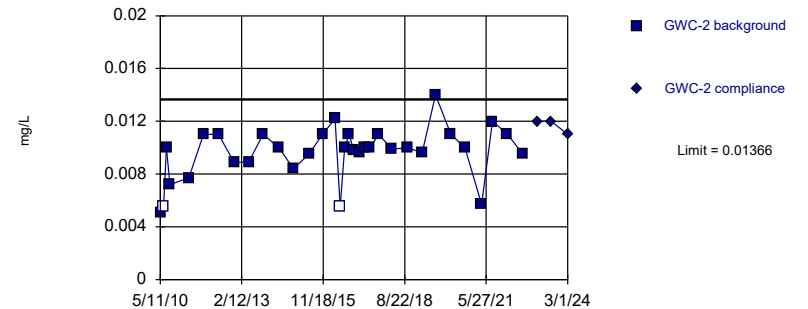


Background Data Summary: Mean=0.009335, Std. Dev.=0.002745, n=33, 3.03% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9697, critical = 0.906. Kappa = 2.481 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Chromium, Total Analysis Run 3/29/2024 11:32 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric



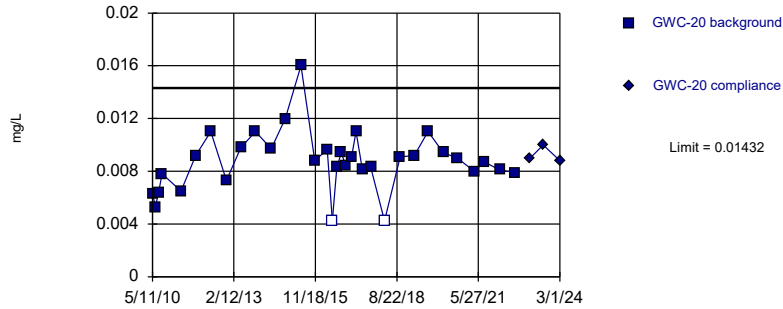
Background Data Summary (based on square transformation): Mean=0.00009621, Std. Dev.=0.0000364, n=33, 6.061% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9323, critical = 0.906. Kappa = 2.481 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Chromium, Total Analysis Run 3/29/2024 11:32 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit

Intrawell Parametric



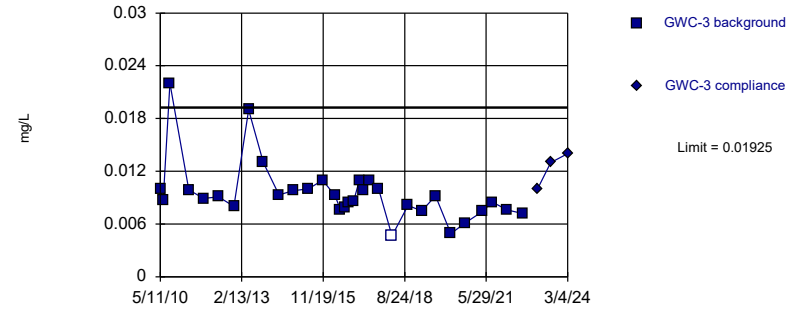
Background Data Summary: Mean=0.008735, Std. Dev.=0.002253, n=33, 6.061% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9385, critical = 0.906. Kappa = 2.481 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Chromium, Total Analysis Run 3/29/2024 11:32 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit

Intrawell Parametric



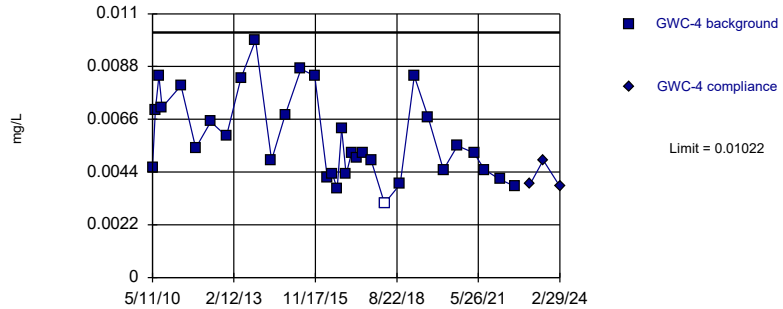
Background Data Summary (based on natural log transformation): Mean=4.706, Std. Dev.=0.3037, n=32, 3.125% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9069, critical = 0.904. Kappa = 2.49 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Chromium, Total Analysis Run 3/29/2024 11:32 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit

Intrawell Parametric



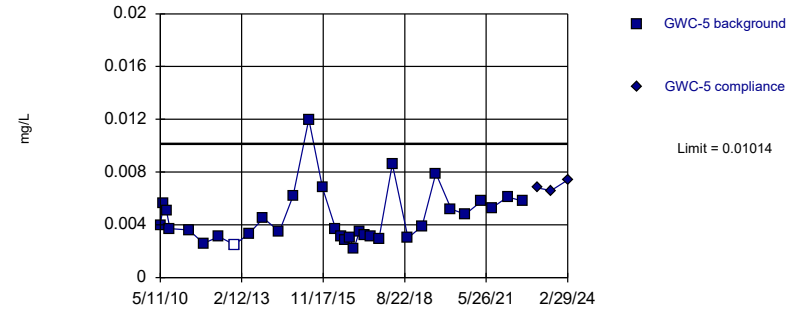
Background Data Summary: Mean=0.005836, Std. Dev.=0.001766, n=33, 3.03% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9302, critical = 0.906. Kappa = 2.481 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Chromium, Total Analysis Run 3/29/2024 11:32 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit

Intrawell Parametric

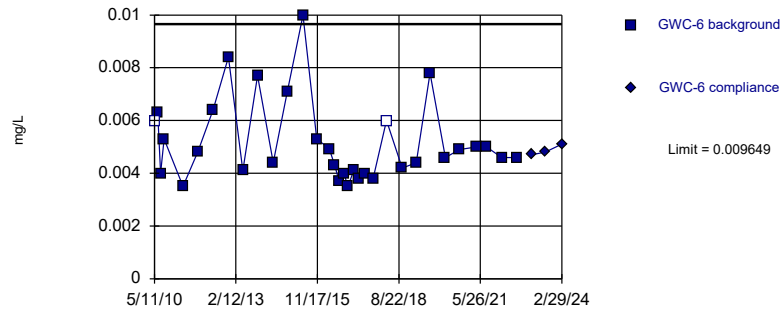


Background Data Summary (based on square root transformation): Mean=0.06609, Std. Dev.=0.01395, n=33, 3.03% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9075, critical = 0.906. Kappa = 2.481 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Chromium, Total Analysis Run 3/29/2024 11:32 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

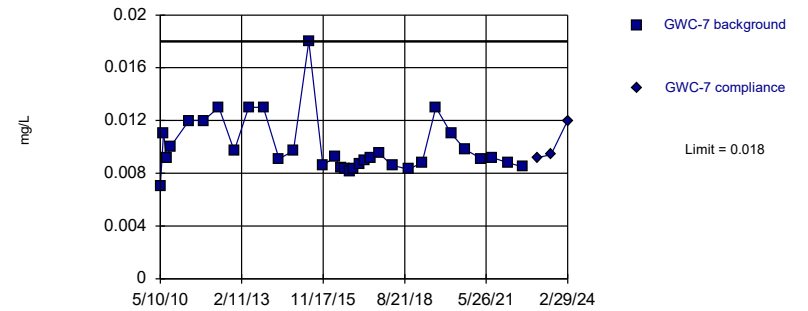


Background Data Summary (based on natural log transformation): Mean=5.302, Std. Dev.=0.2667, n=33, 6.061% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9178, critical = 0.906. Kappa = 2.481 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Chromium, Total Analysis Run 3/29/2024 11:32 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

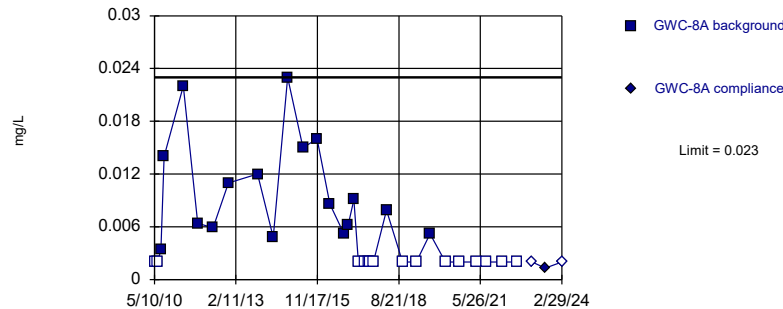


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 33 background values. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Chromium, Total Analysis Run 3/29/2024 11:32 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

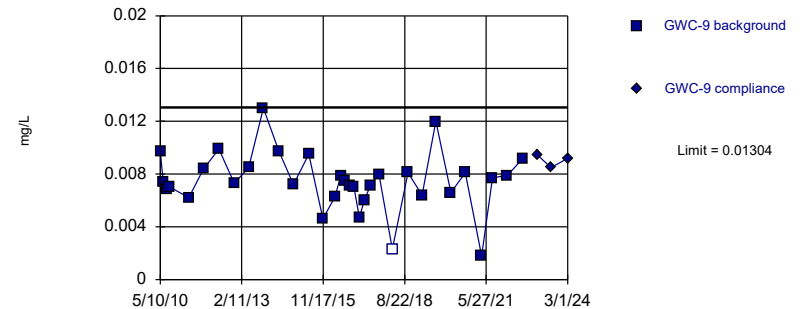


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 32 background values. 46.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Chromium, Total Analysis Run 3/29/2024 11:32 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

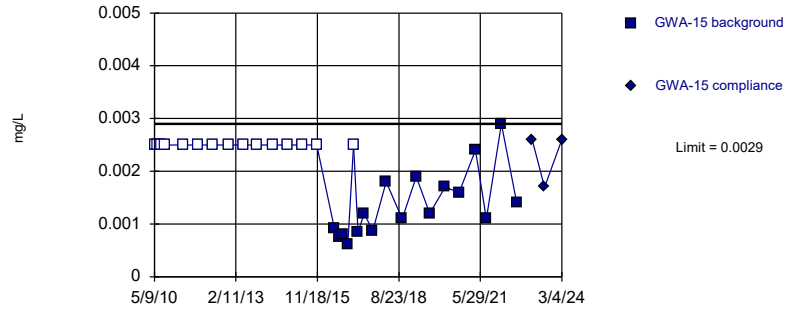


Background Data Summary: Mean=0.007481, Std. Dev.=0.002241, n=33, 3.03% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9456, critical = 0.906. Kappa = 2.481 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Chromium, Total Analysis Run 3/29/2024 11:32 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

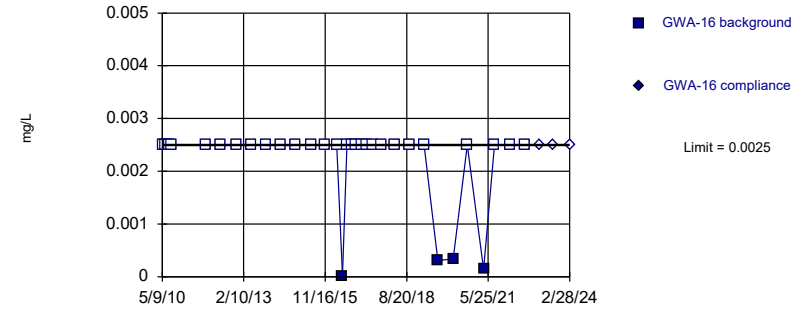


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 32 background values. 46.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Cobalt, Total Analysis Run 3/29/2024 11:32 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

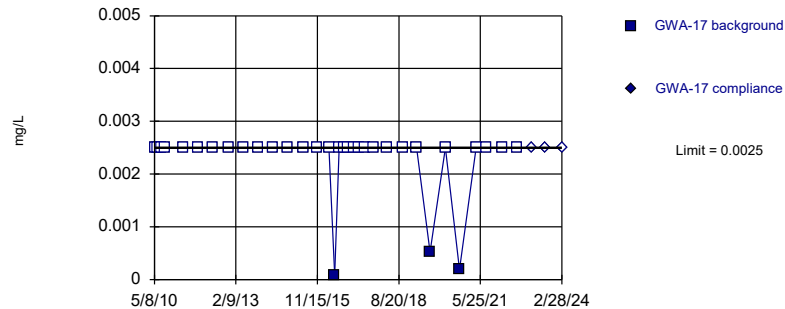


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Cobalt, Total Analysis Run 3/29/2024 11:32 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

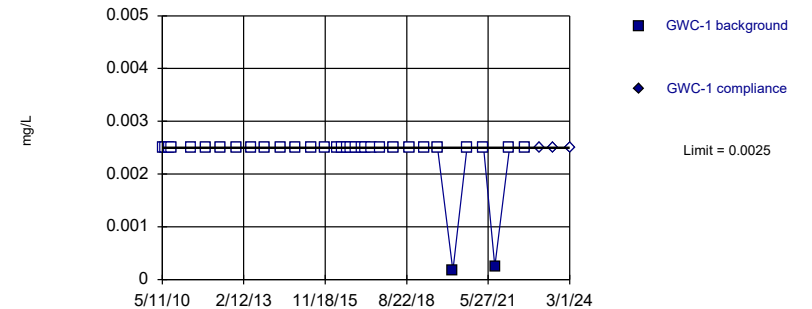


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Cobalt, Total Analysis Run 3/29/2024 11:32 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

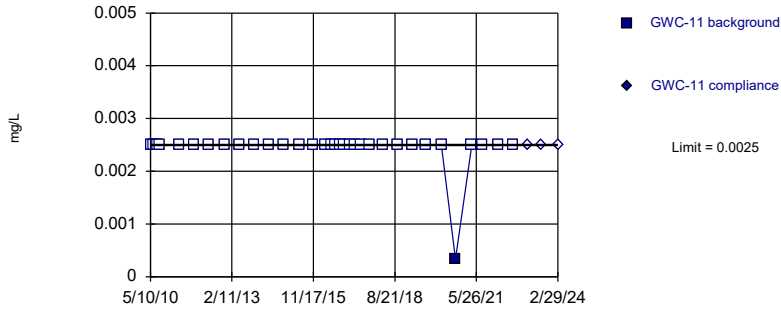


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 93.94% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Cobalt, Total Analysis Run 3/29/2024 11:32 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

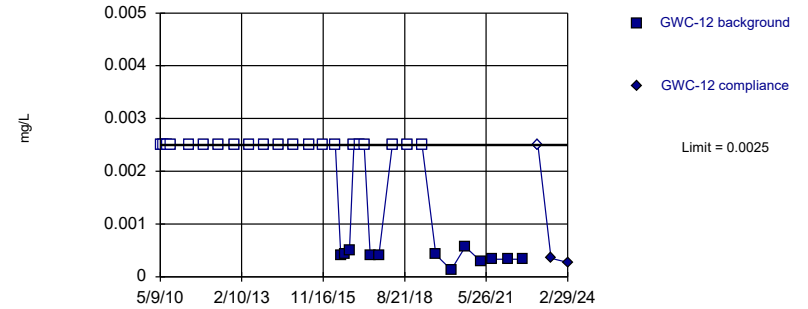


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Cobalt, Total Analysis Run 3/29/2024 11:32 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

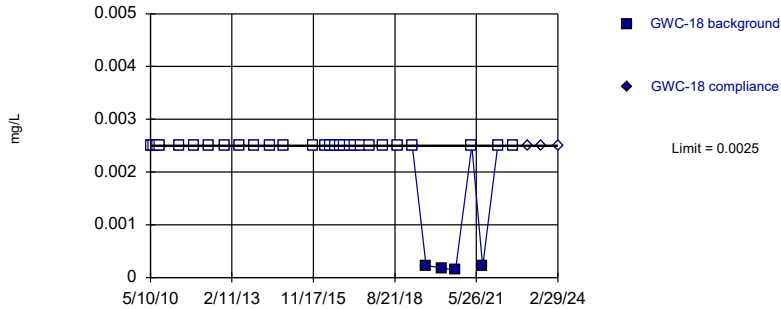


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 63.64% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Cobalt, Total Analysis Run 3/29/2024 11:32 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

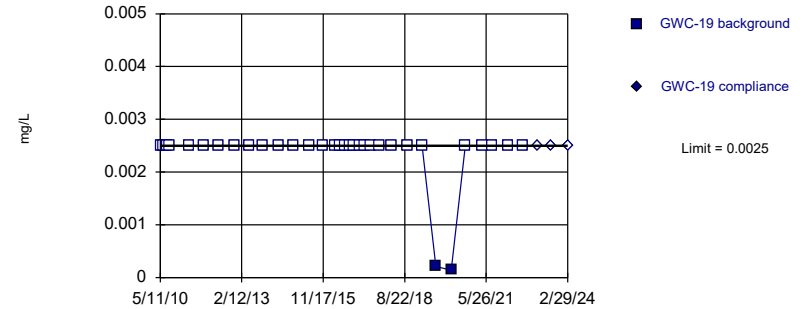


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Cobalt, Total Analysis Run 3/29/2024 11:32 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

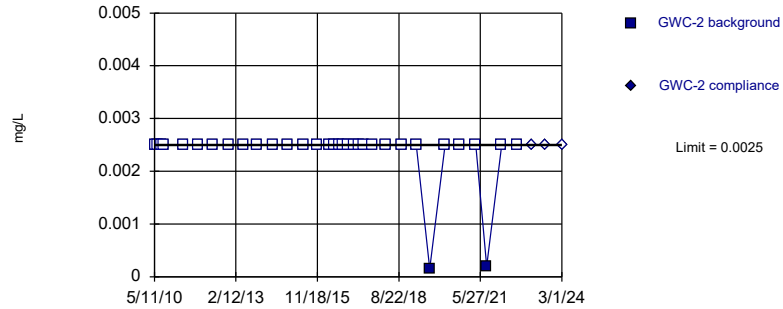


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 93.94% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Cobalt, Total Analysis Run 3/29/2024 11:32 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

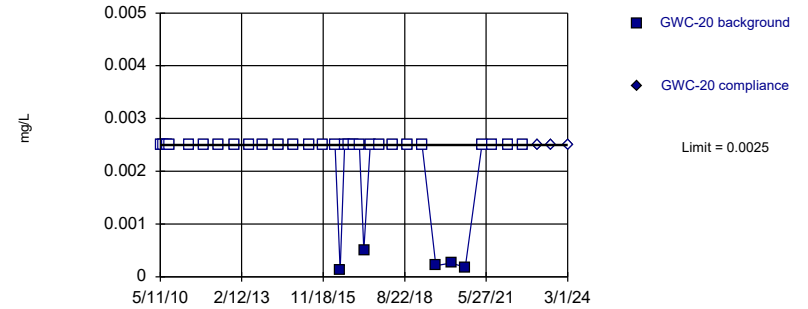


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 93.94% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Cobalt, Total Analysis Run 3/29/2024 11:32 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

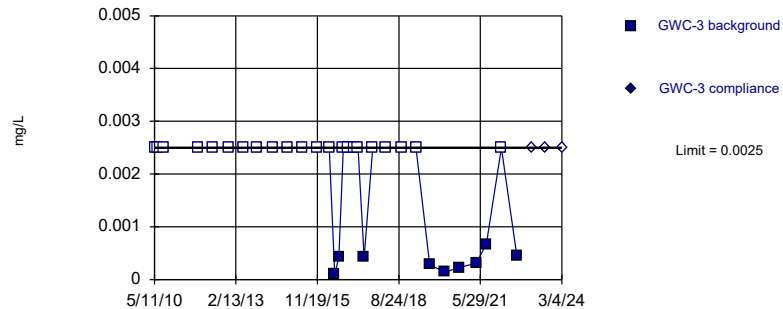


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 84.85% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Cobalt, Total Analysis Run 3/29/2024 11:32 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

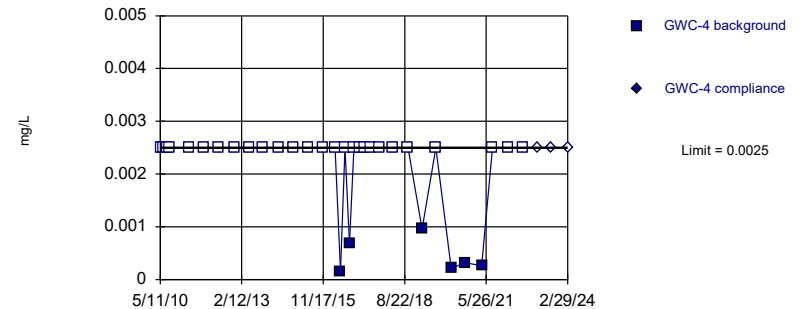


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 70.97% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

Constituent: Cobalt, Total Analysis Run 3/29/2024 11:32 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

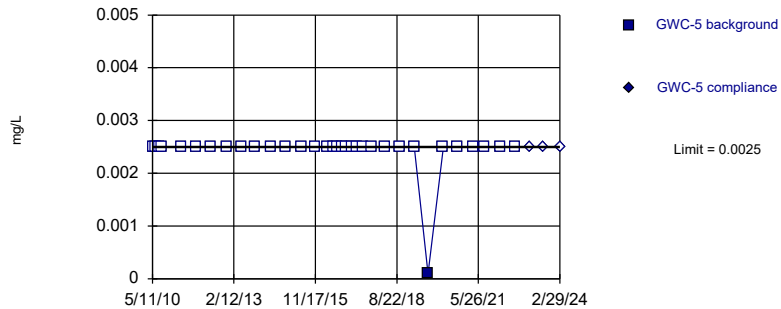


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 81.82% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Cobalt, Total Analysis Run 3/29/2024 11:32 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

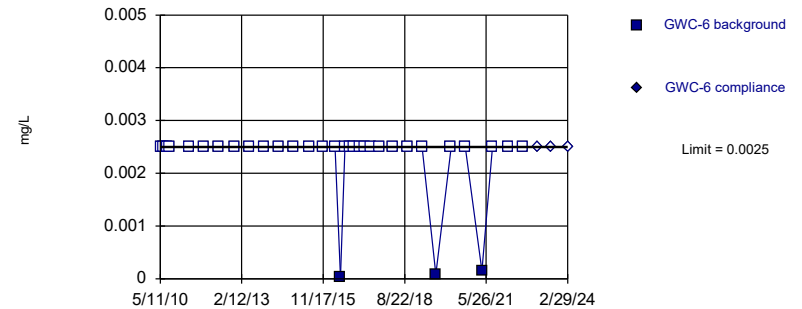


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Cobalt, Total Analysis Run 3/29/2024 11:32 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

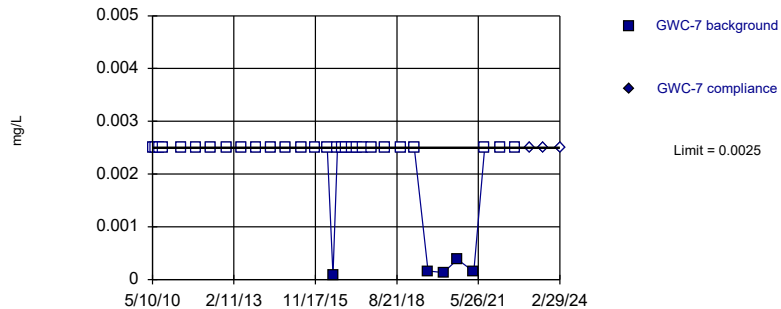


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Cobalt, Total Analysis Run 3/29/2024 11:32 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

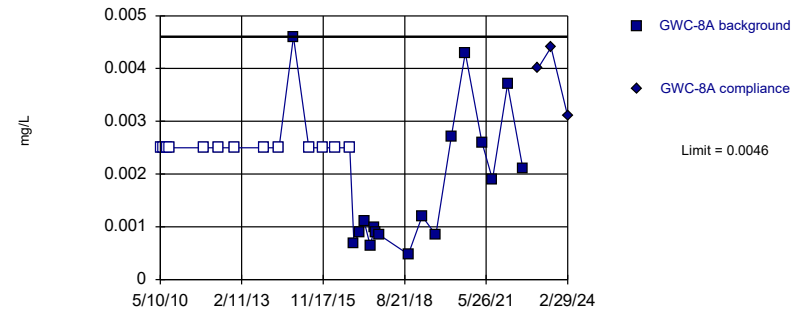


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 84.85% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Cobalt, Total Analysis Run 3/29/2024 11:32 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

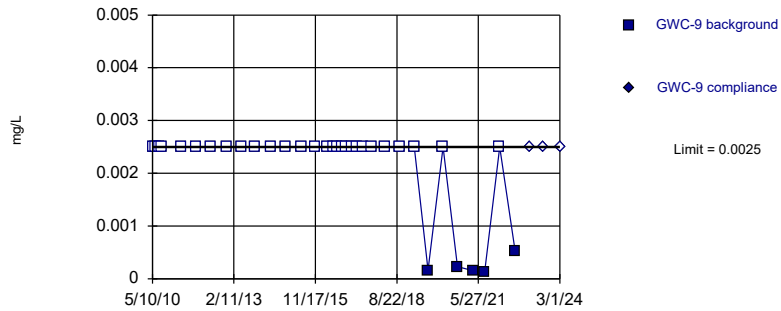


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 30 background values. 43.33% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

Constituent: Cobalt, Total Analysis Run 3/29/2024 11:32 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

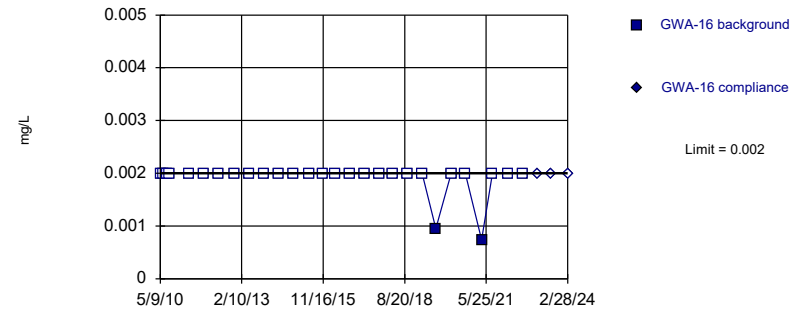


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 84.85% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Cobalt, Total Analysis Run 3/29/2024 11:32 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

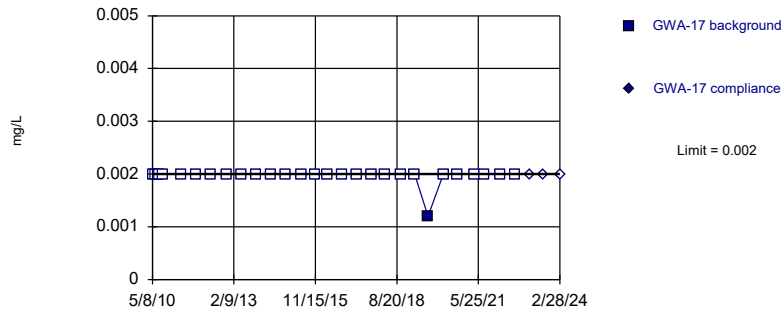


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 92.86% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Copper Analysis Run 3/29/2024 11:32 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

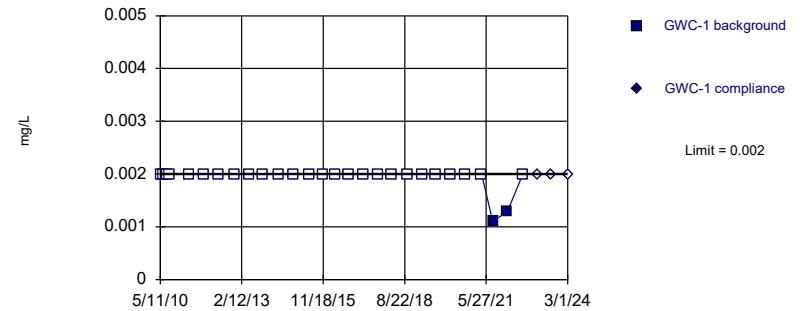


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Copper Analysis Run 3/29/2024 11:32 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

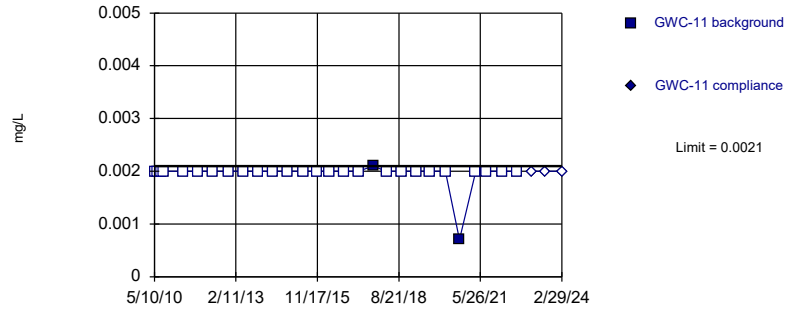


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 92.86% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Copper Analysis Run 3/29/2024 11:32 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

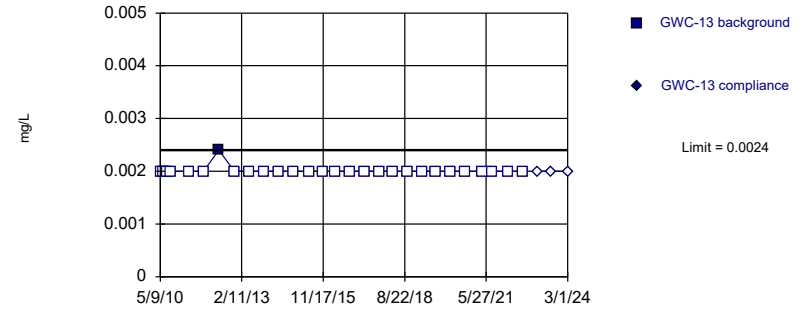


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 92.86% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Copper Analysis Run 3/29/2024 11:32 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

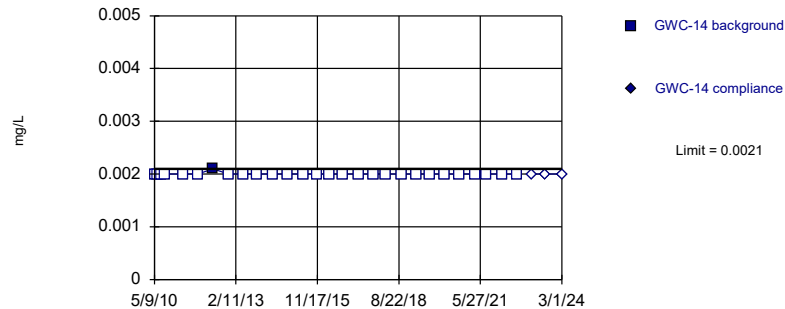


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Copper Analysis Run 3/29/2024 11:32 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

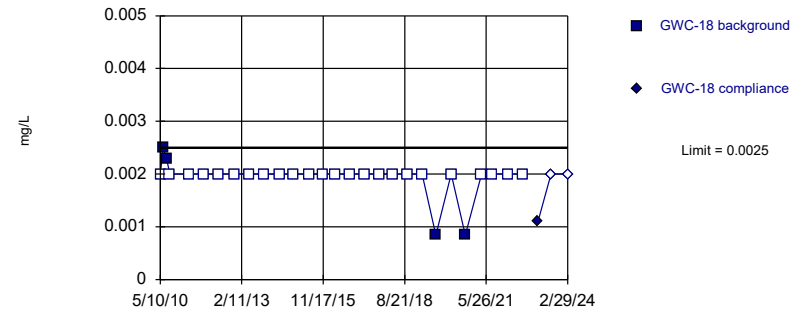


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Copper Analysis Run 3/29/2024 11:32 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

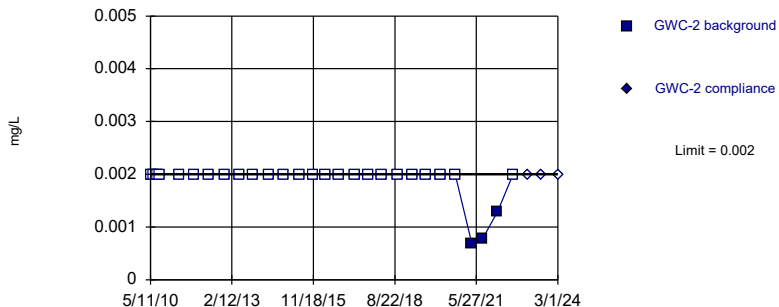


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Copper Analysis Run 3/29/2024 11:32 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

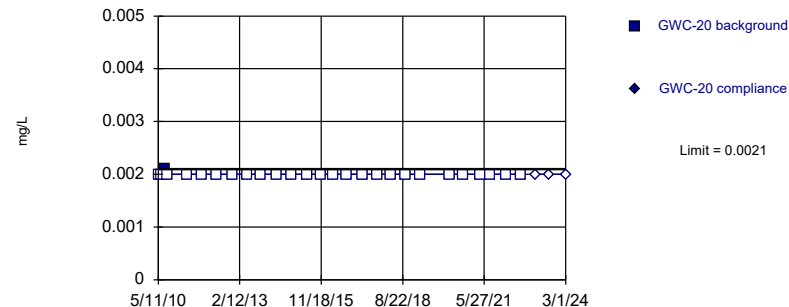


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 89.29% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Copper Analysis Run 3/29/2024 11:33 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

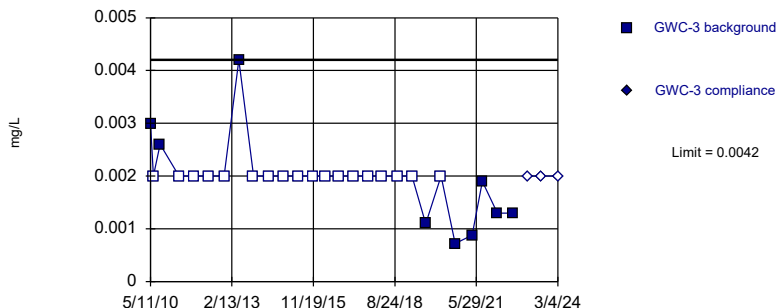


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 96.3% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Copper Analysis Run 3/29/2024 11:33 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

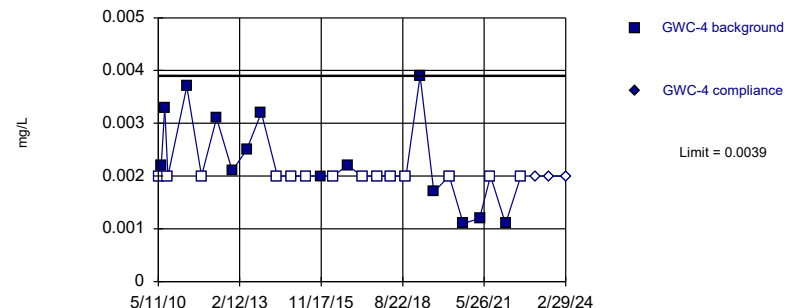


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Copper Analysis Run 3/29/2024 11:33 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

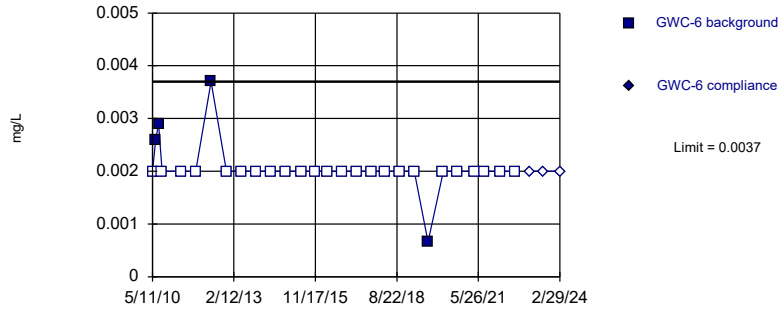


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 28 background values. 50% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Copper Analysis Run 3/29/2024 11:33 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

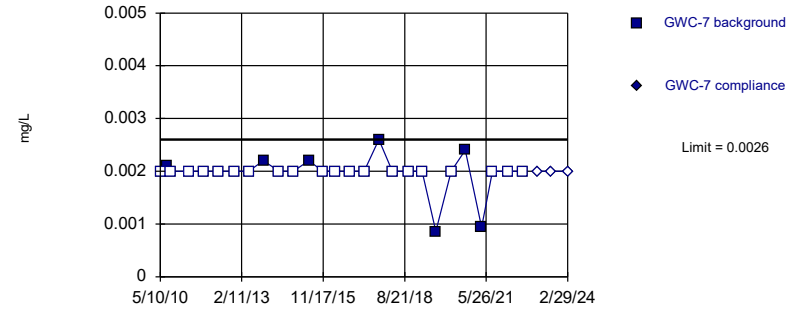


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Copper Analysis Run 3/29/2024 11:33 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

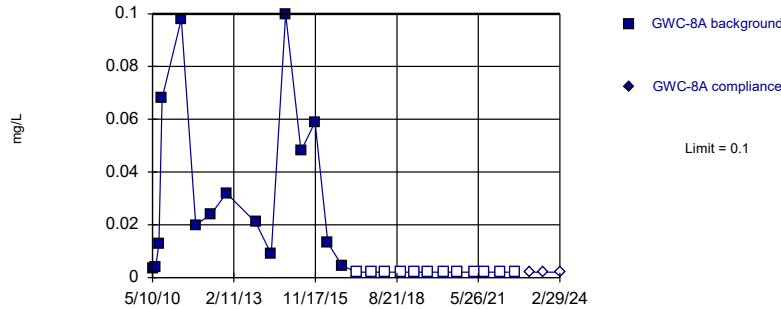


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 74.07% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Copper Analysis Run 3/29/2024 11:33 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

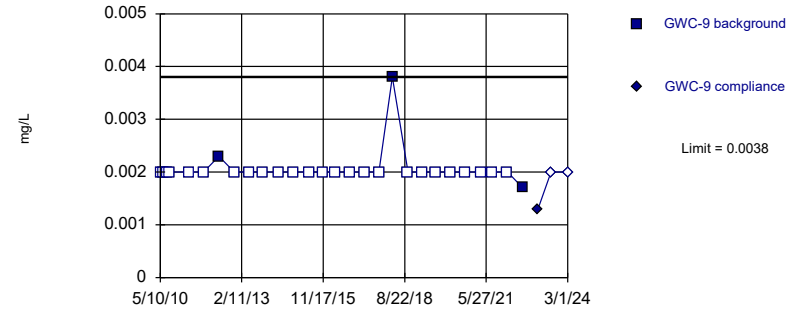


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 27 background values. 44.44% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Copper Analysis Run 3/29/2024 11:33 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

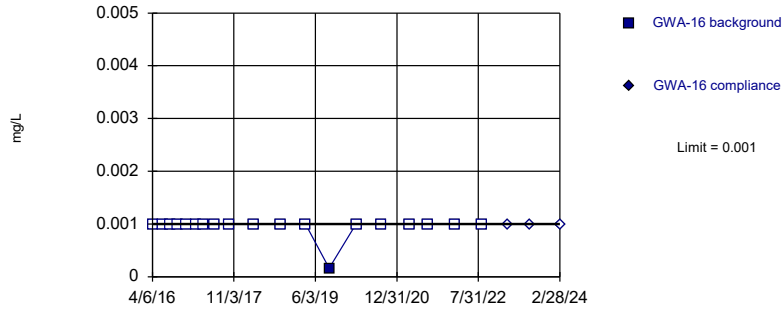


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 89.29% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Copper Analysis Run 3/29/2024 11:33 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

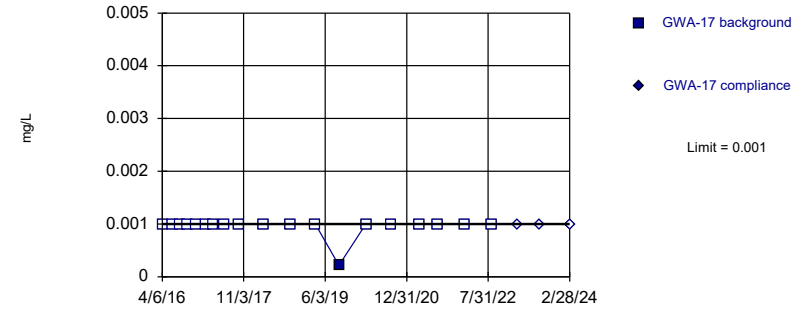


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 94.74% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Lead, Total Analysis Run 3/29/2024 11:33 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

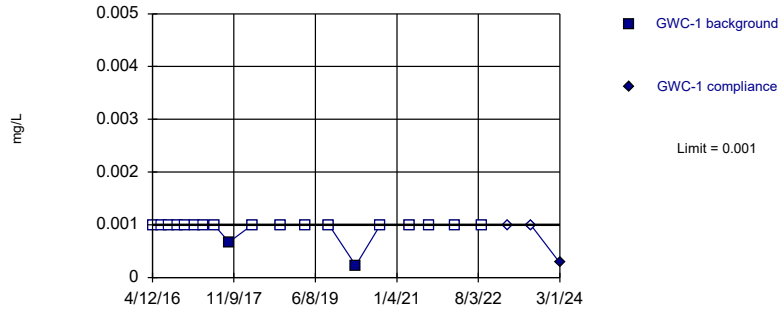


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 94.74% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Lead, Total Analysis Run 3/29/2024 11:33 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

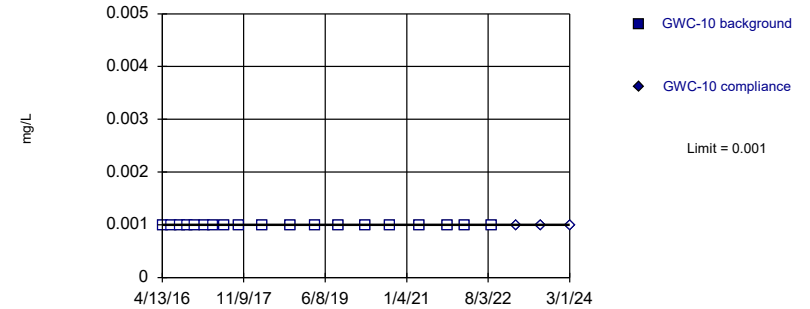


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 89.47% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Lead, Total Analysis Run 3/29/2024 11:33 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

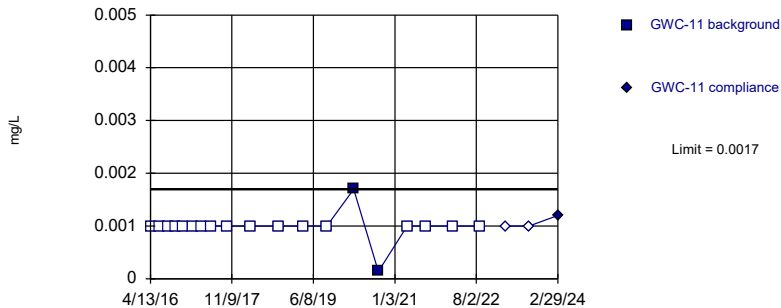


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 19) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Lead, Total Analysis Run 3/29/2024 11:33 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

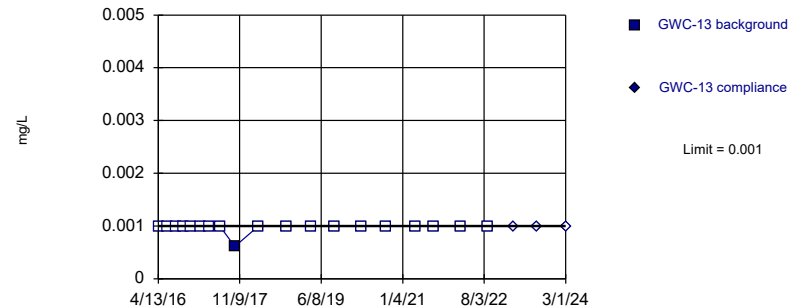


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 89.47% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Lead, Total Analysis Run 3/29/2024 11:33 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

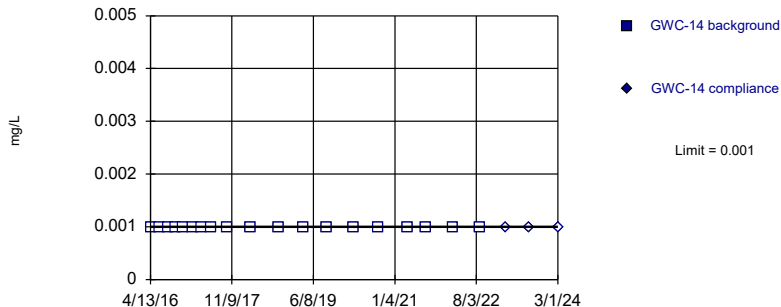


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 94.74% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Lead, Total Analysis Run 3/29/2024 11:33 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

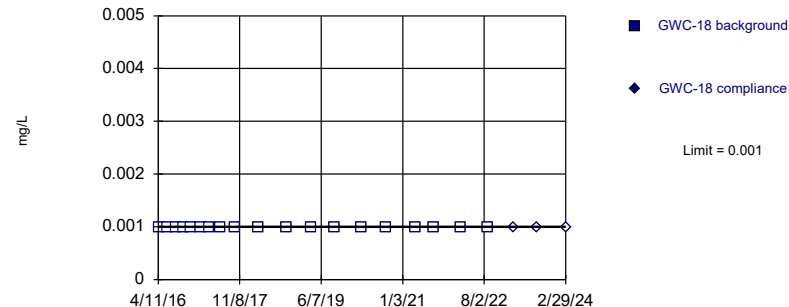


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 19) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Lead, Total Analysis Run 3/29/2024 11:33 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

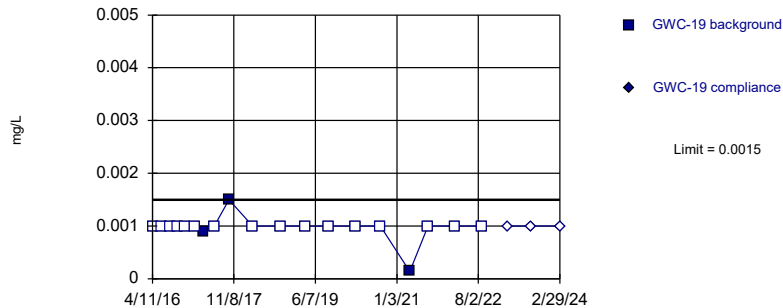


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 19) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Lead, Total Analysis Run 3/29/2024 11:33 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

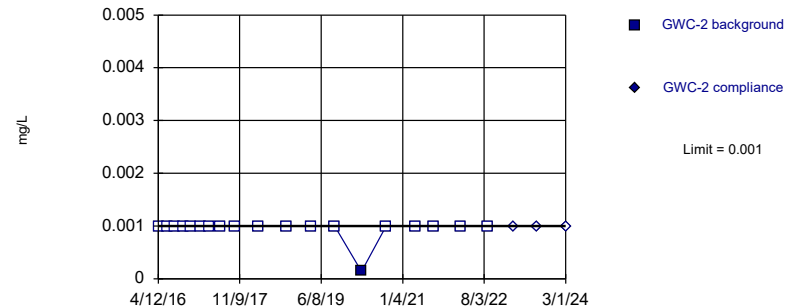


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 84.21% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Lead, Total Analysis Run 3/29/2024 11:33 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

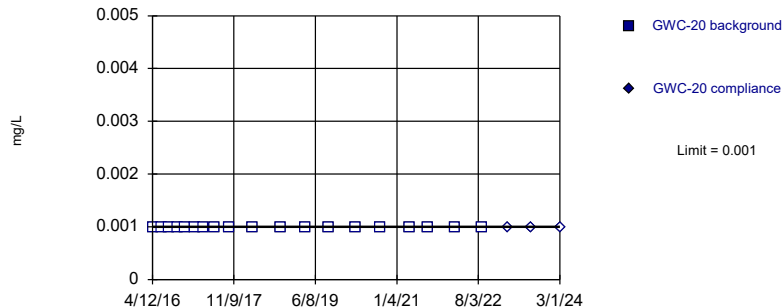


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 94.74% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Lead, Total Analysis Run 3/29/2024 11:33 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

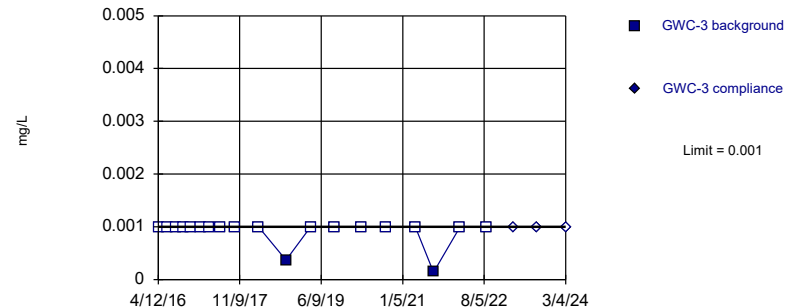


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 19) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Lead, Total Analysis Run 3/29/2024 11:33 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

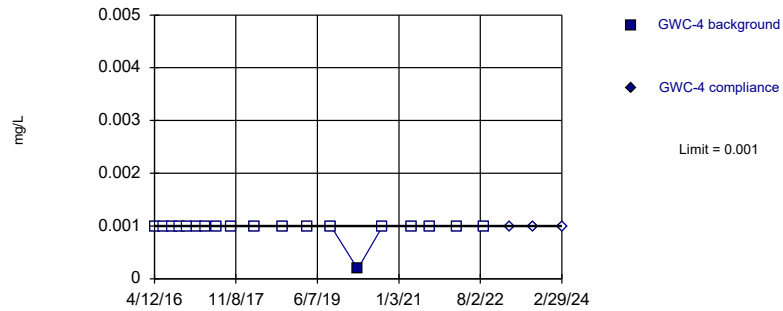


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 89.47% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Lead, Total Analysis Run 3/29/2024 11:33 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

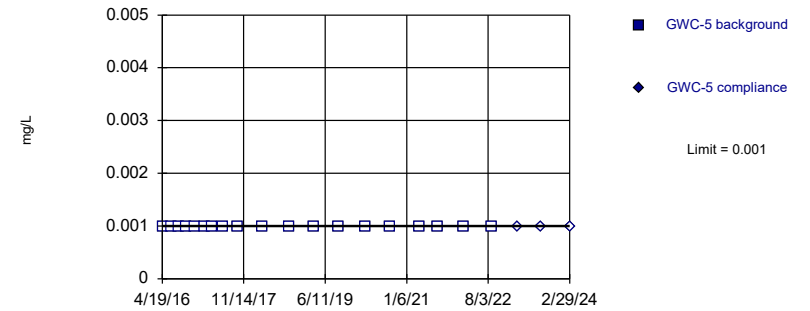


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 94.74% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Lead, Total Analysis Run 3/29/2024 11:33 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

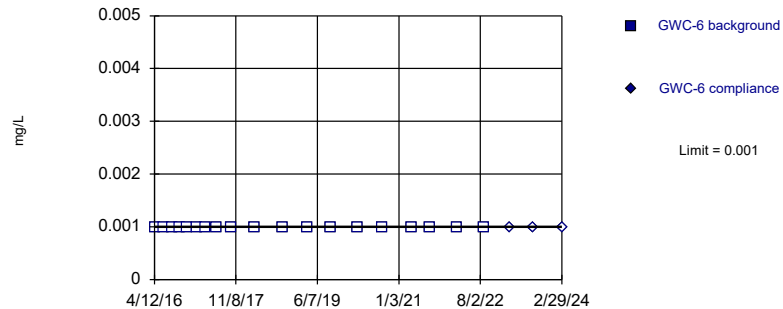


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 19) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Lead, Total Analysis Run 3/29/2024 11:33 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

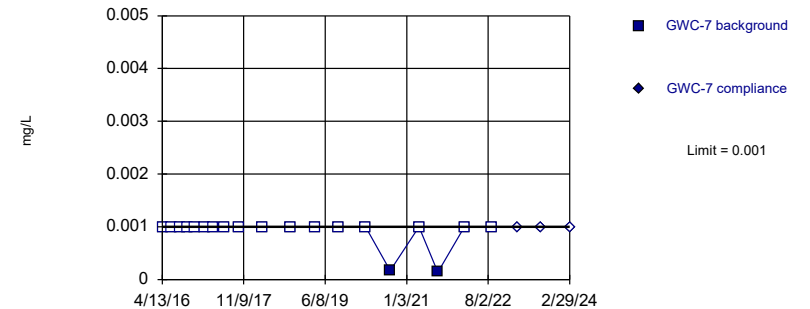


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 19) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Lead, Total Analysis Run 3/29/2024 11:33 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

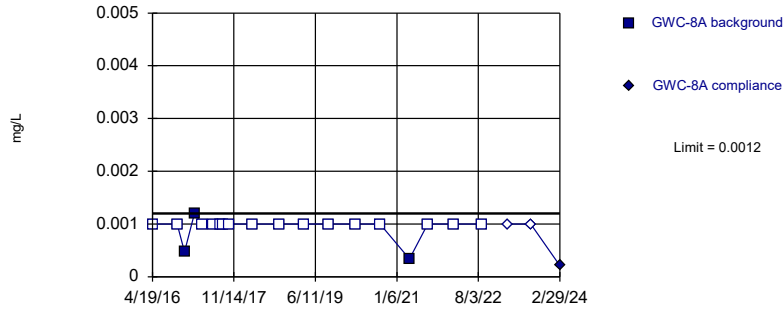


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 89.47% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Lead, Total Analysis Run 3/29/2024 11:33 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

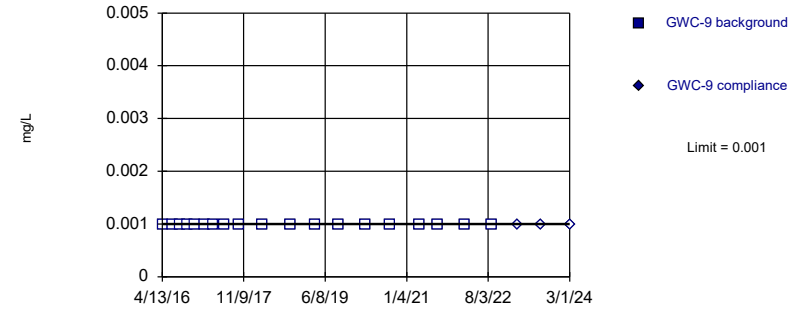


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 84.21% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Lead, Total Analysis Run 3/29/2024 11:33 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

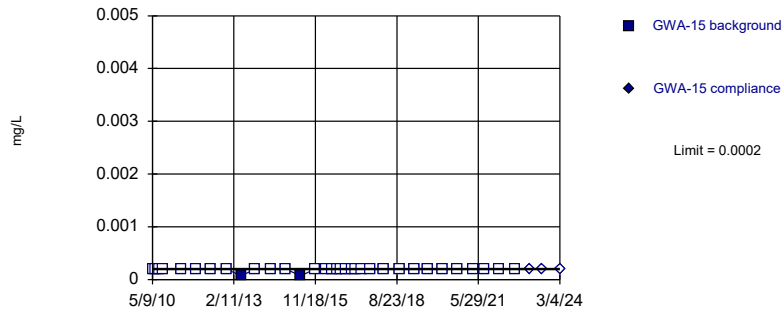


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 19) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Lead, Total Analysis Run 3/29/2024 11:33 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

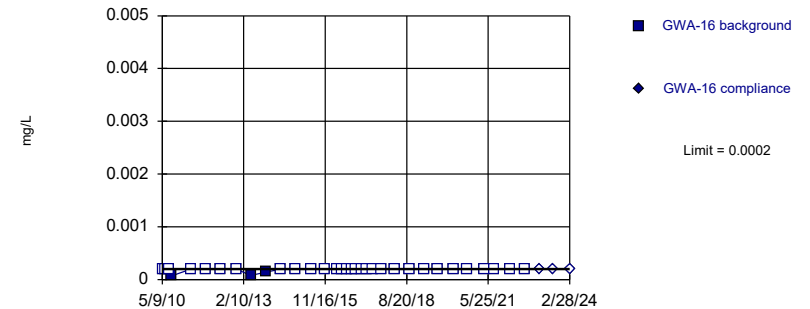


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 93.94% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Mercury Analysis Run 3/29/2024 11:33 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

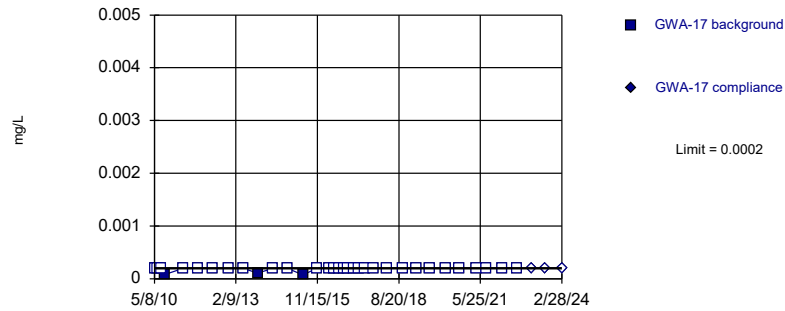


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Mercury Analysis Run 3/29/2024 11:33 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

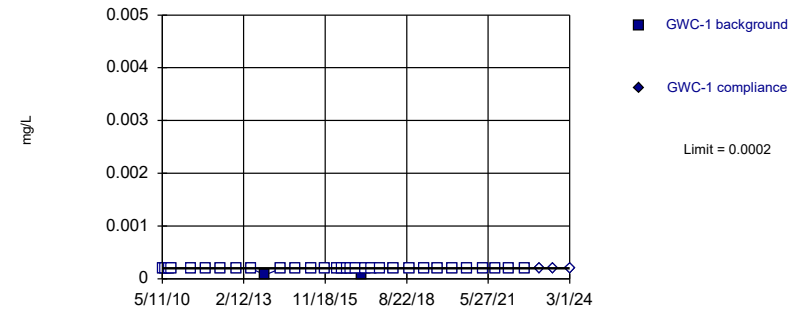


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Mercury Analysis Run 3/29/2024 11:33 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

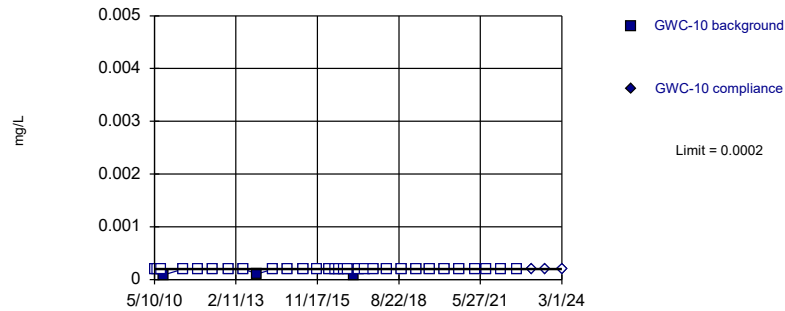


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 93.94% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Mercury Analysis Run 3/29/2024 11:33 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

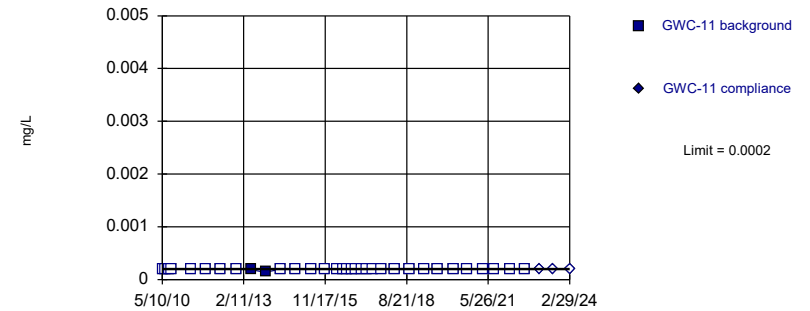


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Mercury Analysis Run 3/29/2024 11:33 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

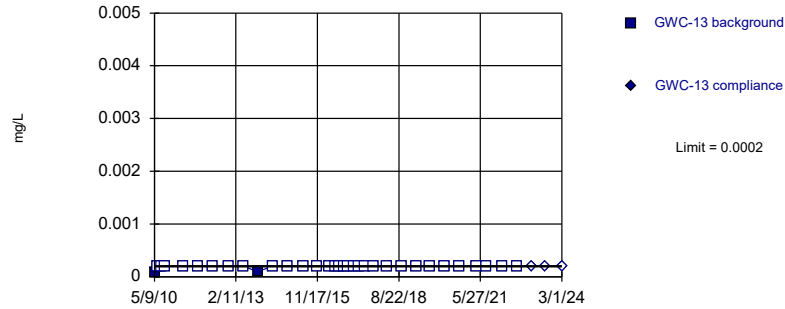


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 93.94% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Mercury Analysis Run 3/29/2024 11:33 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

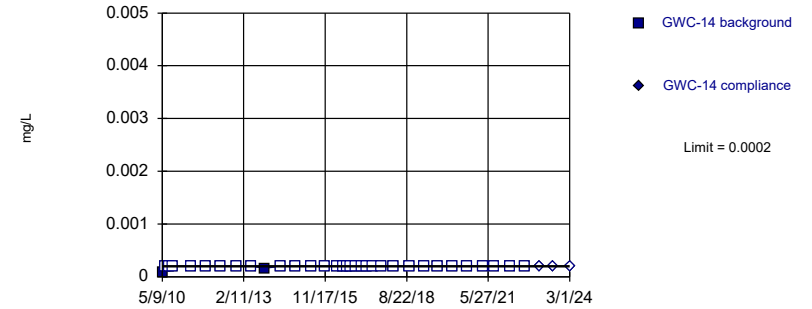


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 93.94% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Mercury Analysis Run 3/29/2024 11:33 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

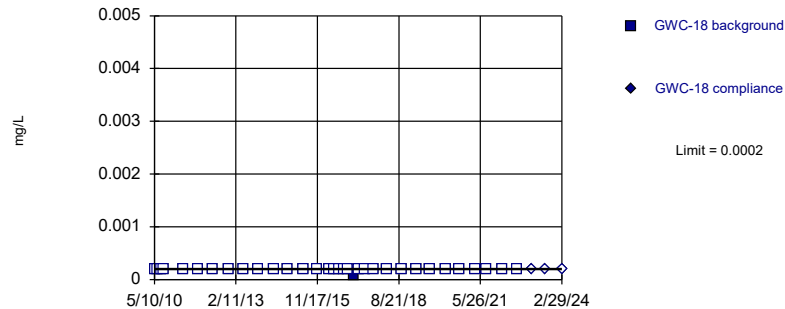


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 93.94% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Mercury Analysis Run 3/29/2024 11:33 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

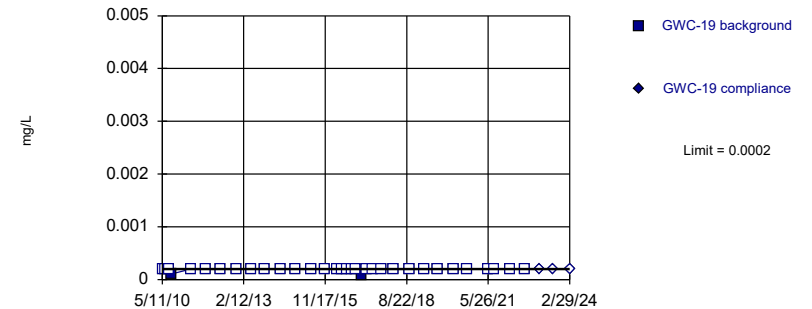


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Mercury Analysis Run 3/29/2024 11:33 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

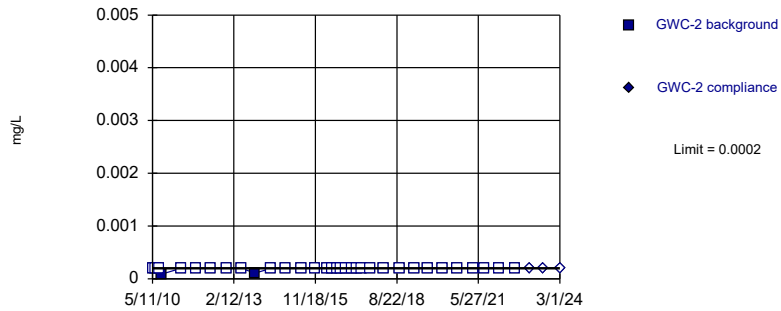


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 93.94% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Mercury Analysis Run 3/29/2024 11:33 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

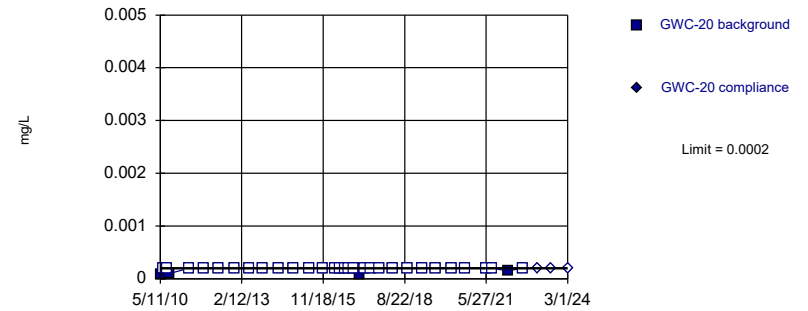


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 93.94% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Mercury Analysis Run 3/29/2024 11:33 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

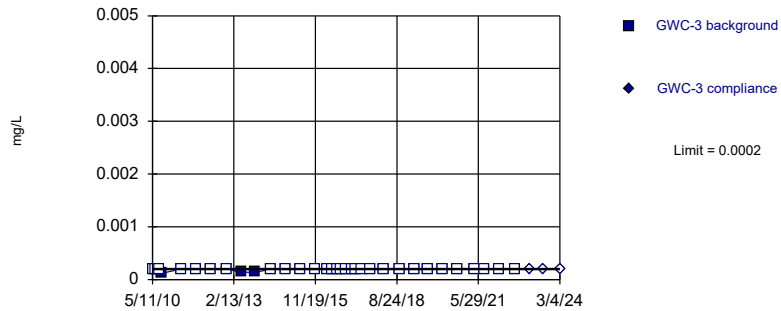


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 87.88% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Mercury Analysis Run 3/29/2024 11:33 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

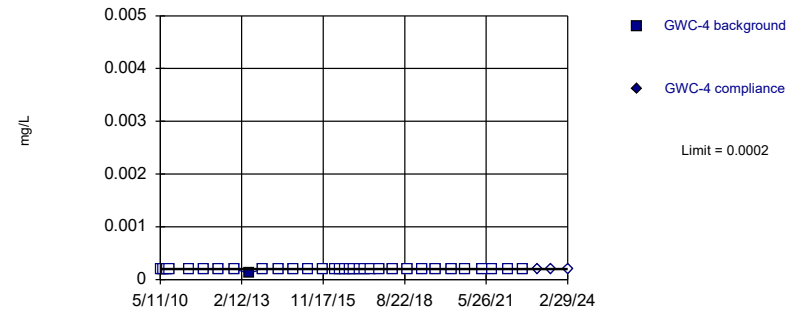


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Mercury Analysis Run 3/29/2024 11:33 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

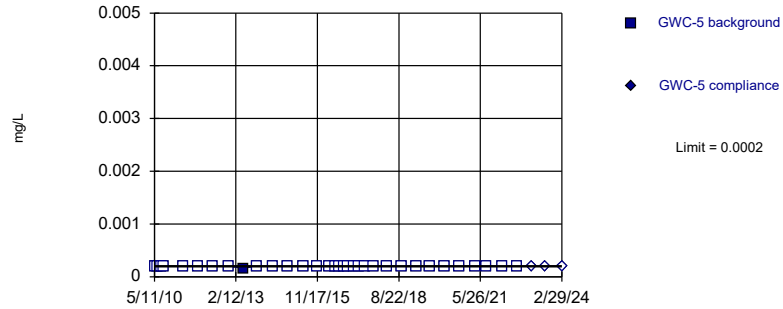


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Mercury Analysis Run 3/29/2024 11:33 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

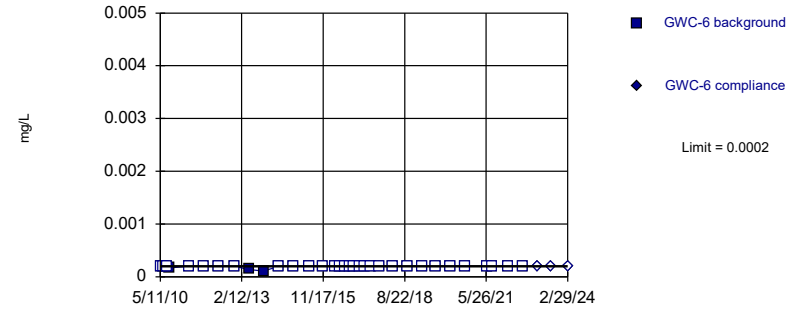


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Mercury Analysis Run 3/29/2024 11:33 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

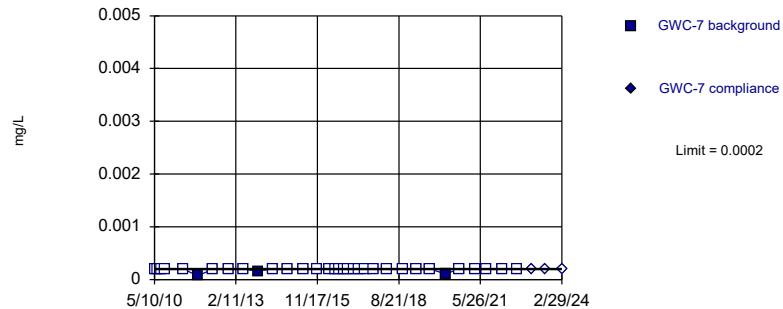


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Mercury Analysis Run 3/29/2024 11:33 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

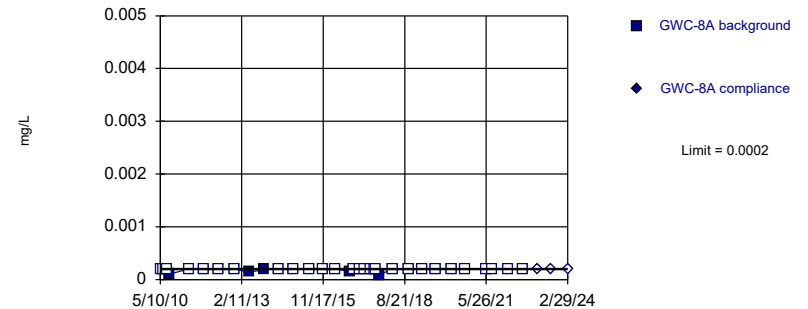


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Mercury Analysis Run 3/29/2024 11:33 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

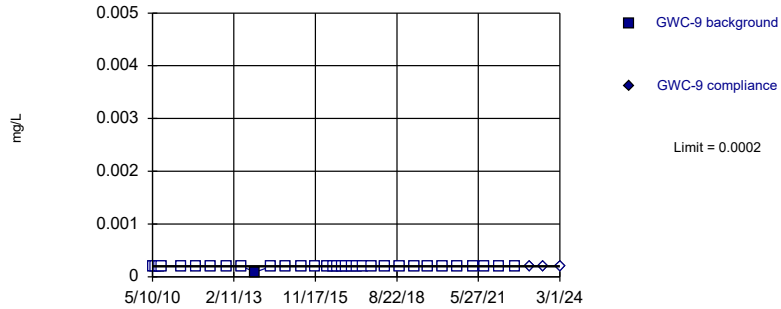


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 84.85% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Mercury Analysis Run 3/29/2024 11:33 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

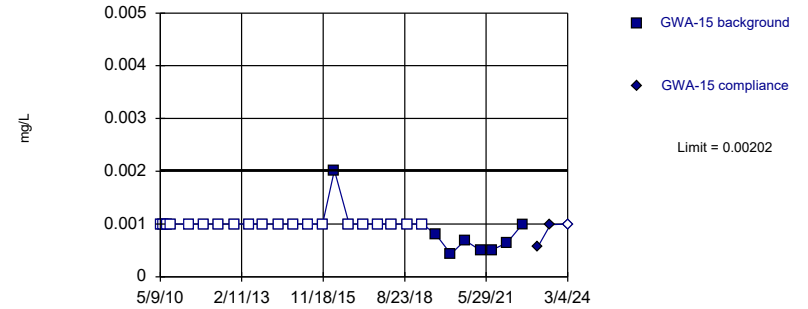


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Mercury Analysis Run 3/29/2024 11:33 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

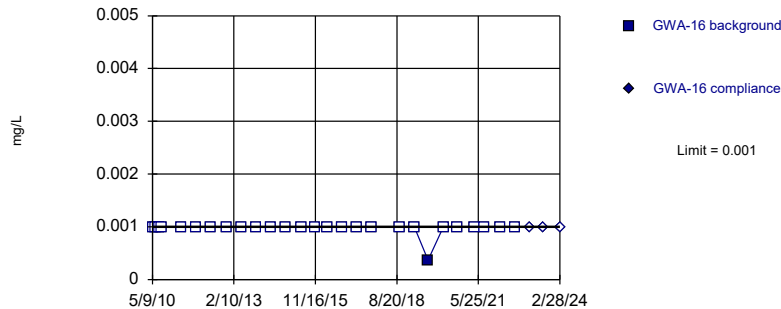


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Nickel Analysis Run 3/29/2024 11:33 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

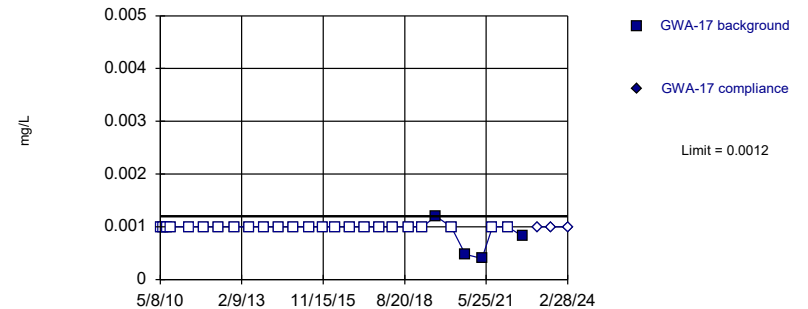


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 96.3% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Nickel Analysis Run 3/29/2024 11:33 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

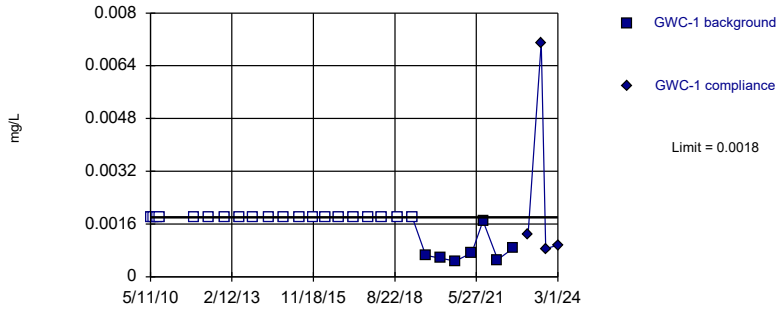


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Nickel Analysis Run 3/29/2024 11:33 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

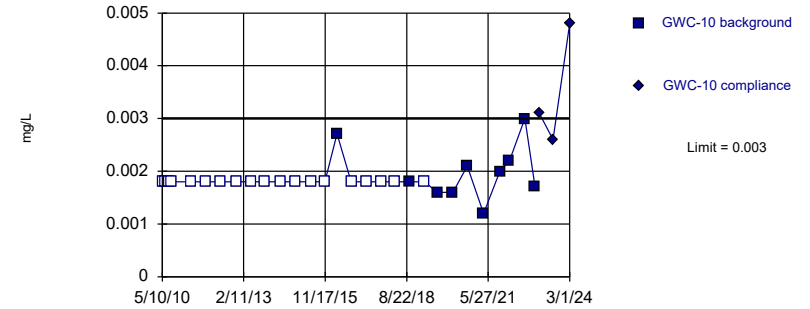


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 74.07% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Nickel Analysis Run 3/29/2024 11:33 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Exceeds Limit

Prediction Limit
Intrawell Non-parametric

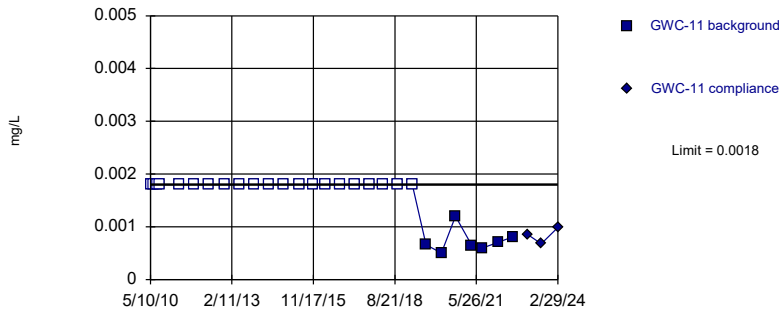


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 65.52% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Nickel Analysis Run 3/29/2024 11:33 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

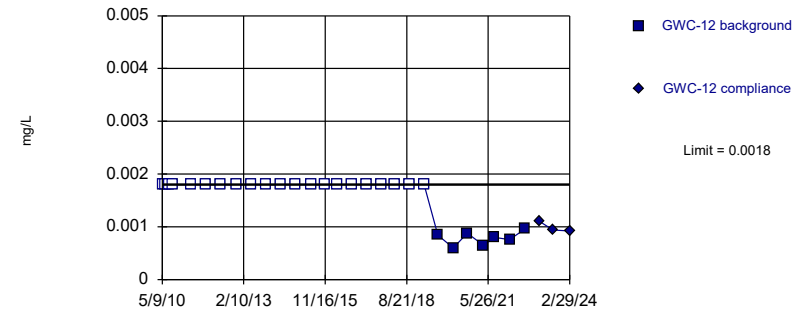


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 75% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Nickel Analysis Run 3/29/2024 11:33 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

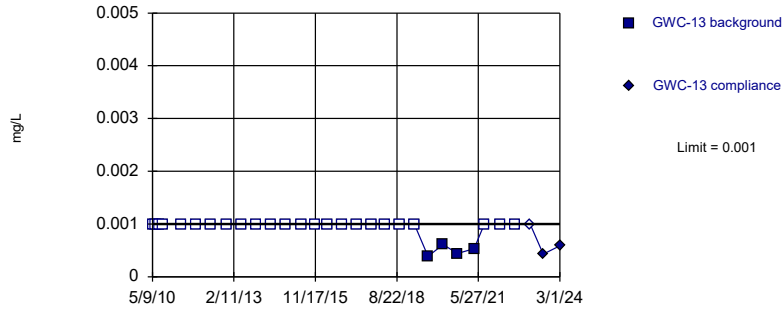


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 75% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Nickel Analysis Run 3/29/2024 11:33 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

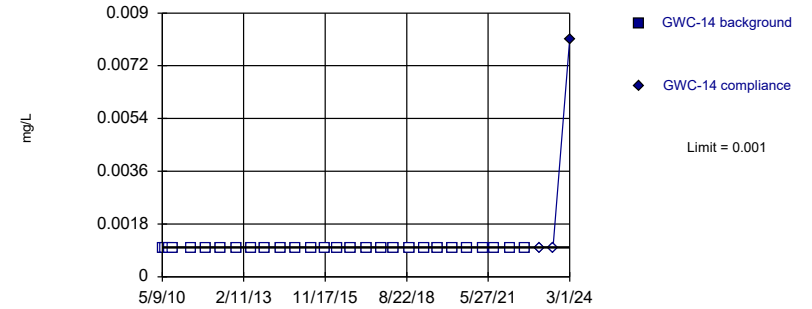


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Nickel Analysis Run 3/29/2024 11:33 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Exceeds Limit

Prediction Limit
Intrawell Non-parametric

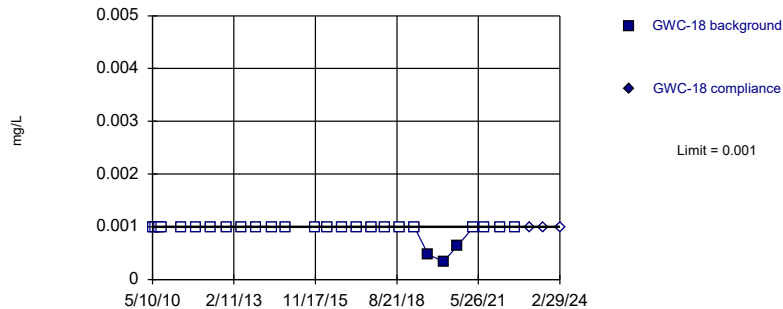


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 28) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Nickel Analysis Run 3/29/2024 11:33 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

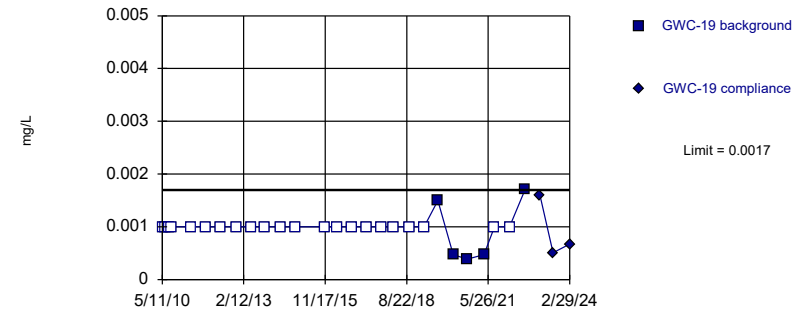


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 88.89% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Nickel Analysis Run 3/29/2024 11:33 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

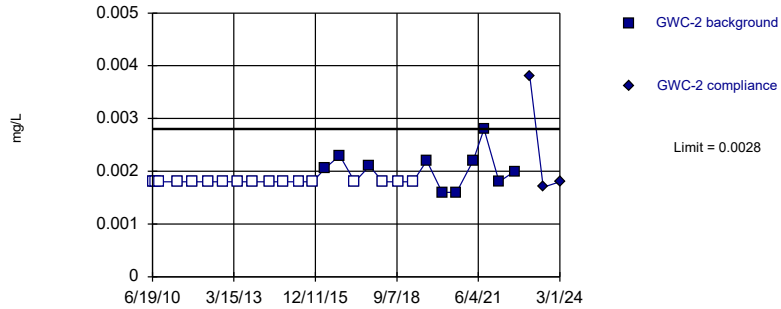


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 81.48% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Nickel Analysis Run 3/29/2024 11:33 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

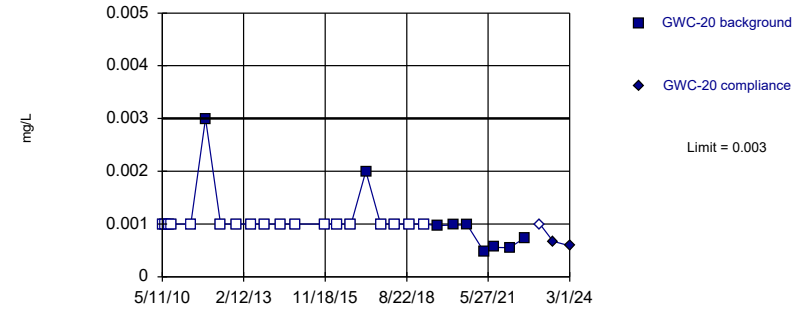


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 62.96% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Nickel Analysis Run 3/29/2024 11:33 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

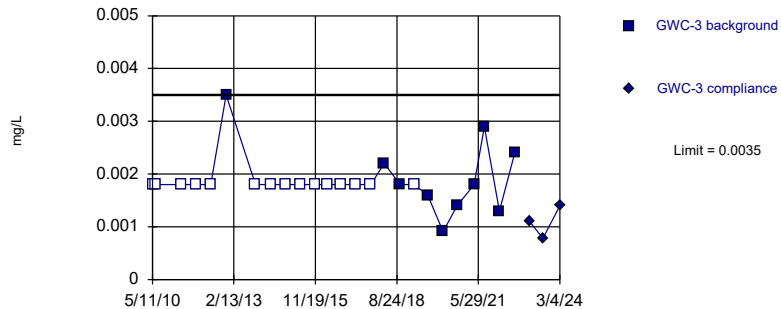


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Nickel Analysis Run 3/29/2024 11:33 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

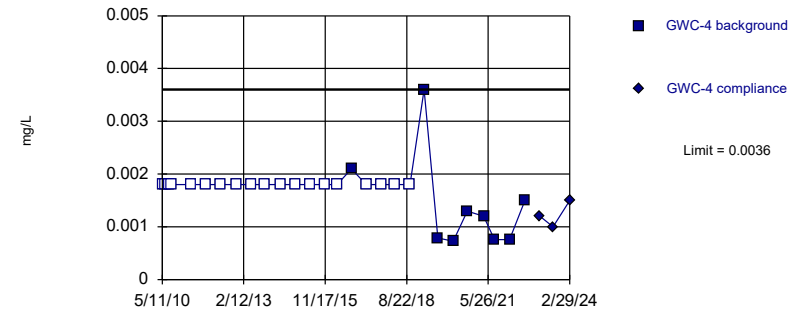


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 60% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

Constituent: Nickel Analysis Run 3/29/2024 11:34 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

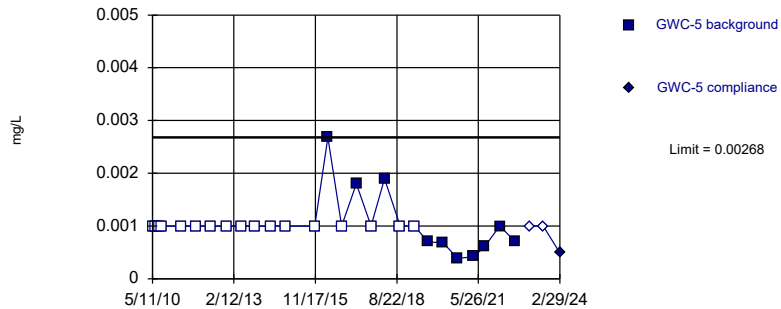


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 67.86% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Nickel Analysis Run 3/29/2024 11:34 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

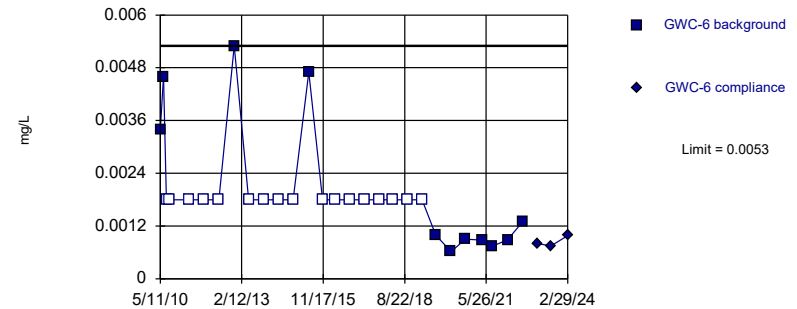


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 62.96% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Nickel Analysis Run 3/29/2024 11:34 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

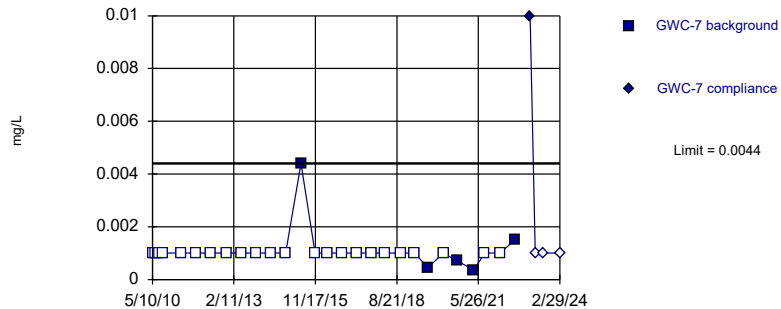


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 60.71% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Nickel Analysis Run 3/29/2024 11:34 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

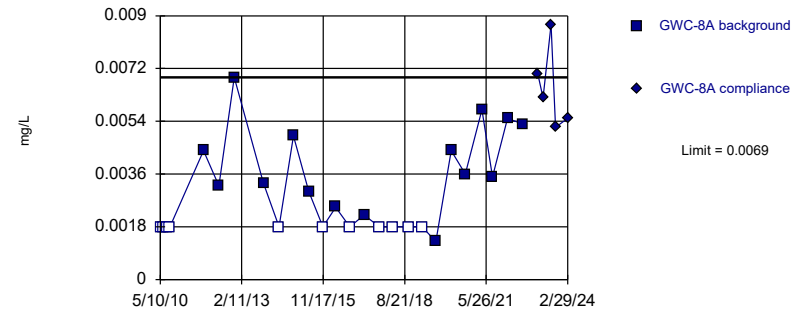


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 82.14% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Nickel Analysis Run 3/29/2024 11:34 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

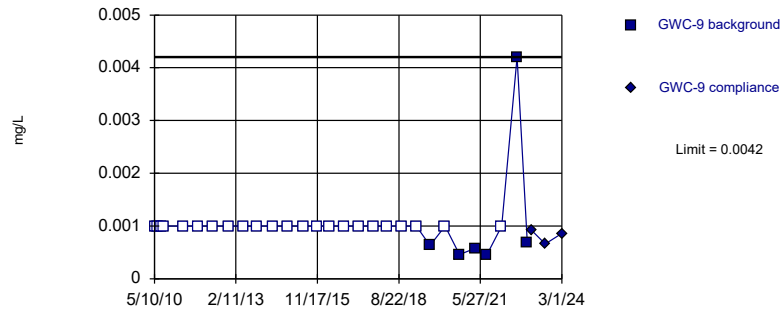


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 26 background values. 42.31% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Nickel Analysis Run 3/29/2024 11:34 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

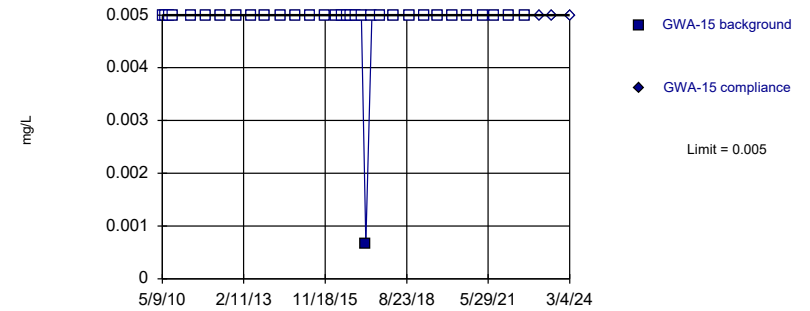


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 79.31% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Nickel Analysis Run 3/29/2024 11:34 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

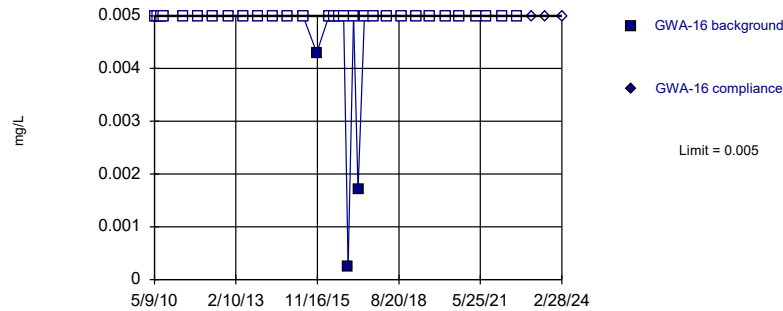


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Selenium, Total Analysis Run 3/29/2024 11:34 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

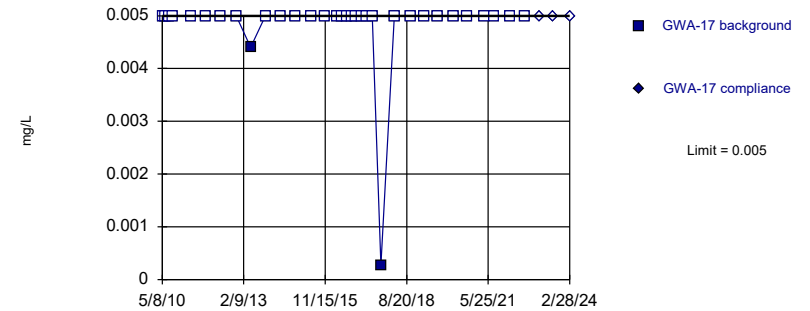


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Selenium, Total Analysis Run 3/29/2024 11:34 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

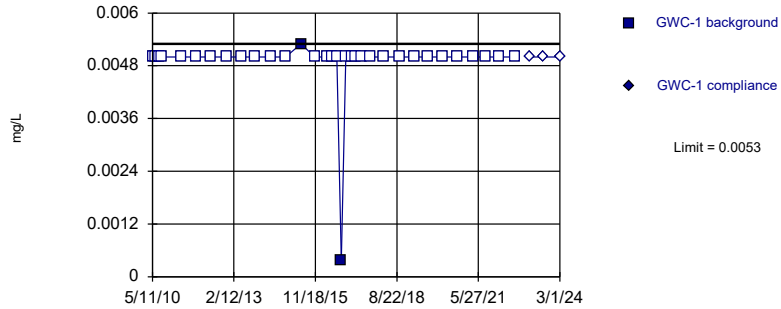


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 93.94% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Selenium, Total Analysis Run 3/29/2024 11:34 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

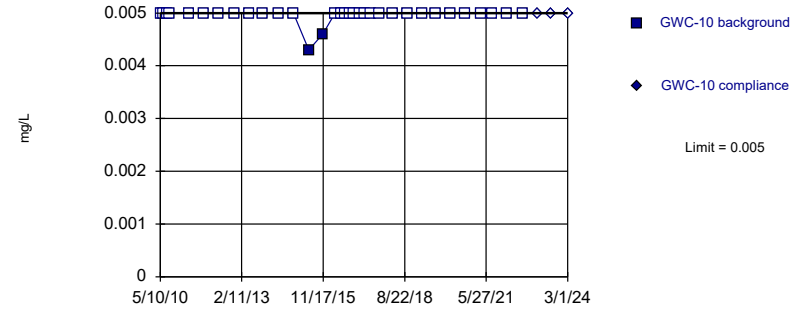


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 93.94% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Selenium, Total Analysis Run 3/29/2024 11:34 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

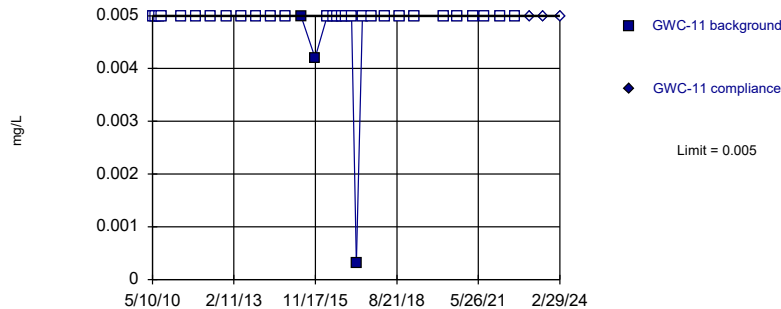


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 93.94% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Selenium, Total Analysis Run 3/29/2024 11:34 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

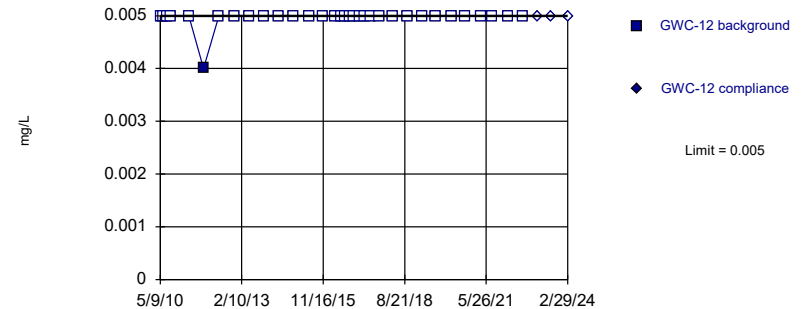


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 90.63% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Selenium, Total Analysis Run 3/29/2024 11:34 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

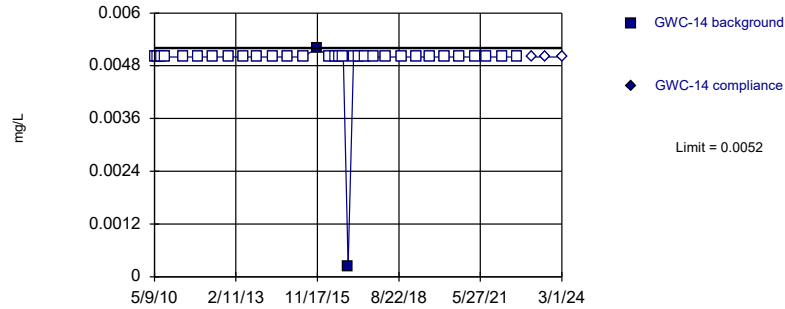


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Selenium, Total Analysis Run 3/29/2024 11:34 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

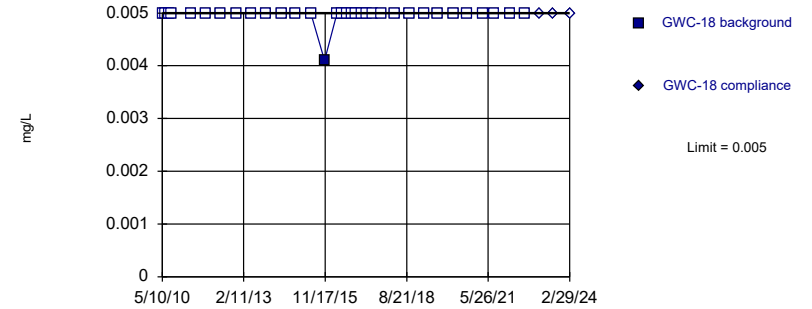


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 93.94% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Selenium, Total Analysis Run 3/29/2024 11:34 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

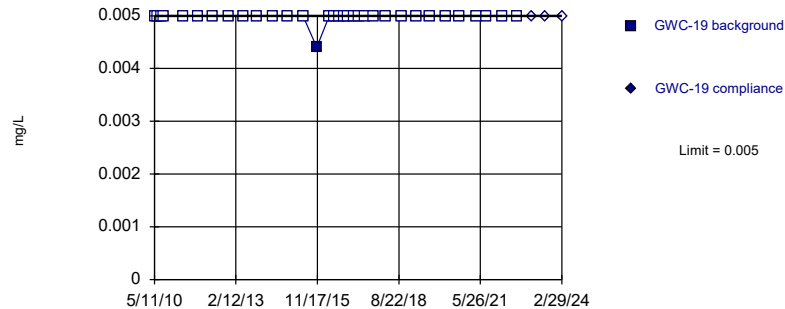


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Selenium, Total Analysis Run 3/29/2024 11:34 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

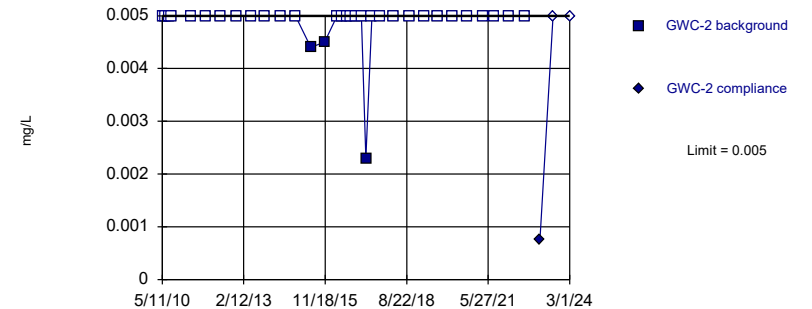


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Selenium, Total Analysis Run 3/29/2024 11:34 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

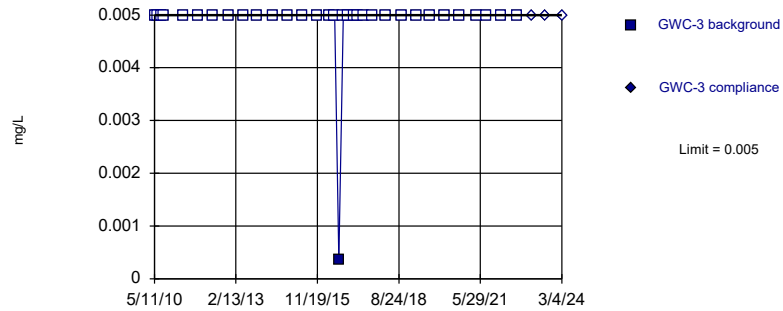


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Selenium, Total Analysis Run 3/29/2024 11:34 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

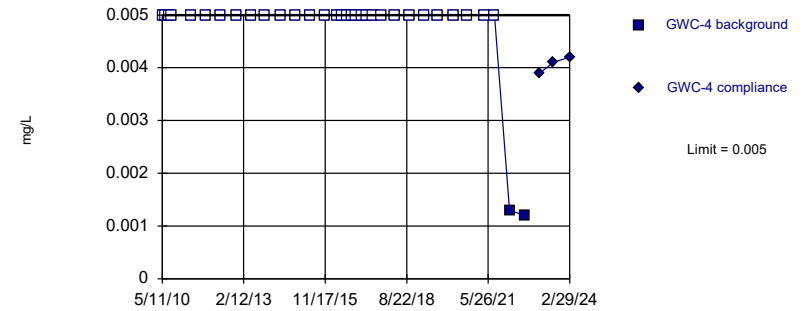


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Selenium, Total Analysis Run 3/29/2024 11:34 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

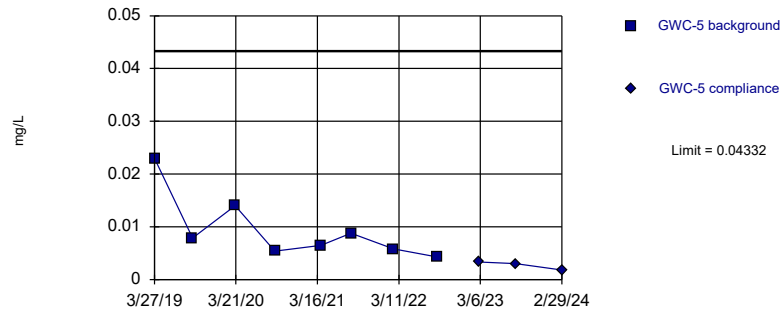


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 93.94% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Selenium, Total Analysis Run 3/29/2024 11:34 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

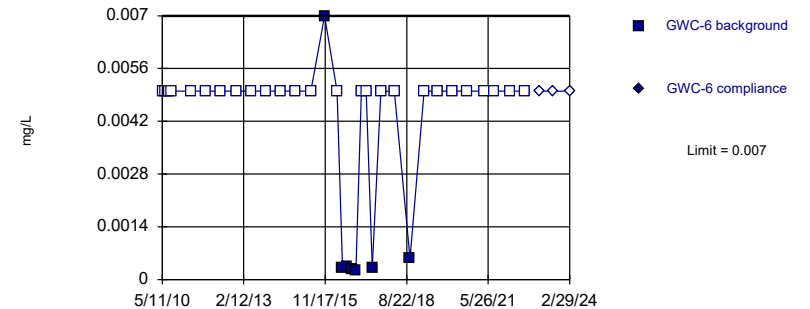


Background Data Summary (based on square root transformation): Mean=0.09356, Std. Dev.=0.02845, n=8.
Normality test: Shapiro Wilk @alpha = 0.1, calculated = 0.8603, critical = 0.851. Kappa = 4.027 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Selenium, Total Analysis Run 3/29/2024 11:34 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

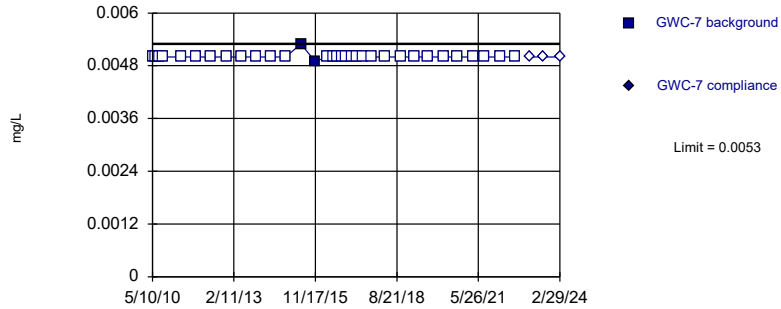


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 78.79% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Selenium, Total Analysis Run 3/29/2024 11:34 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

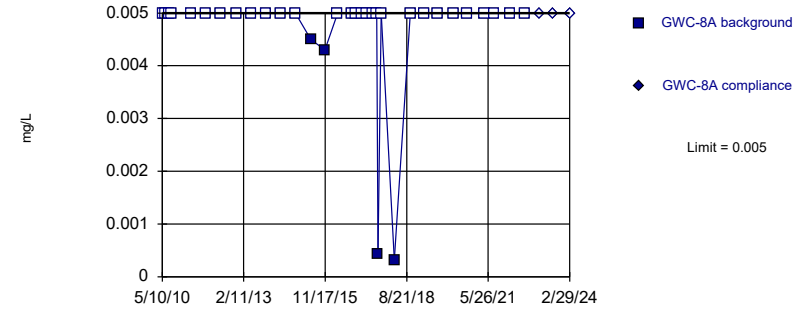


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 93.94% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Selenium, Total Analysis Run 3/29/2024 11:34 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

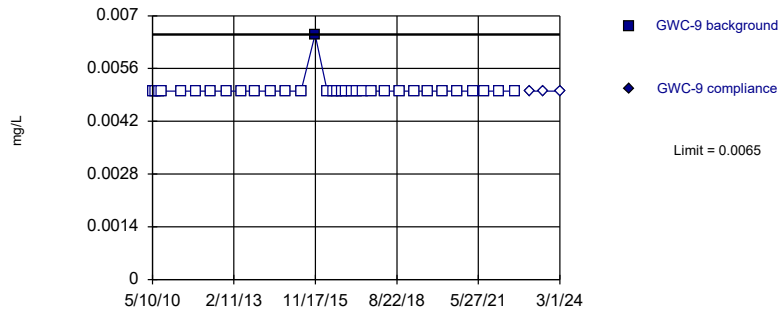


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 87.88% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Selenium, Total Analysis Run 3/29/2024 11:34 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

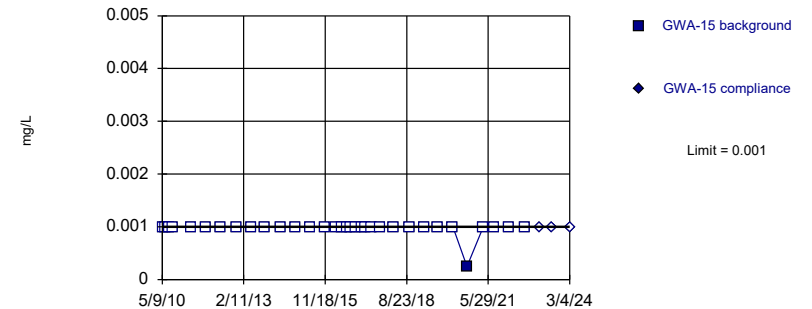


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Selenium, Total Analysis Run 3/29/2024 11:34 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

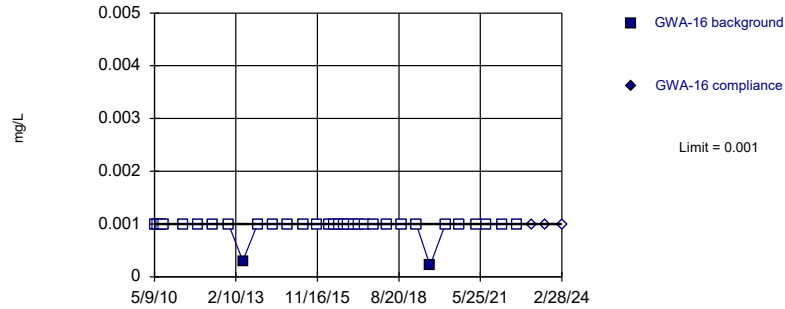


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Thallium, Total Analysis Run 3/29/2024 11:34 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

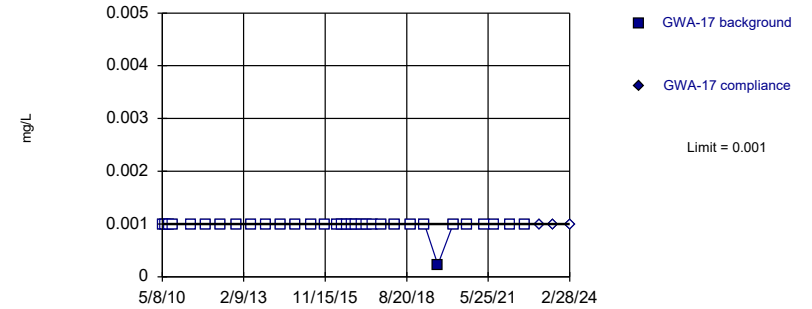


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 93.94% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Thallium, Total Analysis Run 3/29/2024 11:34 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

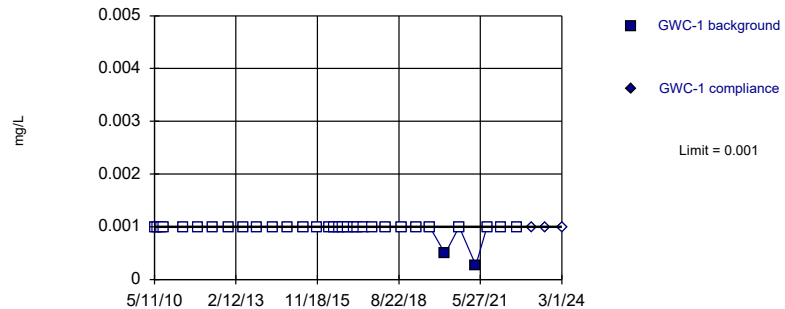


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Thallium, Total Analysis Run 3/29/2024 11:34 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

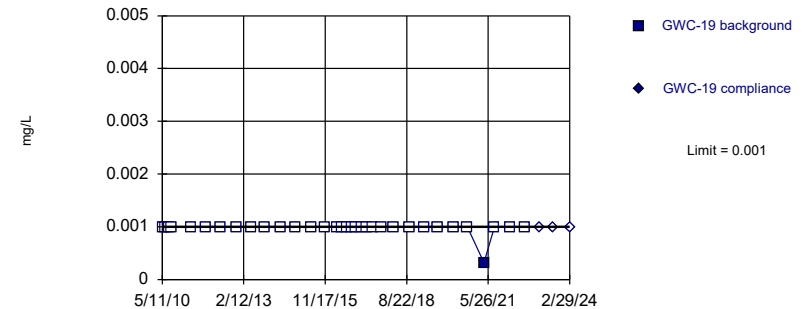


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 93.94% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Thallium, Total Analysis Run 3/29/2024 11:34 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

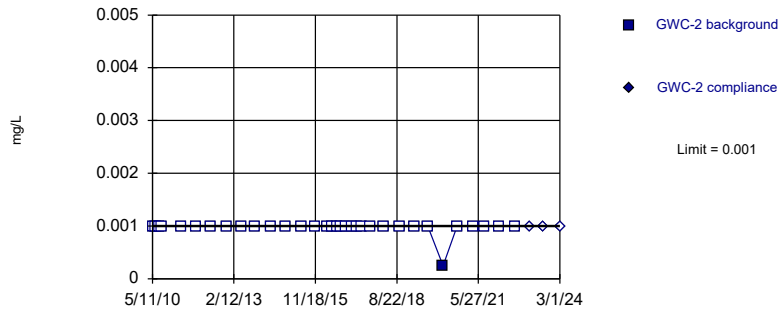


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Thallium, Total Analysis Run 3/29/2024 11:34 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

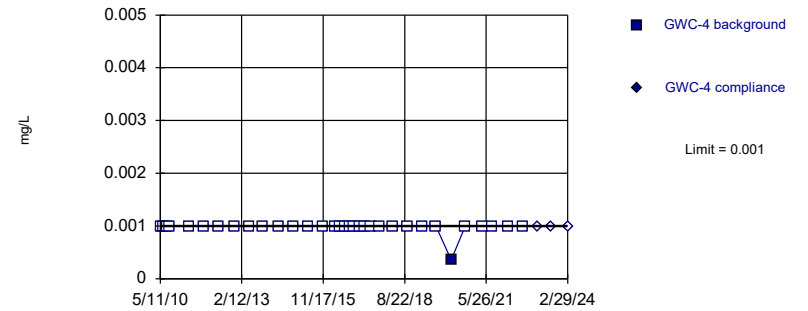


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Thallium, Total Analysis Run 3/29/2024 11:34 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

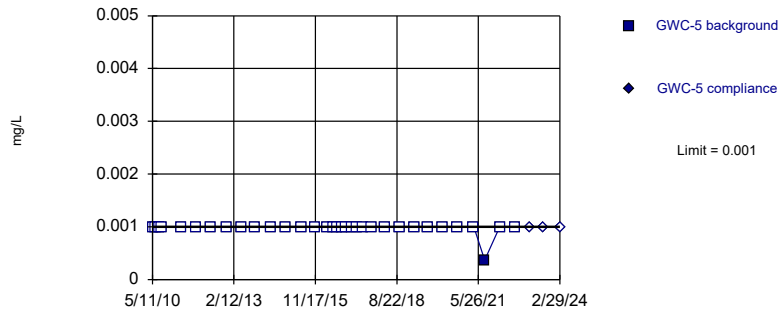


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Thallium, Total Analysis Run 3/29/2024 11:34 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

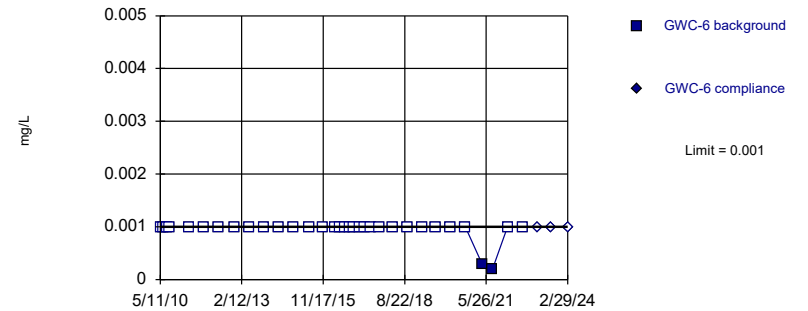


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Thallium, Total Analysis Run 3/29/2024 11:34 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

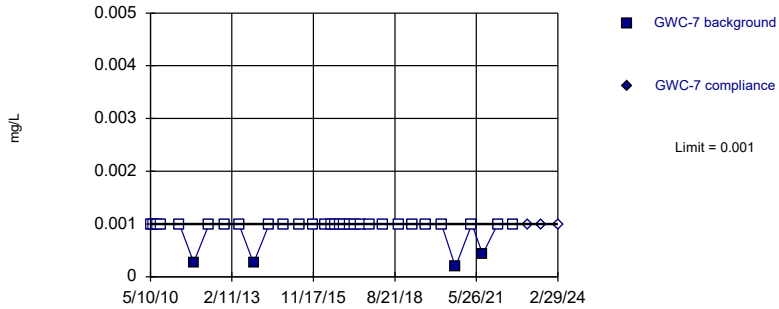


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 93.94% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Thallium, Total Analysis Run 3/29/2024 11:34 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

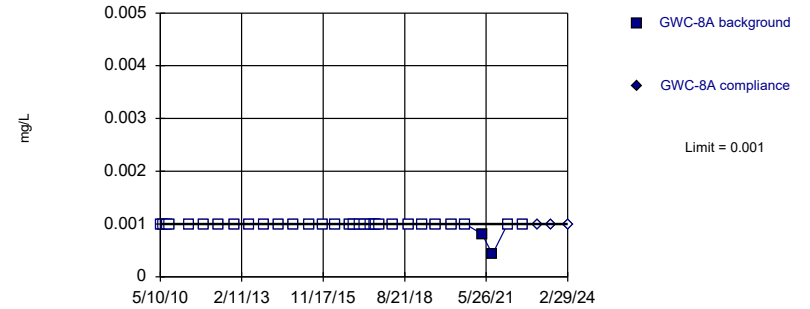


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 87.88% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Thallium, Total Analysis Run 3/29/2024 11:34 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

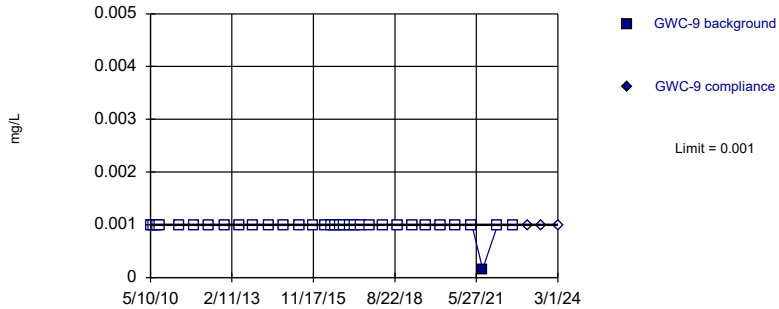


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 93.94% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Thallium, Total Analysis Run 3/29/2024 11:34 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

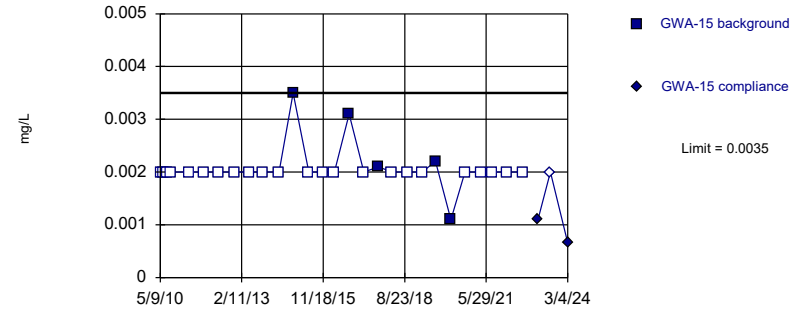


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Thallium, Total Analysis Run 3/29/2024 11:34 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric



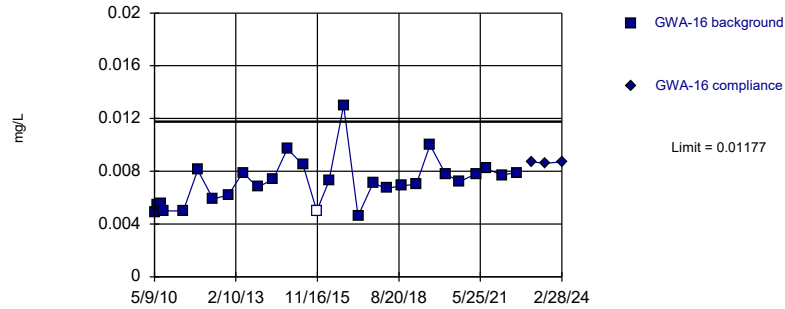
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 82.14% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Vanadium Analysis Run 3/29/2024 11:34 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit

Intrawell Parametric



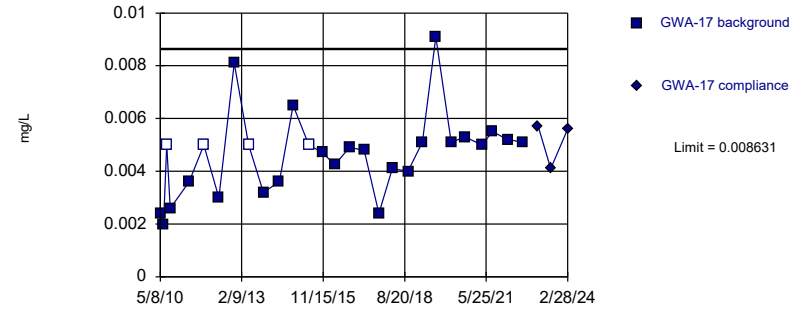
Background Data Summary: Mean=0.007159, Std. Dev.=0.001817, n=28, 3.571% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9098, critical = 0.896. Kappa = 2.539 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 3/29/2024 11:34 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit

Intrawell Parametric



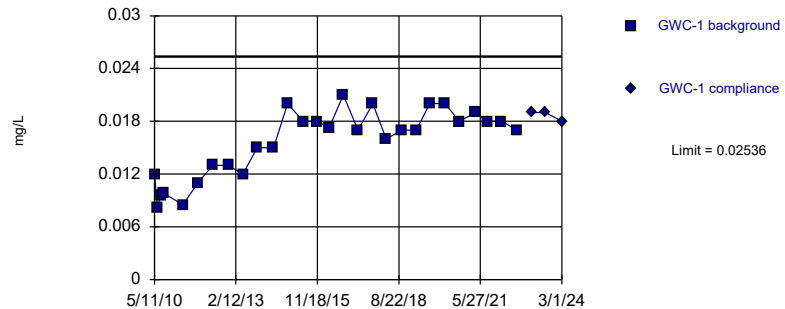
Background Data Summary: Mean=0.004626, Std. Dev.=0.001577, n=28, 14.29% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9059, critical = 0.896. Kappa = 2.539 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 3/29/2024 11:34 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit

Intrawell Parametric



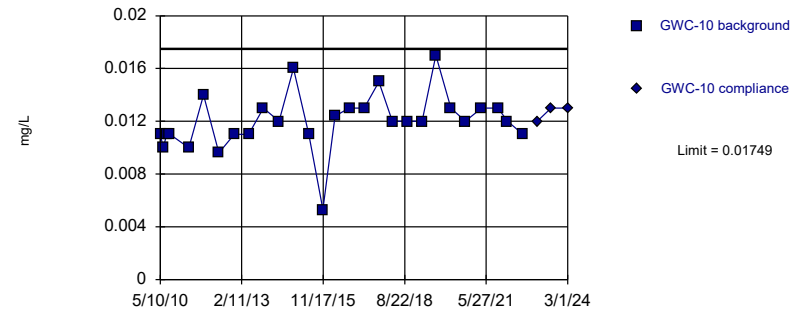
Background Data Summary: Mean=0.01566, Std. Dev.=0.003819, n=28. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9099, critical = 0.896. Kappa = 2.539 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 3/29/2024 11:34 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit

Intrawell Parametric

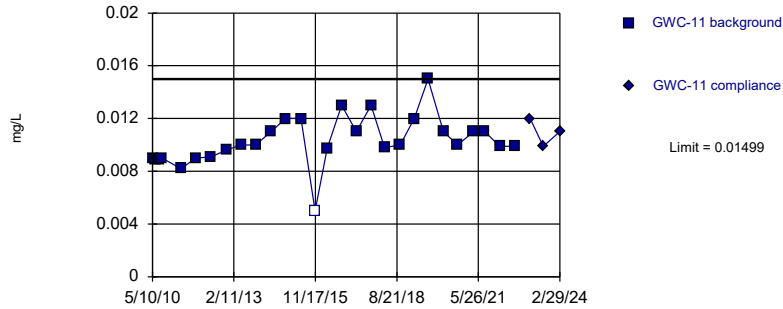


Background Data Summary: Mean=0.01201, Std. Dev.=0.002159, n=28. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9143, critical = 0.896. Kappa = 2.539 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 3/29/2024 11:34 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

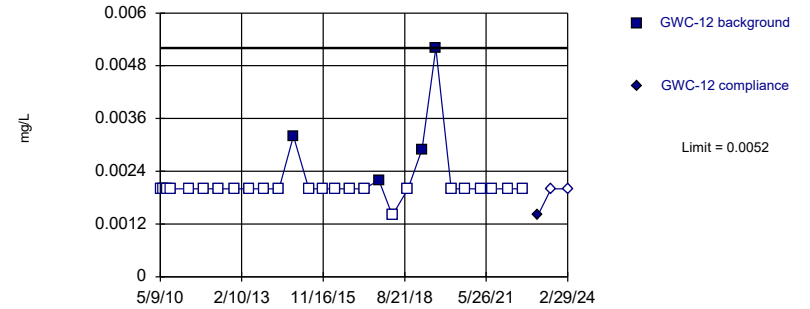


Background Data Summary: Mean=0.01029, Std. Dev.=0.00185, n=28, 3.571% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9363, critical = 0.896. Kappa = 2.539 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 3/29/2024 11:34 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

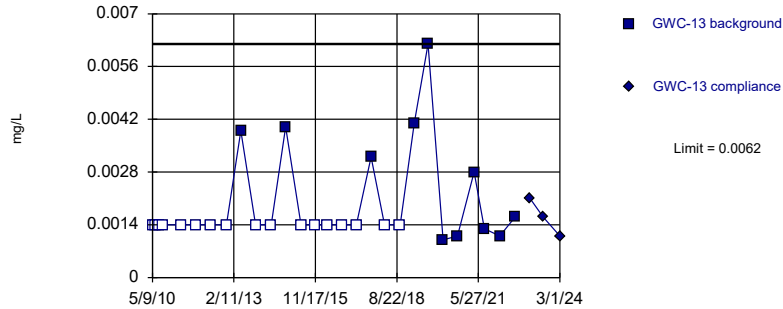


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Vanadium Analysis Run 3/29/2024 11:34 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

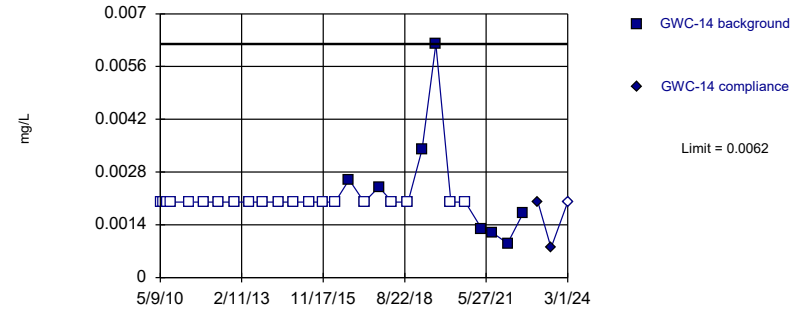


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 60.71% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Vanadium Analysis Run 3/29/2024 11:34 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric



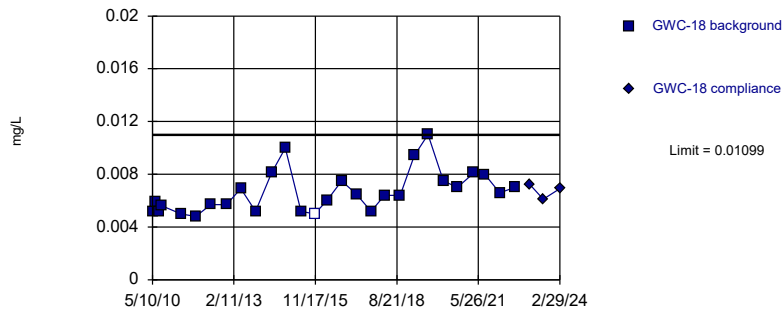
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Vanadium Analysis Run 3/29/2024 11:34 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit

Intrawell Parametric



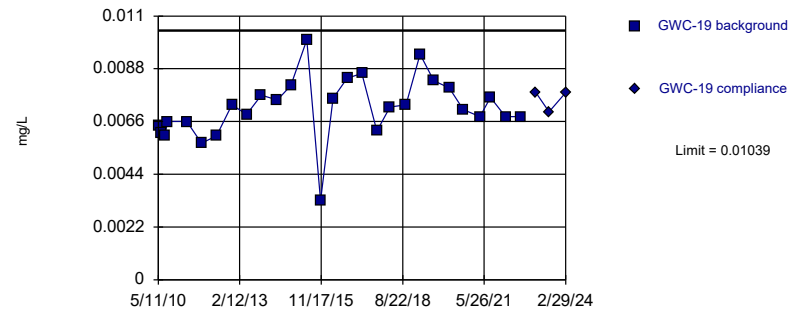
Background Data Summary (based on square root transformation): Mean=0.08101, Std. Dev.=0.009376, n=28, 3.571% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.914, critical = 0.896. Kappa = 2.539 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 3/29/2024 11:34 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit

Intrawell Parametric



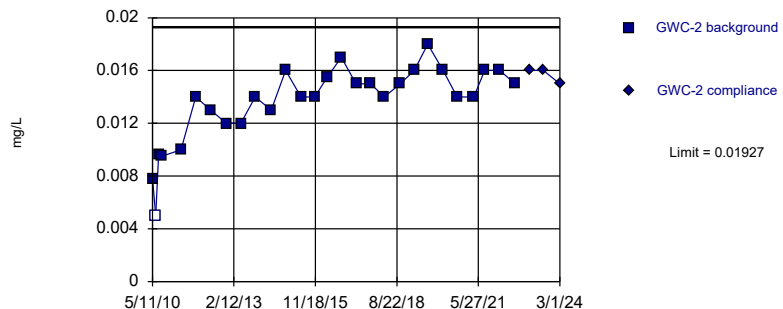
Background Data Summary: Mean=0.007152, Std. Dev.=0.001274, n=28. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.954, critical = 0.896. Kappa = 2.539 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 3/29/2024 11:34 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit

Intrawell Parametric



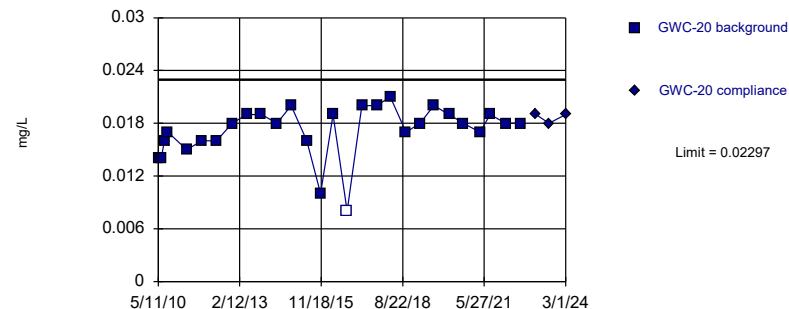
Background Data Summary (based on square transformation): Mean=0.0001928, Std. Dev.=0.00007035, n=28, 3.571% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9467, critical = 0.896. Kappa = 2.539 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 3/29/2024 11:34 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit

Intrawell Parametric

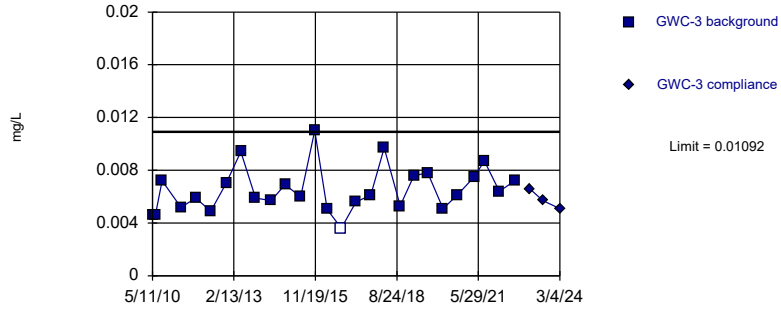


Background Data Summary (based on square transformation): Mean=0.0003022, Std. Dev.=0.00008879, n=28, 3.571% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9229, critical = 0.896. Kappa = 2.539 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 3/29/2024 11:34 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Parametric

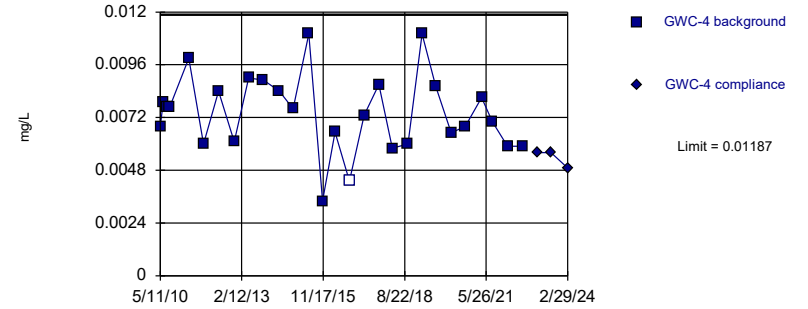


Background Data Summary: Mean=0.00652, Std. Dev.=0.001723, n=27, 3.704% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9459, critical = 0.894. Kappa = 2.555 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 3/29/2024 11:34 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Parametric

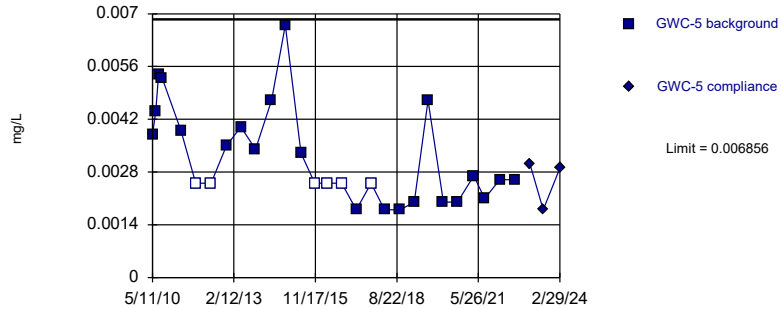


Background Data Summary: Mean=0.007401, Std. Dev.=0.001762, n=28, 3.571% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9736, critical = 0.896. Kappa = 2.539 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 3/29/2024 11:34 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Parametric

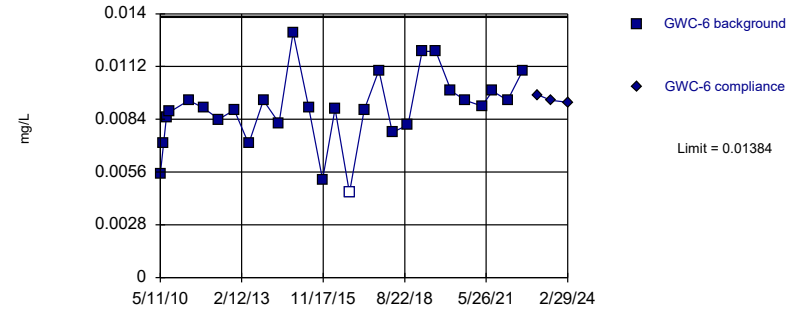


Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=0.05297, Std. Dev.=0.01175, n=28, 21.43% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9136, critical = 0.896. Kappa = 2.539 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 3/29/2024 11:34 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Parametric



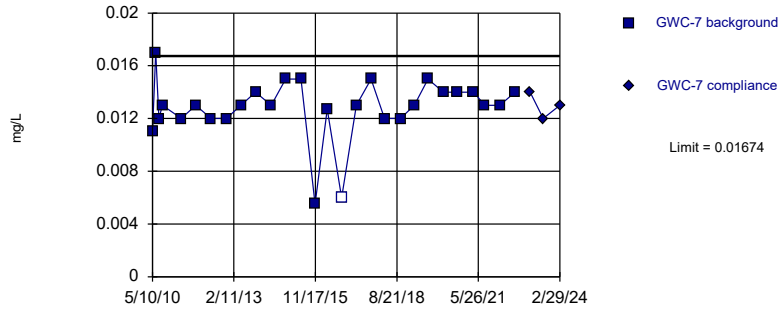
Background Data Summary: Mean=0.008906, Std. Dev.=0.001944, n=28, 3.571% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9533, critical = 0.896. Kappa = 2.539 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 3/29/2024 11:34 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit

Intrawell Parametric



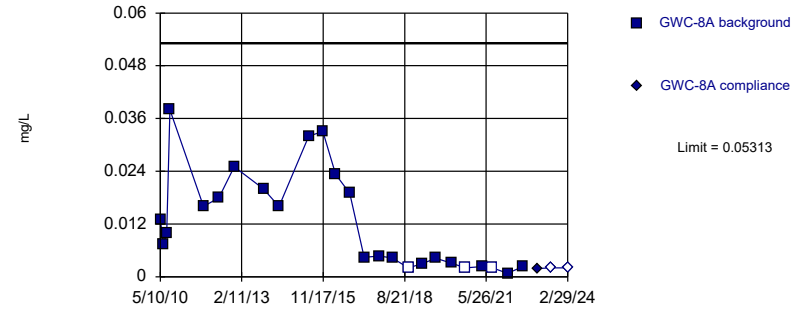
Background Data Summary (based on cube transformation): Mean=0.0000228, Std. Dev.=9.5e-7, n=28, 3.571% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9239, critical = 0.896. Kappa = 2.539 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 3/29/2024 11:34 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit

Intrawell Parametric



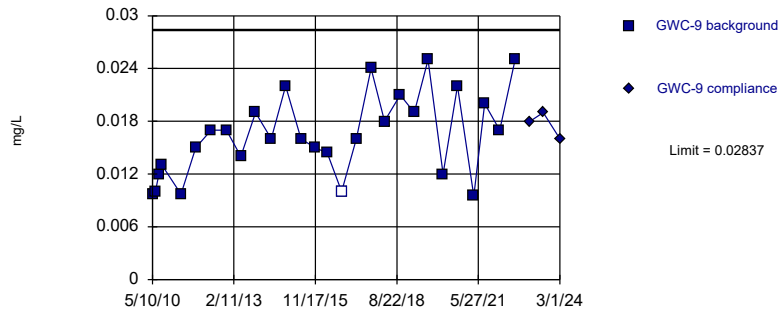
Background Data Summary (based on square root transformation): Mean=0.09869, Std. Dev.=0.051, n=25, 12% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9107, critical = 0.888. Kappa = 2.585 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 3/29/2024 11:34 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit

Intrawell Parametric



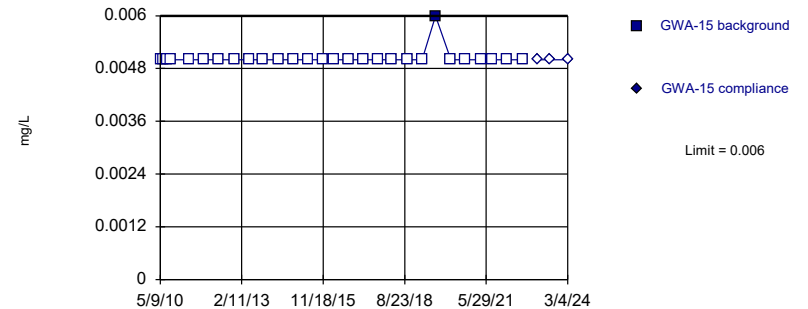
Background Data Summary: Mean=0.01637, Std. Dev.=0.004727, n=28, 3.571% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9477, critical = 0.896. Kappa = 2.539 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 3/29/2024 11:34 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit

Intrawell Non-parametric

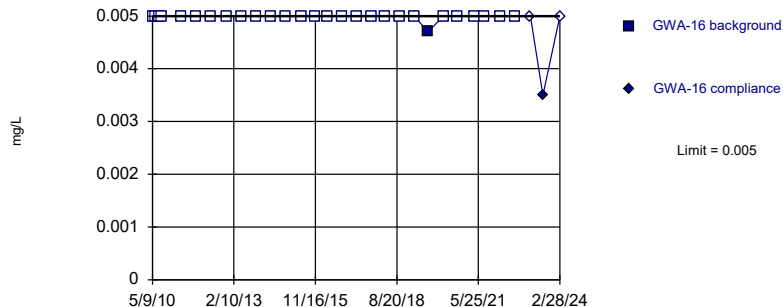


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Zinc Analysis Run 3/29/2024 11:34 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

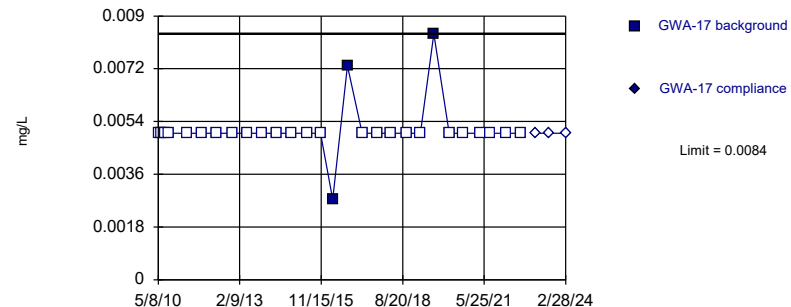


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Zinc Analysis Run 3/29/2024 11:34 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

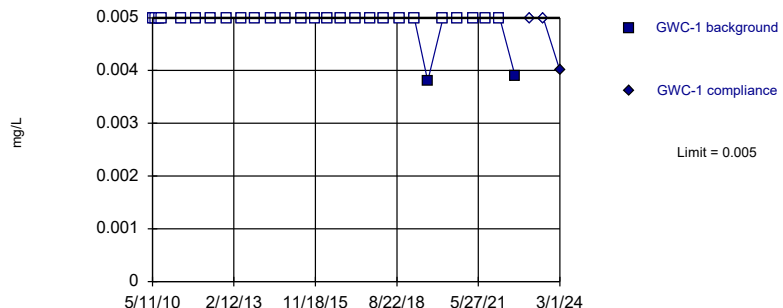


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 89.29% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Zinc Analysis Run 3/29/2024 11:34 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

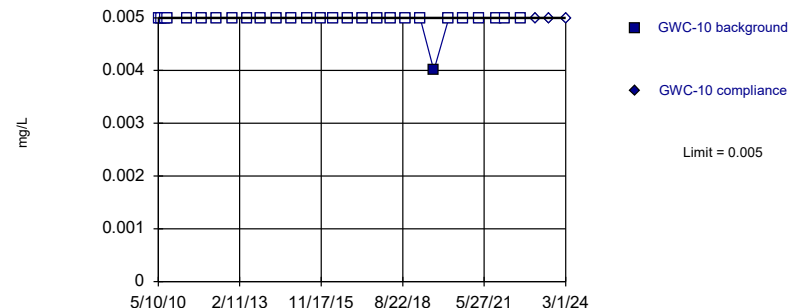


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 92.86% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Zinc Analysis Run 3/29/2024 11:35 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

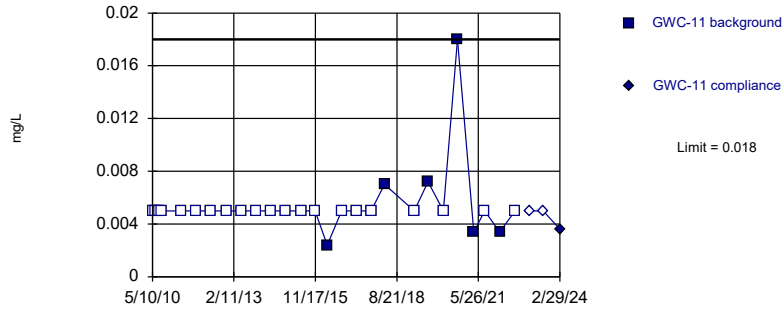


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Zinc Analysis Run 3/29/2024 11:35 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

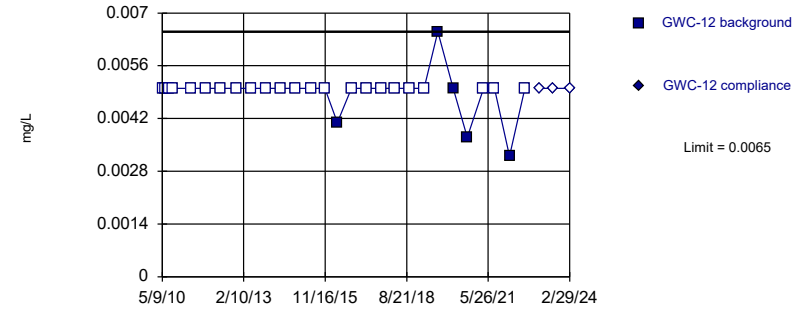


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 77.78% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Zinc Analysis Run 3/29/2024 11:35 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

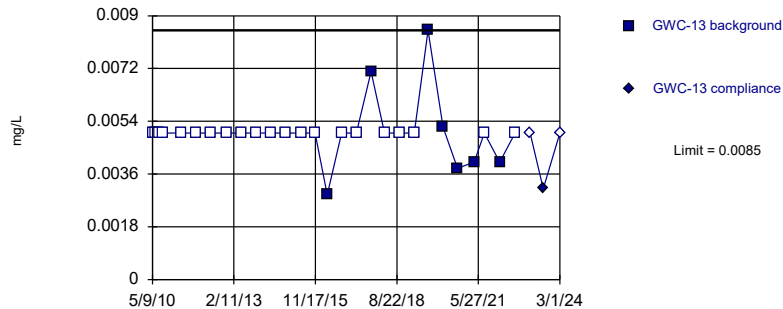


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 82.14% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Zinc Analysis Run 3/29/2024 11:35 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

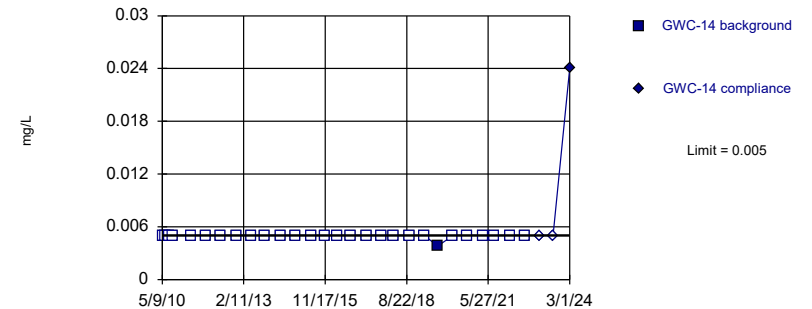


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 75% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Zinc Analysis Run 3/29/2024 11:35 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Exceeds Limit

Prediction Limit Intrawell Non-parametric

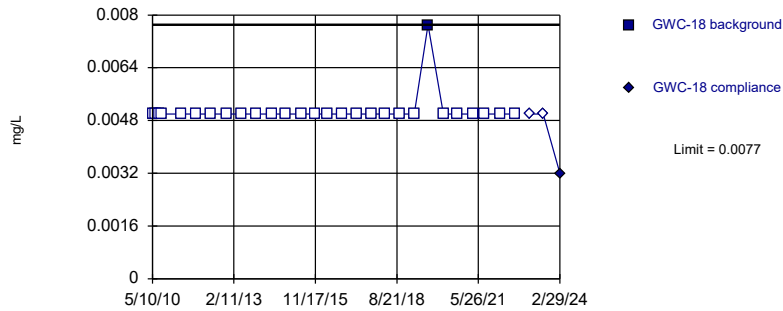


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Zinc Analysis Run 3/29/2024 11:35 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

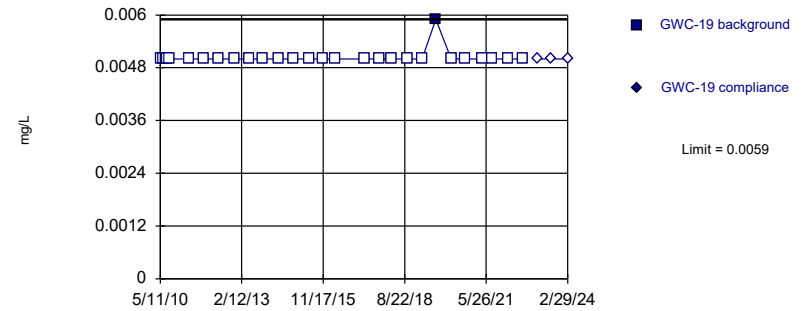


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Zinc Analysis Run 3/29/2024 11:35 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

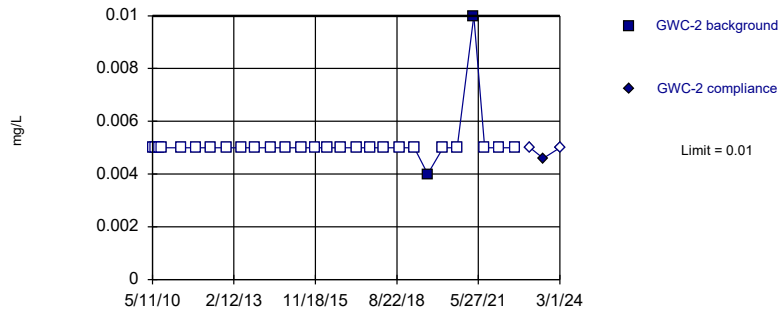


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 96.3% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Zinc Analysis Run 3/29/2024 11:35 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

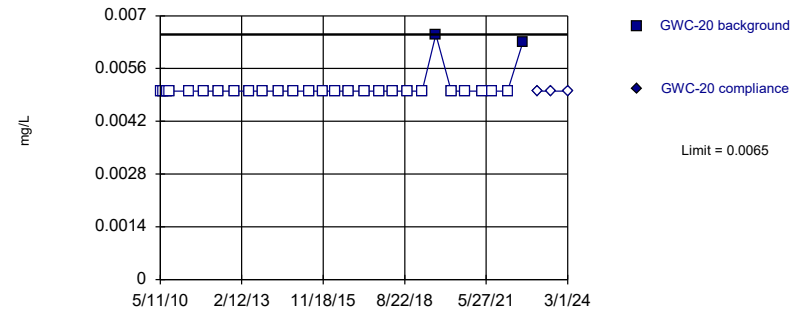


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 92.86% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Zinc Analysis Run 3/29/2024 11:35 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

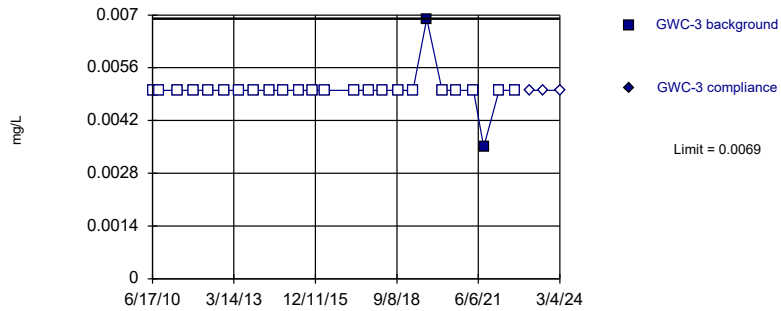


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 92.86% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Zinc Analysis Run 3/29/2024 11:35 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

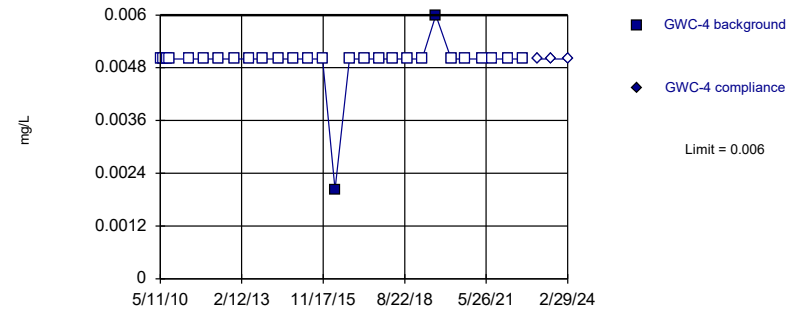


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 92% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

Constituent: Zinc Analysis Run 3/29/2024 11:35 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

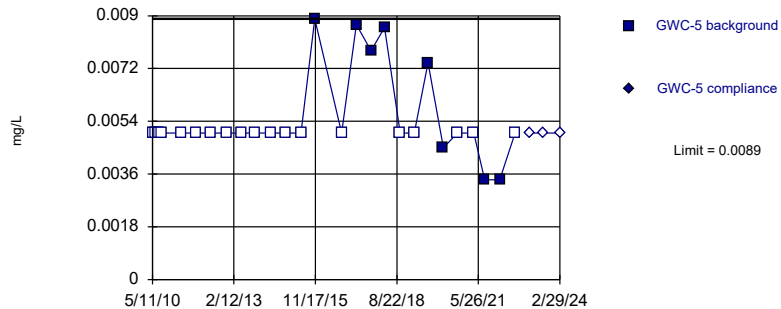


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 92.86% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Zinc Analysis Run 3/29/2024 11:35 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

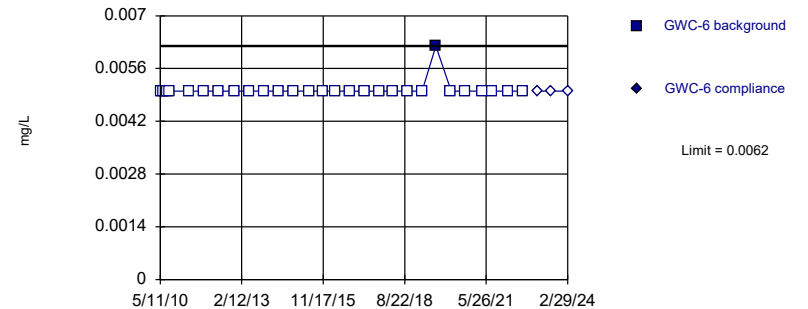


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 70.37% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Zinc Analysis Run 3/29/2024 11:35 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

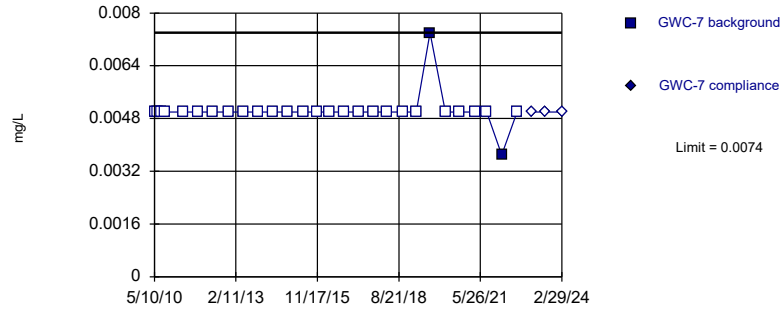


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Zinc Analysis Run 3/29/2024 11:35 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

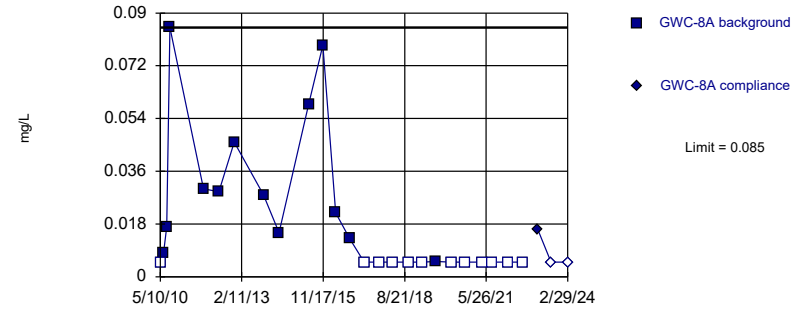


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 92.86% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Zinc Analysis Run 3/29/2024 11:35 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

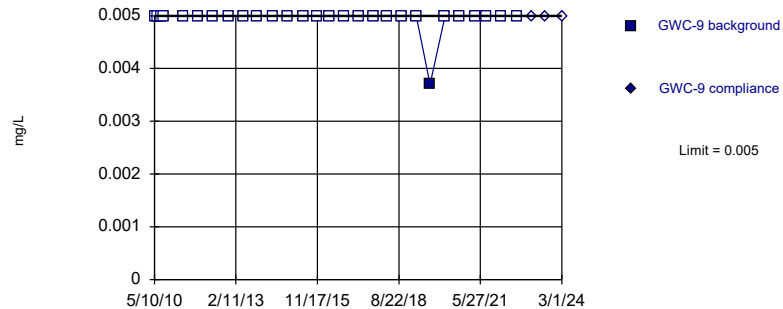


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 25 background values. 48% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

Constituent: Zinc Analysis Run 3/29/2024 11:35 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Zinc Analysis Run 3/29/2024 11:35 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Prediction Limit

Constituent: Antimony, T Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - IntraWell
Plant Scherer Data: Scherer Cell 1-CCR

	GWA-16	GWA-16
5/9/2010	<0.002	
6/16/2010	<0.002	
7/27/2010	<0.002	
9/7/2010	<0.002	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/2/2012	<0.002	
11/9/2012	<0.002	
5/8/2013	<0.002	
11/6/2013	<0.002	
5/20/2014	<0.002	
11/8/2014	<0.002	
5/22/2015	<0.002	
11/9/2015	<0.002	
4/6/2016	<0.002	
6/15/2016	<0.002	
8/10/2016	<0.002	
10/4/2016	<0.002	
11/29/2016	<0.002	
2/7/2017	0.001 (J)	
4/4/2017	<0.002	
6/20/2017	<0.002	
10/5/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/10/2019	<0.002	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021	<0.002	
8/11/2021	<0.002	
2/15/2022	<0.002	
8/25/2022	<0.002	
2/28/2023		<0.002
8/3/2023		<0.002
2/28/2024		<0.002

Prediction Limit

Constituent: Antimony, T Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-12	GWC-12
5/9/2010	<0.002	
6/18/2010	<0.002	
7/27/2010	<0.002	
9/8/2010	<0.002	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/3/2012	<0.002	
11/10/2012	<0.002	
5/9/2013	<0.002	
11/6/2013	<0.002	
5/20/2014	<0.002	
11/12/2014	<0.002	
5/23/2015	<0.002	
11/12/2015	<0.002	
4/13/2016	0.000646 (JD)	
6/21/2016	<0.002	
8/15/2016	<0.002	
10/5/2016	<0.002	
12/1/2016	<0.002	
2/8/2017	<0.002	
4/5/2017	<0.002	
6/20/2017	<0.002	
10/5/2017	<0.002	
3/21/2018	<0.002 (D)	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/11/2019	<0.002	
3/18/2020	<0.002	
9/10/2020	<0.002	
4/1/2021	<0.002	
8/11/2021	<0.002	
2/16/2022	<0.002	
8/26/2022	<0.002	
2/27/2023		<0.002
8/9/2023		<0.002
2/29/2024		<0.002

Prediction Limit

Constituent: Antimony, T Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-18	GWC-18
5/10/2010	<0.002	
6/16/2010	<0.002	
7/26/2010	<0.002	
9/7/2010	<0.002	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/2/2012	<0.002	
11/9/2012	<0.002	
5/8/2013	<0.002	
11/6/2013	<0.002	
5/23/2014	<0.002	
11/8/2014	<0.002	
5/22/2015	<0.002	
11/10/2015	<0.002	
4/11/2016	<0.002	
6/16/2016	0.00018 (J)	
8/11/2016	<0.002	
10/5/2016	<0.002	
11/29/2016	<0.002	
2/8/2017	<0.002	
4/6/2017	<0.002	
6/21/2017	<0.002	
10/5/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/11/2019	0.00039 (J)	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021	<0.002	
8/11/2021	<0.002	
2/16/2022	<0.002	
8/25/2022	<0.002	
2/28/2023		<0.002
8/9/2023		<0.002
2/29/2024		<0.002

Prediction Limit

Constituent: Antimony, T Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-19	GWC-19
5/11/2010	<0.002	
6/16/2010	<0.002	
7/27/2010	<0.002	
9/7/2010	<0.002	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/2/2012	<0.002	
11/9/2012	<0.002	
5/9/2013	<0.002	
11/6/2013	<0.002	
5/22/2014	<0.002	
11/8/2014	<0.002	
5/23/2015	<0.002	
11/10/2015	<0.002	
4/11/2016	<0.002	
6/16/2016	0.00014 (J)	
8/11/2016	<0.002	
10/5/2016	<0.002	
11/29/2016	<0.002	
2/8/2017	<0.002	
4/5/2017	<0.002	
6/21/2017	<0.002	
10/5/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	<0.002	
9/9/2020	<0.002	
4/5/2021	<0.002	
8/11/2021	<0.002	
2/16/2022	<0.002	
8/25/2022	<0.002	
2/28/2023		<0.002
8/8/2023		<0.002
2/29/2024		<0.002

Prediction Limit

Constituent: Antimony, T Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - IntraWell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-2	GWC-2
5/11/2010	<0.002	
6/19/2010	<0.002	
7/27/2010	<0.002	
9/9/2010	<0.002	
4/28/2011	<0.002	
10/28/2011	<0.002	
5/3/2012	<0.002	
11/9/2012	<0.002	
5/9/2013	<0.002	
11/5/2013	<0.002	
5/22/2014	<0.002	
11/13/2014	<0.002	
5/24/2015	<0.002	
11/11/2015	<0.002	
4/12/2016	<0.002	
6/16/2016	<0.002	
8/11/2016	<0.002	
10/4/2016	<0.002	
11/30/2016	<0.002	
2/7/2017	<0.002	
4/6/2017	<0.002	
6/20/2017	<0.002	
10/4/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/10/2019	0.00042 (J)	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021	0.0013 (J)	
8/12/2021	<0.002	
2/15/2022	<0.002	
8/26/2022	<0.002	
2/27/2023		<0.002
8/9/2023		<0.002
3/1/2024		<0.002

Prediction Limit

Constituent: Antimony, T Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-3	GWC-3
5/11/2010	<0.002	
6/17/2010	<0.002	
7/28/2010	<0.002	
9/7/2010	<0.002	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/3/2012	<0.002	
11/9/2012	<0.002	
5/10/2013	<0.002	
11/6/2013	<0.002	
5/22/2014	<0.002	
11/9/2014	<0.002	
5/22/2015	<0.002	
11/10/2015	<0.002	
4/12/2016	<0.002 (D)	
6/20/2016	0.0002 (J)	
8/12/2016	<0.002	
10/5/2016	<0.002	
11/30/2016	<0.002	
2/8/2017	<0.002	
4/6/2017	<0.002	
6/21/2017	<0.002	
10/5/2017	<0.002	
3/21/2018	<0.002	
10/3/2018	<0.002	
3/26/2019	<0.002	
9/10/2019	<0.002	
3/18/2020	<0.002	
9/10/2020	<0.002	
4/6/2021	<0.002	
8/12/2021	<0.002	
2/15/2022	<0.002	
8/25/2022	<0.002	
2/28/2023		<0.002
8/9/2023		<0.002
3/4/2024		0.0013 (J)

Prediction Limit

Constituent: Antimony, T Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-4	GWC-4
5/11/2010	<0.002	
6/17/2010	<0.002	
7/28/2010	<0.002	
9/8/2010	<0.002	
4/28/2011	<0.002	
10/29/2011	<0.002	
5/3/2012	<0.002	
11/10/2012	<0.002	
5/10/2013	<0.002	
11/6/2013	<0.002	
5/22/2014	<0.002	
11/9/2014	<0.002	
5/22/2015	<0.002	
11/11/2015	<0.002	
4/12/2016	<0.002	
6/20/2016	<0.002	
8/12/2016	<0.002	
10/6/2016	<0.002	
11/30/2016	<0.002	
2/8/2017	<0.002	
4/6/2017	<0.002	
6/22/2017	<0.002	
10/6/2017	<0.002	
3/21/2018	<0.002	
10/3/2018	<0.002	
3/26/2019	<0.002	
9/10/2019	<0.002	
3/19/2020	<0.002	
9/10/2020	<0.002	
4/2/2021	<0.002	
8/12/2021	<0.002	
2/15/2022	<0.002	
8/25/2022	0.00058 (J)	
2/27/2023		<0.002
8/8/2023		<0.002
2/29/2024		<0.002

Prediction Limit

Constituent: Antimony, T Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-7	GWC-7
5/10/2010	<0.002	
6/18/2010	<0.002	
7/28/2010	<0.002	
9/9/2010	<0.002	
4/30/2011	<0.002	
10/29/2011	<0.002	
5/4/2012	<0.002	
11/10/2012	<0.002	
5/9/2013	<0.002	
11/7/2013	<0.002	
5/21/2014	<0.002	
11/12/2014	<0.002	
5/24/2015	<0.002	
11/11/2015	<0.002	
4/13/2016	<0.002 (D)	
6/20/2016	0.0002 (J)	
8/15/2016	<0.002	
10/6/2016	<0.002	
12/1/2016	<0.002	
2/9/2017	<0.002	
4/7/2017	<0.002	
6/22/2017	<0.002	
10/6/2017	<0.002	
3/22/2018	<0.002	
10/4/2018	<0.002	
3/27/2019	<0.002	
9/11/2019	<0.002	
3/19/2020	<0.002	
9/10/2020	<0.002	
4/1/2021	<0.002	
8/11/2021	<0.002	
2/15/2022	<0.002	
8/25/2022	<0.002	
2/27/2023		<0.002
8/8/2023		<0.002
2/29/2024		<0.002

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intravel

Plant Scherer Data: Scherer Cell 1-CCR

	GWA-15	GWA-15
5/9/2010	0.01 (J)	
6/18/2010	0.01 (J)	
7/28/2010	0.011 (J)	
9/9/2010	0.011 (J)	
4/30/2011	0.0091 (J)	
10/28/2011	0.0096 (J)	
5/2/2012	0.012	
11/9/2012	0.012 (V)	
5/8/2013	0.01	
11/5/2013	0.0098 (J)	
5/20/2014	0.0081 (J)	
11/12/2014	0.0098 (J)	
5/22/2015	0.0088 (J)	
11/11/2015	0.011	
4/6/2016	0.00959 (J)	
6/15/2016	0.0091 (J)	
8/10/2016	0.009	
10/4/2016	<0.0092	
11/30/2016	0.011	
2/7/2017	0.0099	
4/4/2017	0.0092	
6/20/2017	0.0099	
10/4/2017	0.0098	
3/20/2018	0.01	
10/2/2018	0.0099	
3/26/2019	0.0099	
9/10/2019	0.011	
3/18/2020	0.01	
9/9/2020	0.01	
4/1/2021	0.0092 (J)	
8/11/2021	0.01	
2/15/2022	0.012	
8/25/2022	0.012	
2/28/2023		0.01
8/3/2023		0.01
3/4/2024		0.01

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intravel
Plant Scherer Data: Scherer Cell 1-CCR

	GWA-16	GWA-16
5/9/2010	0.031 (J)	
6/16/2010	0.029 (J)	
7/27/2010	0.029 (J)	
9/7/2010	0.028 (J)	
4/29/2011	0.026 (J)	
10/28/2011	0.025	
5/2/2012	0.025	
11/9/2012	0.028 (V)	
5/8/2013	0.029	
11/6/2013	0.026	
5/20/2014	0.025	
11/8/2014	0.026	
5/22/2015	0.026	
11/9/2015	0.024	
4/6/2016	0.026	
6/15/2016	0.023	
8/10/2016	0.022	
10/4/2016	0.024	
11/29/2016	0.023	
2/7/2017	0.024	
4/4/2017	0.022	
6/20/2017	0.025	
10/5/2017	0.023	
3/20/2018	0.023	
10/2/2018	0.023	
3/26/2019	0.024	
9/10/2019	0.039	
3/18/2020	0.027	
9/9/2020	0.024	
4/1/2021	0.024	
8/11/2021	0.023	
2/15/2022	0.024	
8/25/2022	0.025	
2/28/2023		0.025
8/3/2023		0.026
2/28/2024		0.03

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intravel
Plant Scherer Data: Scherer Cell 1-CCR

	GWA-17	GWA-17
5/8/2010	0.048 (J)	
6/16/2010	0.044 (J)	
7/26/2010	0.042 (J)	
9/7/2010	0.04 (J)	
4/29/2011	0.038 (J)	
10/28/2011	0.034	
5/2/2012	0.03	
11/9/2012	0.039 (V)	
5/8/2013	0.034	
11/6/2013	0.032	
5/20/2014	0.03	
11/8/2014	0.031	
5/22/2015	0.033	
11/9/2015	0.034	
4/6/2016	0.0347	
6/15/2016	0.029	
8/10/2016	0.027	
10/5/2016	<0.029	
11/29/2016	0.024	
2/7/2017	0.029	
4/4/2017	0.03	
6/20/2017	0.036	
10/5/2017	0.027	
3/20/2018	0.027	
10/2/2018	0.027	
3/26/2019	0.031	
9/10/2019	0.051	
3/18/2020	0.031	
9/9/2020	0.033	
4/1/2021	0.029	
8/11/2021	0.029	
2/15/2022	0.031	
8/24/2022	0.031	
2/28/2023		0.03
8/3/2023		0.027
2/28/2024		0.032

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intravel

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-1	GWC-1
5/11/2010	0.054 (J)	
6/17/2010	0.054 (J)	
7/27/2010	0.054 (J)	
9/9/2010	0.046 (J)	
4/28/2011	0.057 (J)	
10/29/2011	0.046	
5/3/2012	0.049	
11/9/2012	0.045 (V)	
5/9/2013	0.053	
11/5/2013	0.045	
5/23/2014	0.043	
11/13/2014	0.046	
5/23/2015	0.046	
11/11/2015	0.047	
4/12/2016	0.0474	
6/16/2016	0.044	
8/11/2016	0.04	
10/4/2016	0.048	
11/30/2016	0.043	
2/7/2017	0.042	
4/5/2017	0.041	
6/20/2017	0.046	
10/4/2017	0.044	
3/20/2018	0.042	
10/2/2018	0.043	
3/26/2019	0.044	
9/10/2019	0.046	
3/18/2020	0.049	
9/9/2020	0.046	
4/1/2021	0.047	
8/18/2021	0.049	
2/15/2022	0.052	
8/24/2022	0.043	
2/27/2023		0.049
8/9/2023		0.048
3/1/2024		0.048

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - IntraWell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-10	GWC-10
5/10/2010	0.024 (J)	
6/16/2010	0.022 (J)	
7/28/2010	0.023 (J)	
9/8/2010	0.023 (J)	
4/29/2011	0.022 (J)	
10/27/2011	0.022	
5/4/2012	0.019	
11/11/2012	0.025 (V)	
5/9/2013	0.024	
11/5/2013	0.025	
5/21/2014	0.024	
11/12/2014	0.026	
5/23/2015	0.026	
11/12/2015	0.026	
4/13/2016	0.0258 (D)	
6/21/2016	0.0286	
8/15/2016	0.024	
10/5/2016	<0.028	
12/1/2016	0.028	
2/8/2017	0.027	
4/6/2017	0.027	
6/21/2017	0.031	
10/5/2017	0.029	
3/21/2018	<0.028 (X)	
10/2/2018	0.029	
3/27/2019		0.027
9/11/2019		0.033
3/18/2020		0.036
9/9/2020		0.036
4/1/2021		0.034
10/18/2021		0.031
2/15/2022		0.036
8/25/2022		0.035
2/21/2023		0.033
8/9/2023		0.032
3/1/2024		0.036

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intravel

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-11	GWC-11
5/10/2010	0.018 (J)	
6/16/2010	0.018 (J)	
7/27/2010	0.018 (J)	
9/8/2010	0.017 (J)	
4/29/2011	0.016 (J)	
10/27/2011	0.015	
5/4/2012	0.014	
11/10/2012	0.016 (V)	
5/9/2013	0.016	
11/6/2013	0.016	
5/20/2014	0.016	
11/12/2014	0.017	
5/24/2015	0.017	
11/12/2015	0.016	
4/13/2016	0.0159 (D)	
6/21/2016	0.018	
8/15/2016	0.015	
10/5/2016	<0.016	
12/1/2016	0.016	
2/8/2017	0.015	
4/6/2017	0.016	
6/20/2017	0.016	
10/5/2017	0.016	
3/21/2018	<0.016 (X)	
10/2/2018	0.016	
3/27/2019	0.015	
9/11/2019	0.017	
3/18/2020	0.019	
9/10/2020	0.02	
4/1/2021	0.018	
8/11/2021	0.017	
2/16/2022	0.018	
8/25/2022	0.018	
2/27/2023		0.019
8/9/2023		0.019
2/29/2024		0.02

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - IntraWell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-12	GWC-12
5/9/2010	0.017 (J)	
6/18/2010	0.014 (J)	
7/27/2010	0.015 (J)	
9/8/2010	0.013 (J)	
4/29/2011	0.016 (J)	
10/28/2011	0.013	
5/3/2012	0.012	
11/10/2012	0.015 (V)	
5/9/2013	0.015	
11/6/2013	0.015	
5/20/2014	0.015	
11/12/2014	0.018	
5/23/2015	0.016	
11/12/2015	0.015	
4/13/2016	0.0166 (D)	
6/21/2016	0.0173	
8/15/2016	0.015	
10/5/2016	<0.017	
12/1/2016	0.016	
2/8/2017	0.016	
4/5/2017	0.016	
6/20/2017	0.017	
10/5/2017	0.017	
3/21/2018	<0.017 (X)	
10/2/2018	0.016	
3/26/2019	0.017	
9/11/2019	0.017	
3/18/2020	0.018	
9/10/2020	0.019	
4/1/2021	0.018	
8/11/2021	0.018	
2/16/2022	0.018	
8/26/2022	0.018	
2/27/2023		0.019
8/9/2023		0.02
2/29/2024		0.019

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intravel

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-13	GWC-13
5/9/2010	0.029 (J)	
6/18/2010	0.028 (J)	
7/29/2010	0.029 (J)	
9/9/2010	0.028 (J)	
4/26/2011	0.038 (J)	
10/28/2011	0.026	
5/4/2012	0.024	
11/11/2012	0.027 (V)	
5/8/2013	0.045	
11/7/2013	0.026	
5/20/2014	0.024	
11/12/2014	0.029	
5/24/2015	0.027	
11/12/2015	0.029	
4/13/2016	0.029 (D)	
6/21/2016	0.0306	
8/15/2016	0.026	
10/7/2016	0.031	
12/1/2016	0.031	
2/9/2017	0.032	
4/6/2017	0.029	
6/22/2017	0.034	
10/6/2017	0.031	
3/22/2018	0.034	
10/3/2018	0.03	
3/26/2019		0.035
9/11/2019		0.035
3/18/2020		0.058
9/10/2020		0.037
4/6/2021		0.038
8/11/2021		0.037
2/16/2022		0.035
8/26/2022		0.035
2/27/2023		0.04
8/9/2023		0.04
3/1/2024		0.039

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intravel

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-14	GWC-14
5/9/2010	0.01 (J)	
6/18/2010	0.0097 (J)	
7/28/2010	0.0096 (J)	
9/9/2010	0.01 (J)	
4/30/2011	0.0096 (J)	
10/28/2011	0.0064 (O)	
5/3/2012	0.0054 (O)	
11/10/2012	0.0094 (J)	
5/8/2013	0.0093 (J)	
11/5/2013	0.009 (J)	
5/20/2014	0.009 (J)	
11/12/2014	0.0098 (J)	
5/24/2015	0.0096 (J)	
11/11/2015	0.0092 (J)	
4/13/2016	0.00929 (JD)	
6/21/2016	0.0106	
8/15/2016	0.0077	
10/4/2016	<0.0091	
12/1/2016	0.0089	
2/7/2017	0.0089	
4/6/2017	0.0085	
6/20/2017	0.0097	
10/5/2017	0.0096	
3/20/2018	0.0091	
10/2/2018	0.0096	
3/26/2019	0.0092	
9/11/2019	0.011	
3/18/2020	0.0099 (J)	
9/9/2020	0.01	
4/1/2021	0.0095 (J)	
8/11/2021	0.012	
2/16/2022	0.011	
8/26/2022	0.011	
2/27/2023		0.011
8/9/2023		0.012
3/1/2024		0.012

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intravel

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-18	GWC-18
5/10/2010	0.039 (J)	
6/16/2010	0.041 (J)	
7/26/2010	0.04 (J)	
9/7/2010	0.038 (J)	
4/29/2011	0.034 (J)	
10/28/2011	0.035	
5/2/2012	0.038	
11/9/2012	0.035 (V)	
5/8/2013	0.037	
11/6/2013	0.036 (V)	
5/23/2014	0.036	
11/8/2014	0.038	
5/22/2015	0.035	
11/10/2015	0.032	
4/11/2016	0.0352	
6/16/2016	0.033	
8/11/2016	0.035	
10/5/2016	<0.032	
11/29/2016	0.034	
2/8/2017	0.032	
4/6/2017	0.031	
6/21/2017	0.035	
10/5/2017	0.034	
3/20/2018	0.033	
10/2/2018	0.032	
3/26/2019	0.033	
9/11/2019	0.035	
3/18/2020	0.036	
9/9/2020	0.036	
4/1/2021	0.035	
8/11/2021	0.037	
2/16/2022	0.034	
8/25/2022	0.035	
2/28/2023		0.035
8/9/2023		0.037
2/29/2024		0.037

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - IntraWell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-19	GWC-19
5/11/2010	0.018 (J)	
6/16/2010	0.017 (J)	
7/27/2010	0.016 (J)	
9/7/2010	0.017 (J)	
4/29/2011	0.018 (J)	
10/28/2011	0.016	
5/2/2012	0.018	
11/9/2012	0.017 (V)	
5/9/2013	0.017	
11/6/2013	0.018 (V)	
5/22/2014	0.016	
11/8/2014	0.018	
5/23/2015	0.018	
11/10/2015	0.017	
4/11/2016	0.0191	
6/16/2016	0.017	
8/11/2016	0.015	
10/5/2016	<0.018	
11/29/2016	0.017	
2/8/2017	0.017	
4/5/2017	0.017	
6/21/2017	0.019	
10/5/2017	0.018	
3/20/2018	0.019	
10/2/2018	0.018	
3/26/2019		0.018
9/12/2019		0.026
3/19/2020		0.025
9/9/2020		0.026
4/5/2021		0.028
8/11/2021		0.031
2/16/2022		0.027
8/25/2022		0.03
2/28/2023		0.031
8/8/2023		0.032
2/29/2024		0.033

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intravel

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-2	GWC-2
5/11/2010	0.048 (J)	
6/19/2010	0.033 (J)	
7/27/2010	0.047 (J)	
9/9/2010	0.045 (J)	
4/28/2011	0.048 (J)	
10/28/2011	0.044	
5/3/2012	0.047	
11/9/2012	0.055 (V)	
5/9/2013	0.049	
11/5/2013	0.045	
5/22/2014	0.04	
11/13/2014	0.045	
5/24/2015	0.045	
11/11/2015	0.045	
4/12/2016	0.0519	
6/16/2016	0.045	
8/11/2016	0.04	
10/4/2016	0.044	
11/30/2016	0.044	
2/7/2017	0.044	
4/6/2017	0.041	
6/20/2017	0.045	
10/4/2017	0.047	
3/20/2018	0.045	
10/2/2018	0.044	
3/26/2019	0.045	
9/10/2019	0.047	
3/18/2020	0.048	
9/9/2020	0.047	
4/1/2021	0.044	
8/12/2021	0.048	
2/15/2022	0.048	
8/26/2022	0.045	
2/27/2023		0.048
8/9/2023		0.045
3/1/2024		0.046

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intravel

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-20	GWC-20
5/11/2010	0.032 (J)	
6/17/2010	0.031 (J)	
7/27/2010	0.035 (J)	
9/7/2010	0.032 (J)	
4/29/2011	0.031 (J)	
10/28/2011	0.03	
5/3/2012	0.032	
11/10/2012	0.028 (V)	
5/9/2013	0.029	
11/6/2013	0.03 (V)	
5/22/2014	0.029	
11/9/2014	0.032	
5/24/2015	0.029	
11/10/2015	0.026	
4/12/2016	0.033	
6/16/2016	0.028	
8/11/2016	0.026	
10/5/2016	0.03	
11/30/2016	0.03	
2/8/2017	0.033	
4/6/2017	0.033	
6/21/2017	0.03	
10/5/2017	0.028	
3/21/2018	<0.03 (X)	
10/3/2018	0.028	
3/26/2019	0.03	
9/12/2019	0.035	
3/19/2020	0.032	
9/10/2020	0.031	
4/5/2021	0.029	
8/11/2021	0.031	
2/16/2022	0.03	
8/25/2022	0.031	
2/28/2023		0.032
8/8/2023		0.035
3/1/2024		0.036

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intravel

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-3	GWC-3
5/11/2010	0.039	
6/17/2010	0.017	
7/28/2010	0.071 (O)	
9/7/2010	0.026	
4/29/2011	0.016	
10/28/2011	0.014	
5/3/2012	0.017	
11/9/2012	0.022 (V)	
5/10/2013	0.025	
11/6/2013	0.015	
5/22/2014	0.016	
11/9/2014	0.017	
5/22/2015	0.017	
11/10/2015	0.018	
4/12/2016	0.0169 (D)	
6/20/2016	0.014	
8/12/2016	0.018	
10/5/2016	0.015	
11/30/2016	0.018	
2/8/2017	0.018	
4/6/2017	0.017	
6/21/2017	0.02	
10/5/2017	0.017	
3/21/2018	<0.018 (X)	
10/3/2018	0.016	
3/26/2019	0.015	
9/10/2019	0.014	
3/18/2020	0.013	
9/10/2020	0.015	
4/6/2021	0.014	
8/12/2021	0.019	
2/15/2022	0.013	
8/25/2022	0.013	
2/28/2023		0.011
8/9/2023		0.013
3/4/2024		0.019

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intravel

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-4	GWC-4
5/11/2010	0.031 (J)	
6/17/2010	0.033 (J)	
7/28/2010	0.033 (J)	
9/8/2010	0.033 (J)	
4/28/2011	0.039 (J)	
10/29/2011	0.029	
5/3/2012	0.036	
11/10/2012	0.032 (V)	
5/10/2013	0.035	
11/6/2013	0.037	
5/22/2014	0.031	
11/9/2014	0.034	
5/22/2015	0.039	
11/11/2015	0.042	
4/12/2016	0.0386	
6/20/2016	0.031	
8/12/2016	0.033	
10/6/2016	0.042	
11/30/2016	0.04	
2/8/2017	0.042	
4/6/2017	0.041	
6/22/2017	0.047	
10/6/2017	0.045	
3/21/2018	0.045	
10/3/2018	0.042	
3/26/2019	0.053	
9/10/2019	0.037	
3/19/2020	0.045	
9/10/2020	0.045	
4/2/2021		0.047
8/12/2021		0.049
2/15/2022		0.055
5/12/2022		0.06 (R)
8/25/2022		0.054
12/28/2022		0.065 (R)
2/27/2023		0.081
8/8/2023		0.085
2/29/2024		0.1

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intravel

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-5	GWC-5
5/11/2010	0.034 (J)	
6/18/2010	0.028 (J)	
7/27/2010	0.026 (J)	
9/9/2010	0.022 (J)	
4/29/2011	0.016 (J)	
10/28/2011	0.014	
5/4/2012	0.017	
11/10/2012	0.014 (V)	
5/9/2013	0.016	
11/6/2013	0.016	
5/22/2014	0.016	
11/9/2014	0.018	
5/24/2015	0.11	
11/11/2015	0.12	
4/19/2016	0.099	
6/22/2016	0.074	
8/16/2016	0.045	
10/6/2016	0.046	
12/1/2016	0.046	
2/9/2017	0.055	
4/6/2017	0.057	
6/21/2017	0.062	
10/5/2017	0.052	
3/22/2018	0.048	
10/3/2018	0.036	
3/27/2019	0.038	
9/11/2019	0.039	
3/18/2020	0.04	
9/9/2020	0.033	
4/1/2021	0.04	
8/12/2021	0.036	
2/15/2022	0.038	
8/25/2022	0.031	
2/28/2023		0.038
8/8/2023		0.031
2/29/2024		0.042

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intravel
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-6	GWC-6
5/11/2010	0.053 (J)	
6/18/2010	0.055 (J)	
7/27/2010	0.053 (J)	
9/9/2010	0.05 (J)	
4/30/2011	0.05 (J)	
10/29/2011	0.045	
5/4/2012	0.051	
11/10/2012	0.048 (V)	
5/9/2013	0.048	
11/7/2013	0.049	
5/21/2014	0.048	
11/9/2014	0.053	
5/24/2015	0.061	
11/11/2015	0.063	
4/12/2016	0.0626	
6/20/2016	0.057	
8/12/2016	0.053	
10/6/2016	0.053	
11/30/2016	0.06	
2/9/2017	0.054	
4/6/2017	0.055	
6/21/2017	0.063	
10/6/2017	0.054	
3/21/2018	0.056	
10/3/2018	0.051	
3/26/2019	0.052	
9/11/2019	0.059	
3/18/2020	0.05	
9/10/2020	0.056	
4/5/2021	0.054	
8/11/2021	0.054	
2/15/2022	0.057	
8/25/2022	0.055	
2/27/2023		0.052
8/8/2023		0.046
2/29/2024		0.06

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intravel

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-7	GWC-7
5/10/2010	0.029 (J)	
6/18/2010	0.044 (J)	
7/28/2010	0.028 (J)	
9/9/2010	0.029 (J)	
4/30/2011	0.025 (J)	
10/29/2011	0.026	
5/4/2012	0.032	
11/10/2012	0.028 (V)	
5/9/2013	0.03	
11/7/2013	0.031	
5/21/2014	0.029	
11/12/2014	0.031	
5/24/2015	0.039	
11/11/2015	0.032	
4/13/2016	0.0328 (D)	
6/20/2016	0.03	
8/15/2016	0.033	
10/6/2016	0.032	
12/1/2016	0.034	
2/9/2017	0.032	
4/7/2017	0.031	
6/22/2017	0.035	
10/6/2017	0.034	
3/22/2018	0.035	
10/4/2018	0.031	
3/27/2019	0.033	
9/11/2019	0.035	
3/19/2020	0.036	
9/10/2020	0.039	
4/1/2021	0.036	
8/11/2021	0.036	
2/15/2022	0.035	
8/25/2022	0.035	
2/27/2023		0.036
8/8/2023		0.034
2/29/2024		0.041

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intravel

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-8A	GWC-8A
5/10/2010	0.05 (J)	
6/19/2010	0.045 (J)	
7/28/2010	0.046 (J)	
9/8/2010	0.071 (J)	
4/30/2011	0.098 (J)	
10/27/2011	0.048	
5/4/2012	0.055	
11/11/2012	0.05 (V)	
5/10/2013	0.12	
11/7/2013	0.044	
5/21/2014	0.037	
11/13/2014	0.085	
5/23/2015	0.054	
11/11/2015	0.059	
4/19/2016	0.0415	
10/10/2016	0.034	
12/1/2016	0.037	
2/9/2017	0.043	
4/7/2017	0.019	
6/21/2017	0.017	
8/15/2017	0.021	
9/1/2017	0.02	
10/9/2017	0.019	
3/22/2018	0.019	
10/4/2018	0.012	
3/27/2019	0.025	
9/11/2019	0.022	
3/18/2020	0.043	
9/9/2020	0.053	
4/5/2021	0.045	
8/12/2021	0.026	
2/15/2022	0.048	
8/25/2022	0.03	
2/27/2023		0.055
8/8/2023		0.051
2/29/2024		0.042

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - IntraWell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-9	GWC-9
5/10/2010	0.026 (J)	
6/16/2010	0.026 (J)	
7/27/2010	0.029 (J)	
9/8/2010	0.027 (J)	
4/29/2011	0.02 (J)	
10/27/2011	0.02	
5/3/2012	0.021	
11/11/2012	0.028 (V)	
5/9/2013	0.026	
11/6/2013	0.026	
5/21/2014	0.023	
11/12/2014	0.038	
5/23/2015	0.021	
11/12/2015	0.02	
4/13/2016	0.0164 (D)	
6/22/2016	0.0238	
8/15/2016	0.02	
10/6/2016	0.021	
12/1/2016	0.025	
2/8/2017	0.017	
4/6/2017	0.019	
6/21/2017	0.026	
10/5/2017	0.022	
3/21/2018	<0.021 (X)	
10/2/2018	0.023	
3/27/2019	0.018	
9/11/2019	0.028	
3/18/2020	0.013	
9/9/2020	0.025	
4/1/2021	0.018	
8/12/2021	0.023	
2/15/2022	0.023	
8/25/2022	0.04	
2/27/2023		0.025
8/8/2023		0.027
3/1/2024		0.026

Prediction Limit

Constituent: Beryllium, T Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

	GWA-17	GWA-17
5/8/2010	<0.0025	
6/16/2010	<0.0025	
7/26/2010	<0.0025	
9/7/2010	<0.0025	
4/29/2011	<0.0025	
10/28/2011	<0.0025	
5/2/2012	<0.0025	
11/9/2012	0.0021	
5/8/2013	<0.0025	
11/6/2013	<0.0025	
5/20/2014	<0.0025	
11/8/2014	<0.0025	
5/22/2015	<0.0025	
11/9/2015	<0.0025	
4/6/2016	<0.0025	
6/15/2016	<0.0025	
8/10/2016	<0.0025	
10/5/2016	<0.0025	
11/29/2016	<0.0025	
2/7/2017	<0.0025	
4/4/2017	<0.0025	
6/20/2017	<0.0025	
10/5/2017	<0.0025	
3/20/2018	<0.0025	
10/2/2018	<0.0025	
3/26/2019	<0.0025	
9/10/2019	<0.0025	
3/18/2020	<0.0025	
9/9/2020	<0.0025	
4/1/2021	<0.0025	
8/11/2021	<0.0025	
2/15/2022	<0.0025	
8/24/2022	<0.0025	
2/28/2023		<0.0025
8/3/2023		<0.0025
2/28/2024		<0.0025

Prediction Limit

Constituent: Beryllium, T Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-5	GWC-5
5/11/2010	<0.0025	
6/18/2010	<0.0025	
7/27/2010	<0.0025	
9/9/2010	<0.0025	
4/29/2011	<0.0025	
10/28/2011	<0.0025	
5/4/2012	<0.0025	
11/10/2012	<0.0025	
5/9/2013	<0.0025	
11/6/2013	<0.0025	
5/22/2014	<0.0025	
11/9/2014	<0.0025	
5/24/2015	<0.0025	
11/11/2015	<0.0025	
4/19/2016	<0.0025	
6/22/2016	<0.0025	
8/16/2016	<0.0025	
10/6/2016	<0.0025	
12/1/2016	<0.0025	
2/9/2017	<0.0025	
4/6/2017	<0.0025	
6/21/2017	<0.0025	
10/5/2017	<0.0025	
3/22/2018	<0.0025	
10/3/2018	<0.0025	
3/27/2019	<0.0025	
9/11/2019	<0.0025	
3/18/2020	<0.0025	
9/9/2020	<0.0025	
4/1/2021	<0.0025	
8/12/2021	0.00022 (J)	
2/15/2022	<0.0025	
8/25/2022	<0.0025	
2/28/2023		<0.0025
8/8/2023		<0.0025
2/29/2024		<0.0025

Prediction Limit

Constituent: Beryllium, T Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-7	GWC-7
5/10/2010	<0.0025	
6/18/2010	<0.0025	
7/28/2010	<0.0025	
9/9/2010	<0.0025	
4/30/2011	<0.0025	
10/29/2011	<0.0025	
5/4/2012	<0.0025	
11/10/2012	<0.0025	
5/9/2013	<0.0025	
11/7/2013	<0.0025	
5/21/2014	<0.0025	
11/12/2014	<0.0025	
5/24/2015	<0.0025	
11/11/2015	<0.0025	
4/13/2016	<0.0025 (D)	
6/20/2016	<0.0025	
8/15/2016	<0.0025	
10/6/2016	<0.0025	
12/1/2016	<0.0025	
2/9/2017	<0.0025	
4/7/2017	<0.0025	
6/22/2017	<0.0025	
10/6/2017	<0.0025	
3/22/2018	<0.0025	
10/4/2018	<0.0025	
3/27/2019	<0.0025	
9/11/2019	<0.0025	
3/19/2020	<0.0025	
9/10/2020	0.00018 (J)	
4/1/2021	<0.0025	
8/11/2021	<0.0025	
2/15/2022	<0.0025	
8/25/2022	<0.0025	
2/27/2023		<0.0025
8/8/2023		<0.0025
2/29/2024		<0.0025

Prediction Limit

Constituent: Beryllium, T Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intrawell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-8A	GWC-8A
5/10/2010	<0.0025	
6/19/2010	<0.0025	
7/28/2010	<0.0025	
9/8/2010	<0.0025	
4/30/2011	<0.0025	
10/27/2011	<0.0025	
5/4/2012	<0.0025	
11/11/2012	<0.0025	
5/10/2013	<0.0025	
11/7/2013	<0.0025	
5/21/2014	<0.0025	
11/13/2014	<0.0025	
5/23/2015	<0.0025	
11/11/2015	<0.0025	
4/19/2016	<0.0025	
10/10/2016	<0.0025	
12/1/2016	<0.0025	
2/9/2017	<0.0025	
4/7/2017	<0.0025	
6/21/2017	<0.0025	
8/15/2017	<0.0025	
9/1/2017	<0.0025	
10/9/2017	<0.0025	
3/22/2018	<0.0025	
10/4/2018	<0.0025	
3/27/2019	<0.0025	
9/11/2019	<0.0025	
3/18/2020	<0.0025	
9/9/2020	<0.0025	
4/5/2021	0.00038 (J)	
8/12/2021	<0.0025	
2/15/2022	<0.0025	
8/25/2022	<0.0025	
2/27/2023		<0.0025
8/8/2023		<0.0025
2/29/2024		<0.0025

Prediction Limit

Constituent: Cadmium, Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

	GWA-17	GWA-17
5/8/2010	<0.0025	
6/16/2010	<0.0025	
7/26/2010	<0.0025	
9/7/2010	<0.0025	
4/29/2011	<0.0025	
10/28/2011	<0.0025	
5/2/2012	<0.0025	
11/9/2012	<0.0025	
5/8/2013	<0.0025	
11/6/2013	<0.0025	
5/20/2014	<0.0025	
11/8/2014	<0.0025	
5/22/2015	<0.0025	
11/9/2015	<0.0025	
4/6/2016	<0.0025	
6/15/2016	<0.0025	
8/10/2016	<0.0025	
10/5/2016	<0.0025	
11/29/2016	<0.0025	
2/7/2017	<0.0025	
4/4/2017	<0.0025	
6/20/2017	<0.0025	
10/5/2017	<0.0025	
3/20/2018	<0.0025	
10/2/2018	<0.0025	
3/26/2019	<0.0025	
9/10/2019	0.00013 (J)	
3/18/2020	<0.0025	
9/9/2020	<0.0025	
4/1/2021	<0.0025	
8/11/2021	<0.0025	
2/15/2022	<0.0025	
8/24/2022	<0.0025	
2/28/2023		<0.0025
8/3/2023		<0.0025
2/28/2024		<0.0025

Prediction Limit

Constituent: Cadmium, Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-11	GWC-11
5/10/2010	<0.0025	
6/16/2010	<0.0025	
7/27/2010	<0.0025	
9/8/2010	<0.0025	
4/29/2011	<0.0025	
10/27/2011	<0.0025	
5/4/2012	<0.0025	
11/10/2012	<0.0025	
5/9/2013	<0.0025	
11/6/2013	<0.0025	
5/20/2014	<0.0025	
11/12/2014	<0.0025	
5/24/2015	<0.0025	
11/12/2015	<0.0025	
4/13/2016	<0.0025 (D)	
6/21/2016	<0.0025	
8/15/2016	<0.0025	
10/5/2016	<0.0025	
12/1/2016	<0.0025	
2/8/2017	<0.0025	
4/6/2017	<0.0025	
6/20/2017	<0.0025	
10/5/2017	<0.0025	
3/21/2018	<0.0025	
10/2/2018	<0.0025	
3/27/2019	<0.0025	
9/11/2019	<0.0025	
3/18/2020	<0.0025	
9/10/2020	0.001 (J)	
4/1/2021	<0.0025	
8/11/2021	<0.0025	
2/16/2022	<0.0025	
8/25/2022	<0.0025	
2/27/2023		<0.0025
8/9/2023		<0.0025
2/29/2024		<0.0025

Prediction Limit

Constituent: Cadmium, Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-2	GWC-2
5/11/2010	<0.0025	
6/19/2010	<0.0025	
7/27/2010	<0.0025	
9/9/2010	<0.0025	
4/28/2011	<0.0025	
10/28/2011	<0.0025	
5/3/2012	<0.0025	
11/9/2012	<0.0025	
5/9/2013	<0.0025	
11/5/2013	<0.0025	
5/22/2014	<0.0025	
11/13/2014	<0.0025	
5/24/2015	<0.0025	
11/11/2015	<0.0025	
4/12/2016	<0.0025	
6/16/2016	<0.0025	
8/11/2016	<0.0025	
10/4/2016	<0.0025	
11/30/2016	<0.0025	
2/7/2017	<0.0025	
4/6/2017	<0.0025	
6/20/2017	<0.0025	
10/4/2017	<0.0025	
3/20/2018	<0.0025	
10/2/2018	<0.0025	
3/26/2019	<0.0025	
9/10/2019	<0.0025	
3/18/2020	<0.0025	
9/9/2020	<0.0025	
4/1/2021	0.00038 (J)	
8/12/2021	<0.0025	
2/15/2022	<0.0025	
8/26/2022	<0.0025	
2/27/2023		<0.0025
8/9/2023		<0.0025
3/1/2024		<0.0025

Prediction Limit

Constituent: Cadmium, Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - IntraWell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-8A	GWC-8A
5/10/2010	<0.0025	
6/19/2010	<0.0025	
7/28/2010	<0.0025	
9/8/2010	0.001	
4/30/2011	0.0014	
10/27/2011	0.0011	
5/4/2012	<0.0025	
11/11/2012	<0.0025	
5/10/2013	0.0016	
11/7/2013	0.001	
5/21/2014	<0.0025	
11/13/2014	<0.0025	
5/23/2015	<0.0025	
11/11/2015	<0.0025	
4/19/2016	0.000379 (J)	
10/10/2016	<0.0025	
12/1/2016	<0.0025	
2/9/2017	0.00037 (J)	
4/7/2017	<0.0025	
6/21/2017	<0.0025	
8/15/2017	<0.0025	
9/1/2017	<0.0025	
10/9/2017	<0.0025	
3/22/2018	<0.0025	
10/4/2018	<0.0025	
3/27/2019	<0.0025	
9/11/2019	<0.0025	
3/18/2020	<0.0025	
9/9/2020	<0.0025	
4/5/2021	0.0003 (J)	
8/12/2021	<0.0025	
2/15/2022	<0.0025	
8/25/2022	<0.0025	
2/27/2023		<0.0025
8/8/2023		<0.0025
2/29/2024		<0.0025

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - IntraWell

Plant Scherer Data: Scherer Cell 1-CCR

	GWA-15	GWA-15
5/9/2010	<0.002	
6/18/2010	<0.002	
7/28/2010	<0.002	
9/9/2010	<0.002	
4/30/2011	<0.002	
10/28/2011	<0.002	
5/2/2012	<0.002	
11/9/2012	<0.002	
5/8/2013	<0.002	
11/5/2013	0.0036	
5/20/2014	<0.002	
11/12/2014	<0.002	
5/22/2015	<0.002	
11/11/2015	<0.002	
4/6/2016	<0.002	
6/15/2016	<0.002	
8/10/2016	<0.002	
10/4/2016	<0.002	
11/30/2016	<0.002	
2/7/2017	<0.002	
4/4/2017	<0.002	
6/20/2017	<0.002	
10/4/2017	<0.002	
3/20/2018	<0.002 (D)	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/10/2019	0.0023 (J)	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021	<0.002	
8/11/2021	<0.002	
2/15/2022	<0.002	
8/25/2022	<0.002	
2/28/2023		<0.002
8/3/2023		<0.002
3/4/2024		<0.002

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - IntraWell

Plant Scherer Data: Scherer Cell 1-CCR

	GWA-16	GWA-16
5/9/2010	0.003 (J)	
6/16/2010	0.0042 (J)	
7/27/2010	0.0048 (J)	
9/7/2010	0.0037 (J)	
4/29/2011	0.0046 (J)	
10/28/2011	0.005	
5/2/2012	0.0052	
11/9/2012	0.0054	
5/8/2013	0.0058	
11/6/2013	0.0062 (J)	
5/20/2014	0.0047 (J)	
11/8/2014	0.0064 (J)	
5/22/2015	0.0059 (J)	
11/9/2015	0.0043 (J)	
4/6/2016	0.00457 (J)	
6/15/2016	<0.01	
8/10/2016	0.0042	
10/4/2016	0.0052	
11/29/2016	0.004	
2/7/2017	0.004	
4/4/2017	0.0021 (J)	
6/20/2017	0.0046	
10/5/2017	0.005	
3/20/2018	0.0044	
10/2/2018	0.0043	
3/26/2019	0.0046	
9/10/2019	0.0076	
3/18/2020	0.0044	
9/9/2020	0.005	
4/1/2021	0.0053	
8/11/2021	0.0059	
2/15/2022	0.0056	
8/25/2022	0.0056	
2/28/2023		0.0061
8/3/2023		0.0073
2/28/2024		0.0071

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - IntraWell

Plant Scherer Data: Scherer Cell 1-CCR

	GWA-17	GWA-17
5/8/2010	0.0032 (J)	
6/16/2010	0.0037 (J)	
7/26/2010	0.0058	
9/7/2010	0.0078	
4/29/2011	0.005	
10/28/2011	0.0068	
5/2/2012	0.0065	
11/9/2012	0.006	
5/8/2013	0.0074	
11/6/2013	0.0082 (J)	
5/20/2014	0.0051 (J)	
11/8/2014	0.0074 (J)	
5/22/2015	0.0084 (J)	
11/9/2015	0.009 (J)	
4/6/2016	0.00779 (J)	
6/15/2016	<0.01	
8/10/2016	0.0068	
10/5/2016	0.0076	
11/29/2016	0.0045	
2/7/2017	0.0067	
4/4/2017	0.0079	
6/20/2017	0.0084	
10/5/2017	0.0061	
3/20/2018	0.006	
10/2/2018	0.0061	
3/26/2019	0.0065	
9/10/2019	0.012	
3/18/2020	0.0083	
9/9/2020	0.0088	
4/1/2021	0.0082	
8/11/2021	0.0089	
2/15/2022	0.0084	
8/24/2022	0.0076	
2/28/2023		0.0083
8/3/2023		0.0089
2/28/2024		0.0096

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - IntraWell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-1	GWC-1
5/11/2010	0.0077	
6/17/2010	0.0053	
7/27/2010	0.0085	
9/9/2010	0.0076	
4/28/2011	0.0048 (J)	
10/29/2011	0.0093	
5/3/2012	0.01	
11/9/2012	0.009	
5/9/2013	0.0085	
11/5/2013	0.015	
5/23/2014	0.012	
11/13/2014	0.011	
5/23/2015	0.012	
11/11/2015	0.014	
4/12/2016	0.0135	
6/16/2016	0.014	
8/11/2016	0.013	
10/4/2016	0.014	
11/30/2016	0.013	
2/7/2017	0.013	
4/5/2017	0.014	
6/20/2017	0.013	
10/4/2017	0.015	
3/20/2018	0.013	
10/2/2018	0.014	
3/26/2019	0.013	
9/10/2019	0.018	
3/18/2020	0.014	
9/9/2020	0.014	
4/1/2021	0.014	
8/18/2021	0.014	
2/15/2022	0.011	
8/24/2022	0.014	
2/27/2023		0.014
8/9/2023		0.017
3/1/2024		0.014

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - IntraWell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-10	GWC-10
5/10/2010	0.011	
6/16/2010	0.0095	
7/28/2010	0.01	
9/8/2010	0.011	
4/29/2011	0.0096	
10/27/2011	0.011	
5/4/2012	0.01	
11/11/2012	0.01	
5/9/2013	0.011	
11/5/2013	0.015	
5/21/2014	0.013	
11/12/2014	0.012	
5/23/2015	0.014	
11/12/2015	0.016	
4/13/2016	0.0152 (D)	
6/21/2016	0.016	
8/15/2016	0.015	
10/5/2016	0.016	
12/1/2016	0.015	
2/8/2017	0.017	
4/6/2017	0.018	
6/21/2017	0.017	
10/5/2017	0.018	
3/21/2018	0.017 (J+X)	
10/2/2018	0.018	
3/27/2019	0.017	
9/11/2019	0.023	
3/18/2020	0.02	
9/9/2020	0.018	
4/1/2021	0.02	
10/18/2021	0.019	
2/15/2022	0.021	
8/25/2022	0.018	
2/21/2023		0.02
8/9/2023		0.022
3/1/2024		0.019

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - IntraWell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-11	GWC-11
5/10/2010	0.011	
6/16/2010	0.012	
7/27/2010	0.012	
9/8/2010	0.011	
4/29/2011	0.01	
10/27/2011	0.0077	
5/4/2012	0.0082	
11/10/2012	0.007	
5/9/2013	0.0079	
11/6/2013	0.011	
5/20/2014	0.0076 (J)	
11/12/2014	0.0071 (J)	
5/24/2015	0.0083 (J)	
11/12/2015	0.0069 (J)	
4/13/2016	0.00804 (JD)	
6/21/2016	0.0086 (J)	
8/15/2016	0.0073	
10/5/2016	0.0077	
12/1/2016	0.0075	
2/8/2017	0.0078	
4/6/2017	0.0079	
6/20/2017	0.0078	
10/5/2017	0.0081	
3/21/2018	<0.0081 (X)	
10/2/2018	0.0075	
3/27/2019	0.007	
9/11/2019	0.011	
3/18/2020	0.0086	
9/10/2020	0.009	
4/1/2021	0.0078	
8/11/2021	0.0078	
2/16/2022	0.0074	
8/25/2022	0.0069	
2/27/2023		0.0082
8/9/2023		0.0087
2/29/2024		0.0086

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - IntraWell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-12	GWC-12
5/9/2010	<0.002	
6/18/2010	<0.002	
7/27/2010	0.002 (J)	
9/8/2010	<0.002	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/3/2012	<0.002	
11/10/2012	<0.002	
5/9/2013	<0.002	
11/6/2013	0.0031 (J)	
5/20/2014	0.002 (J)	
11/12/2014	<0.002	
5/23/2015	0.0027 (J)	
11/12/2015	0.0022 (J)	
4/13/2016	<0.002 (D)	
6/21/2016	0.0012 (J)	
8/15/2016	0.0021 (J)	
10/5/2016	0.0013 (J)	
12/1/2016	0.0015 (J)	
2/8/2017	0.0016 (J)	
4/5/2017	0.0014 (J)	
6/20/2017	0.0015 (J)	
10/5/2017	0.0015 (J)	
3/21/2018	<0.002 (XD)	
10/2/2018	0.0012 (J)	
3/26/2019	0.0013 (J)	
9/11/2019	0.0036	
3/18/2020	0.0016 (J)	
9/10/2020	<0.002	
4/1/2021	0.0015 (J)	
8/11/2021	<0.002	
2/16/2022	<0.002	
8/26/2022	<0.002	
2/27/2023		0.002
8/9/2023		0.0026
2/29/2024		0.0021

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - IntraWell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-13	GWC-13
5/9/2010	0.0051	
6/18/2010	0.0043 (J)	
7/29/2010	0.0058	
9/9/2010	0.0052	
4/26/2011	0.0025 (J)	
10/28/2011	0.0035 (J)	
5/4/2012	0.0073	
11/11/2012	0.004 (J)	
5/8/2013	0.006	
11/7/2013	0.0068 (J)	
5/20/2014	0.0039 (J)	
11/12/2014	0.0039 (J)	
5/24/2015	0.004 (J)	
11/12/2015	0.0077 (J)	
4/13/2016	0.0038 (JD)	
6/21/2016	0.0035 (J)	
8/15/2016	0.0034	
10/7/2016	0.0037	
12/1/2016	0.0037	
2/9/2017	0.0038	
4/6/2017	0.0039	
6/22/2017	0.0042	
10/6/2017	0.0039	
3/22/2018	0.028 (Q)	
10/3/2018	0.0056	
3/26/2019	0.0048	
9/11/2019	0.0075	
3/18/2020	0.008	
9/10/2020	0.0054	
4/6/2021	0.0061	
8/11/2021	0.0051	
2/16/2022	0.005	
8/26/2022	0.0043	
2/27/2023		0.006
8/9/2023		0.0066
3/1/2024		0.0059

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - IntraWell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-14	GWC-14
5/9/2010	<0.002	
6/18/2010	<0.002	
7/28/2010	<0.002	
9/9/2010	<0.002	
4/30/2011	<0.002	
10/28/2011	<0.002	
5/3/2012	<0.002	
11/10/2012	<0.002	
5/8/2013	<0.002	
11/5/2013	0.0036	
5/20/2014	<0.002	
11/12/2014	<0.002	
5/24/2015	<0.002	
11/11/2015	<0.002	
4/13/2016	<0.002 (D)	
6/21/2016	0.0006 (J)	
8/15/2016	<0.002	
10/4/2016	<0.002	
12/1/2016	<0.002	
2/7/2017	<0.002	
4/6/2017	<0.002	
6/20/2017	<0.002	
10/5/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/11/2019	0.0038	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021	<0.002	
8/11/2021	<0.002	
2/16/2022	<0.002	
8/26/2022	<0.002	
2/27/2023		<0.002
8/9/2023		0.0018 (J)
3/1/2024		0.0022

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - IntraWell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-18	GWC-18
5/10/2010	0.012	
6/16/2010	0.014	
7/26/2010	0.013	
9/7/2010	0.015	
4/29/2011	0.014	
10/28/2011	0.014	
5/2/2012	0.017	
11/9/2012	0.014	
5/8/2013	0.017	
11/6/2013	0.017	
5/23/2014	0.013	
11/8/2014	0.018	
5/22/2015	0.02	
11/10/2015	0.013	
4/11/2016	0.0139	
6/16/2016	0.014	
8/11/2016	0.016	
10/5/2016	0.014	
11/29/2016	0.013	
2/8/2017	0.013	
4/6/2017	0.014	
6/21/2017	0.013	
10/5/2017	0.014	
3/20/2018	0.014	
10/2/2018	0.014	
3/26/2019	0.014	
9/11/2019	0.017	
3/18/2020	0.014	
9/9/2020	0.013	
4/1/2021	0.014	
8/11/2021	0.014	
2/16/2022	0.012	
8/25/2022	0.012	
2/28/2023		0.012
8/9/2023		0.014
2/29/2024		0.013

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - IntraWell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-19	GWC-19
5/11/2010	0.0039 (J)	
6/16/2010	0.0049 (J)	
7/27/2010	0.0047 (J)	
9/7/2010	0.0057	
4/29/2011	0.0087	
10/28/2011	0.0075	
5/2/2012	0.011	
11/9/2012	0.0076	
5/9/2013	0.0088	
11/6/2013	0.011	
5/22/2014	0.0057 (J)	
11/8/2014	0.013	
5/23/2015	0.014	
11/10/2015	0.0091 (J)	
4/11/2016	0.00767 (J)	
6/16/2016	<0.01	
8/11/2016	0.0085	
10/5/2016	0.01	
11/29/2016	0.0087	
2/8/2017	0.0093	
4/5/2017	0.0098	
6/21/2017	0.0094	
10/5/2017	0.0096	
3/20/2018	0.0097	
10/2/2018	0.0097	
3/26/2019	0.0091	
9/12/2019	0.012	
3/19/2020	0.012	
9/9/2020	0.011	
4/5/2021	0.012	
8/11/2021	0.013	
2/16/2022	0.011	
8/25/2022	0.015	
2/28/2023		0.014
8/8/2023		0.014
2/29/2024		0.015

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - IntraWell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-2	GWC-2
5/11/2010	0.0051	
6/19/2010	<0.011	
7/27/2010	0.01	
9/9/2010	0.0072	
4/28/2011	0.0077	
10/28/2011	0.011	
5/3/2012	0.011	
11/9/2012	0.0089	
5/9/2013	0.0089	
11/5/2013	0.011	
5/22/2014	0.01	
11/13/2014	0.0084 (J)	
5/24/2015	0.0095 (J)	
11/11/2015	0.011	
4/12/2016	0.0122	
6/16/2016	<0.011	
8/11/2016	0.01	
10/4/2016	0.011	
11/30/2016	0.0098	
2/7/2017	0.0096	
4/6/2017	0.01	
6/20/2017	0.01	
10/4/2017	0.011	
3/20/2018	0.0099	
10/2/2018	0.01	
3/26/2019	0.0096	
9/10/2019	0.014	
3/18/2020	0.011	
9/9/2020	0.01	
4/1/2021	0.0057	
8/12/2021	0.012	
2/15/2022	0.011	
8/26/2022	0.0095	
2/27/2023		0.012
8/9/2023		0.012
3/1/2024		0.011

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - IntraWell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-20	GWC-20
5/11/2010	0.0063	
6/17/2010	0.0053	
7/27/2010	0.0064	
9/7/2010	0.0078	
4/29/2011	0.0065	
10/28/2011	0.0092	
5/3/2012	0.011	
11/10/2012	0.0073	
5/9/2013	0.0098	
11/6/2013	0.011	
5/22/2014	0.0097 (J)	
11/9/2014	0.012	
5/24/2015	0.016	
11/10/2015	0.0088 (J)	
4/12/2016	0.00965 (J)	
6/16/2016	<0.0085	
8/11/2016	0.0083	
10/5/2016	0.0094	
11/30/2016	0.0084	
2/8/2017	0.0091	
4/6/2017	0.011	
6/21/2017	0.0081	
10/5/2017	0.0083	
3/21/2018	<0.0085 (X)	
10/3/2018	0.0091	
3/26/2019	0.0092	
9/12/2019	0.011	
3/19/2020	0.0094	
9/10/2020	0.009	
4/5/2021	0.008	
8/11/2021	0.0087	
2/16/2022	0.0081	
8/25/2022	0.0079	
2/28/2023		0.009
8/8/2023		0.01
3/1/2024		0.0088

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - IntraWell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-3	GWC-3
5/11/2010	0.01	
6/17/2010	0.0087	
7/28/2010	0.028 (O)	
9/7/2010	0.022	
4/29/2011	0.0099	
10/28/2011	0.0089	
5/3/2012	0.0091	
11/9/2012	0.008	
5/10/2013	0.019	
11/6/2013	0.013	
5/22/2014	0.0093 (J)	
11/9/2014	0.0098 (J)	
5/22/2015	0.01	
11/10/2015	0.011	
4/12/2016	0.00925 (JD)	
6/20/2016	0.0076 (J)	
8/12/2016	0.0079	
10/5/2016	0.0085	
11/30/2016	0.0086	
2/8/2017	0.011	
4/6/2017	0.0098	
6/21/2017	0.011	
10/5/2017	0.01	
3/21/2018	<0.0093 (X)	
10/3/2018	0.0081	
3/26/2019	0.0075	
9/10/2019	0.0092	
3/18/2020	0.0049	
9/10/2020	0.0061	
4/6/2021	0.0074	
8/12/2021	0.0085	
2/15/2022	0.0076	
8/25/2022	0.0072	
2/28/2023		0.01
8/9/2023		0.013
3/4/2024		0.014

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - IntraWell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-4	GWC-4
5/11/2010	0.0046 (J)	
6/17/2010	0.007	
7/28/2010	0.0084	
9/8/2010	0.0071	
4/28/2011	0.008	
10/29/2011	0.0054	
5/3/2012	0.0065	
11/10/2012	0.0059	
5/10/2013	0.0083	
11/6/2013	0.0099 (J)	
5/22/2014	0.0049 (J)	
11/9/2014	0.0068 (J)	
5/22/2015	0.0087 (J)	
11/11/2015	0.0084 (J)	
4/12/2016	0.00419 (J)	
6/20/2016	0.0043 (J)	
8/12/2016	0.0037	
10/6/2016	0.0062	
11/30/2016	0.0043	
2/8/2017	0.0052	
4/6/2017	0.005	
6/22/2017	0.0052	
10/6/2017	0.0049	
3/21/2018	<0.0062 (X)	
10/3/2018	0.0039	
3/26/2019	0.0084	
9/10/2019	0.0067	
3/19/2020	0.0045	
9/10/2020	0.0055	
4/2/2021	0.0052	
8/12/2021	0.0045	
2/15/2022	0.0041	
8/25/2022	0.0038	
2/27/2023		0.0039
8/8/2023		0.0049
2/29/2024		0.0038

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - IntraWell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-5	GWC-5
5/11/2010	0.004 (J)	
6/18/2010	0.0056	
7/27/2010	0.0051	
9/9/2010	0.0037 (J)	
4/29/2011	0.0036 (J)	
10/28/2011	0.0026 (J)	
5/4/2012	0.0031 (J)	
11/10/2012	<0.005	
5/9/2013	0.0033 (J)	
11/6/2013	0.0045 (J)	
5/22/2014	0.0035 (J)	
11/9/2014	0.0062 (J)	
5/24/2015	0.012	
11/11/2015	0.0068 (J)	
4/19/2016	0.00368 (J)	
6/22/2016	0.0031 (J)	
8/16/2016	0.0028	
10/6/2016	0.003	
12/1/2016	0.0022 (J)	
2/9/2017	0.0035	
4/6/2017	0.0032	
6/21/2017	0.0031	
10/5/2017	0.0029	
3/22/2018	0.0086 (J+X)	
10/3/2018	0.003	
3/27/2019	0.0039	
9/11/2019	0.0079	
3/18/2020	0.0052	
9/9/2020	0.0048	
4/1/2021	0.0058	
8/12/2021	0.0053	
2/15/2022	0.0061	
8/25/2022	0.0058	
2/28/2023		0.0068
8/8/2023		0.0066
2/29/2024		0.0074

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - IntraWell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-6	GWC-6
5/11/2010	<0.012	
6/18/2010	0.0063	
7/27/2010	0.004 (J)	
9/9/2010	0.0053	
4/30/2011	0.0035 (J)	
10/29/2011	0.0048 (J)	
5/4/2012	0.0064	
11/10/2012	0.0084	
5/9/2013	0.0041 (J)	
11/7/2013	0.0077 (J)	
5/21/2014	0.0044 (J)	
11/9/2014	0.0071 (J)	
5/24/2015	0.01	
11/11/2015	0.0053 (J)	
4/12/2016	0.00493 (J)	
6/20/2016	0.0043 (J)	
8/12/2016	0.0037	
10/6/2016	0.004	
11/30/2016	0.0035	
2/9/2017	0.0041	
4/6/2017	0.0038	
6/21/2017	0.004	
10/6/2017	0.0038	
3/21/2018	<0.012 (X)	
10/3/2018	0.0042	
3/26/2019	0.0044	
9/11/2019	0.0078	
3/18/2020	0.0046	
9/10/2020	0.0049	
4/5/2021	0.005	
8/11/2021	0.005	
2/15/2022	0.0046	
8/25/2022	0.0046	
2/27/2023		0.0047
8/8/2023		0.0048
2/29/2024		0.0051

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - IntraWell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-7	GWC-7
5/10/2010	0.007	
6/18/2010	0.011	
7/28/2010	0.0092	
9/9/2010	0.01	
4/30/2011	0.012	
10/29/2011	0.012	
5/4/2012	0.013	
11/10/2012	0.0097	
5/9/2013	0.013	
11/7/2013	0.013	
5/21/2014	0.0091 (J)	
11/12/2014	0.0097 (J)	
5/24/2015	0.018	
11/11/2015	0.0086 (J)	
4/13/2016	0.00924 (JD)	
6/20/2016	0.0084 (J)	
8/15/2016	0.0083	
10/6/2016	0.0081	
12/1/2016	0.0083	
2/9/2017	0.0087	
4/7/2017	0.009	
6/22/2017	0.0092	
10/6/2017	0.0095	
3/22/2018	0.0086 (J+X)	
10/4/2018	0.0083	
3/27/2019	0.0088	
9/11/2019	0.013	
3/19/2020	0.011	
9/10/2020	0.0098	
4/1/2021	0.0091	
8/11/2021	0.0092	
2/15/2022	0.0088	
8/25/2022	0.0085	
2/27/2023		0.0092
8/8/2023		0.0094
2/29/2024		0.012

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - IntraWell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-8A	GWC-8A
5/10/2010	<0.002	
6/19/2010	<0.002	
7/28/2010	0.0034 (J)	
9/8/2010	0.014	
4/30/2011	0.022	
10/27/2011	0.0064	
5/4/2012	0.0059	
11/11/2012	0.011	
5/10/2013	0.038 (O)	
11/7/2013	0.012	
5/21/2014	0.0048 (J)	
11/13/2014	0.023	
5/23/2015	0.015	
11/11/2015	0.016	
4/19/2016	0.0086 (J)	
10/10/2016	0.0052	
12/1/2016	0.0062	
2/9/2017	0.0091	
4/7/2017	<0.002	
6/21/2017	<0.002	
8/15/2017	<0.002	
9/1/2017	<0.002	
10/9/2017	<0.002	
3/22/2018	0.0079 (J+X)	
10/4/2018	<0.002	
3/27/2019	<0.002	
9/11/2019	0.0052	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/5/2021	<0.002	
8/12/2021	<0.002	
2/15/2022	<0.002	
8/25/2022	<0.002	
2/27/2023		<0.002
8/8/2023		0.0013 (J)
2/29/2024		<0.002

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - IntraWell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-9	GWC-9
5/10/2010	0.0097	
6/16/2010	0.0074	
7/27/2010	0.0068	
9/8/2010	0.007	
4/29/2011	0.0062	
10/27/2011	0.0084	
5/3/2012	0.0099	
11/11/2012	0.0073	
5/9/2013	0.0085	
11/6/2013	0.013	
5/21/2014	0.0097 (J)	
11/12/2014	0.0072 (J)	
5/23/2015	0.0095 (J)	
11/12/2015	0.0046 (J)	
4/13/2016	0.00627 (JD)	
6/22/2016	0.0079 (J)	
8/15/2016	0.0075	
10/6/2016	0.0071	
12/1/2016	0.007	
2/8/2017	0.0047	
4/6/2017	0.006	
6/21/2017	0.0071	
10/5/2017	0.008	
3/21/2018	<0.0046 (X)	
10/2/2018	0.0081	
3/27/2019	0.0064	
9/11/2019	0.012	
3/18/2020	0.0066	
9/9/2020	0.0081	
4/1/2021	0.0018 (J)	
8/12/2021	0.0077	
2/15/2022	0.0079	
8/25/2022	0.0092	
2/27/2023		0.0094
8/8/2023		0.0085
3/1/2024		0.0092

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

	GWA-15	GWA-15
5/9/2010	<0.0025	
6/18/2010	<0.0025	
7/28/2010	<0.0025	
9/9/2010	<0.0025	
4/30/2011	<0.0025	
10/28/2011	<0.0025	
5/2/2012	<0.0025	
11/9/2012	<0.0025	
5/8/2013	<0.0025	
11/5/2013	<0.0025	
5/20/2014	<0.0025	
11/12/2014	<0.0025	
5/22/2015	<0.0025	
11/11/2015	<0.0025	
4/6/2016	0.00261 (O)	
6/15/2016	0.00092 (J)	
8/10/2016	0.00076 (J)	
10/4/2016	0.00081 (J)	
11/30/2016	0.00061 (J)	
2/7/2017	<0.0025	
4/4/2017	0.00084 (J)	
6/20/2017	0.0012 (J)	
10/4/2017	0.00087 (J)	
3/20/2018	0.0018 (JD)	
10/2/2018	0.0011 (J)	
3/26/2019	0.0019 (J)	
9/10/2019	0.0012 (J)	
3/18/2020	0.0017 (J)	
9/9/2020	0.0016 (J)	
4/1/2021	0.0024 (J)	
8/11/2021	0.0011 (J)	
2/15/2022	0.0029	
8/25/2022	0.0014 (J)	
2/28/2023		0.0026
8/3/2023		0.0017 (J)
3/4/2024		0.0026

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intravel
Plant Scherer Data: Scherer Cell 1-CCR

	GWA-16	GWA-16
5/9/2010	<0.0025	
6/16/2010	<0.0025	
7/27/2010	<0.0025	
9/7/2010	<0.0025	
4/29/2011	0.003 (O)	
10/28/2011	<0.0025	
5/2/2012	<0.0025	
11/9/2012	<0.0025	
5/8/2013	<0.0025	
11/6/2013	<0.0025	
5/20/2014	<0.0025	
11/8/2014	<0.0025	
5/22/2015	<0.0025	
11/9/2015	<0.0025	
4/6/2016	<0.0025	
6/15/2016	2.2E-05 (J)	
8/10/2016	<0.0025	
10/4/2016	<0.0025	
11/29/2016	<0.0025	
2/7/2017	<0.0025	
4/4/2017	<0.0025	
6/20/2017	<0.0025	
10/5/2017	<0.0025	
3/20/2018	<0.0025	
10/2/2018	<0.0025	
3/26/2019	<0.0025	
9/10/2019	0.00031 (J)	
3/18/2020	0.00034 (J)	
9/9/2020	<0.0025	
4/1/2021	0.00014 (J)	
8/11/2021	<0.0025	
2/15/2022	<0.0025	
8/25/2022	<0.0025	
2/28/2023		<0.0025
8/3/2023		<0.0025
2/28/2024		<0.0025

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - IntraWell

Plant Scherer Data: Scherer Cell 1-CCR

	GWA-17	GWA-17
5/8/2010	<0.0025	
6/16/2010	<0.0025	
7/26/2010	<0.0025	
9/7/2010	<0.0025	
4/29/2011	<0.0025	
10/28/2011	<0.0025	
5/2/2012	<0.0025	
11/9/2012	<0.0025	
5/8/2013	<0.0025	
11/6/2013	<0.0025	
5/20/2014	<0.0025	
11/8/2014	<0.0025	
5/22/2015	<0.0025	
11/9/2015	<0.0025	
4/6/2016	<0.0025	
6/15/2016	8.4E-05 (J)	
8/10/2016	<0.0025	
10/5/2016	<0.0025	
11/29/2016	<0.0025	
2/7/2017	<0.0025	
4/4/2017	<0.0025	
6/20/2017	<0.0025	
10/5/2017	<0.0025	
3/20/2018	<0.0025	
10/2/2018	<0.0025	
3/26/2019	<0.0025	
9/10/2019	0.00052 (J)	
3/18/2020	<0.0025	
9/9/2020	0.00019 (J)	
4/1/2021	<0.0025	
8/11/2021	<0.0025	
2/15/2022	<0.0025	
8/24/2022	<0.0025	
2/28/2023		<0.0025
8/3/2023		<0.0025
2/28/2024		<0.0025

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intravel
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-1	GWC-1
5/11/2010	<0.0025	
6/17/2010	<0.0025	
7/27/2010	<0.0025	
9/9/2010	<0.0025	
4/28/2011	<0.0025	
10/29/2011	<0.0025	
5/3/2012	<0.0025	
11/9/2012	<0.0025	
5/9/2013	<0.0025	
11/5/2013	<0.0025	
5/23/2014	<0.0025	
11/13/2014	<0.0025	
5/23/2015	<0.0025	
11/11/2015	<0.0025	
4/12/2016	<0.0025	
6/16/2016	<0.0025	
8/11/2016	<0.0025	
10/4/2016	<0.0025	
11/30/2016	<0.0025	
2/7/2017	<0.0025	
4/5/2017	<0.0025	
6/20/2017	<0.0025	
10/4/2017	<0.0025	
3/20/2018	<0.0025	
10/2/2018	<0.0025	
3/26/2019	<0.0025	
9/10/2019	<0.0025	
3/18/2020	0.00017 (J)	
9/9/2020	<0.0025	
4/1/2021	<0.0025	
8/18/2021	0.00025 (J)	
2/15/2022	<0.0025	
8/24/2022	<0.0025	
2/27/2023		<0.0025
8/9/2023		<0.0025
3/1/2024		<0.0025

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intravel

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-11	GWC-11
5/10/2010	<0.0025	
6/16/2010	<0.0025	
7/27/2010	<0.0025	
9/8/2010	<0.0025	
4/29/2011	<0.0025	
10/27/2011	<0.0025	
5/4/2012	<0.0025	
11/10/2012	<0.0025	
5/9/2013	<0.0025	
11/6/2013	<0.0025	
5/20/2014	<0.0025	
11/12/2014	<0.0025	
5/24/2015	<0.0025	
11/12/2015	<0.0025	
4/13/2016	<0.0025 (D)	
6/21/2016	<0.0025	
8/15/2016	<0.0025	
10/5/2016	<0.0025	
12/1/2016	<0.0025	
2/8/2017	<0.0025	
4/6/2017	<0.0025	
6/20/2017	<0.0025	
10/5/2017	<0.0025	
3/21/2018	<0.0025	
10/2/2018	<0.0025	
3/27/2019	<0.0025	
9/11/2019	<0.0025	
3/18/2020	<0.0025	
9/10/2020	0.00033 (J)	
4/1/2021	<0.0025	
8/11/2021	<0.0025	
2/16/2022	<0.0025	
8/25/2022	<0.0025	
2/27/2023		<0.0025
8/9/2023		<0.0025
2/29/2024		<0.0025

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intravel

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-12	GWC-12
5/9/2010	<0.0025	
6/18/2010	<0.0025	
7/27/2010	<0.0025	
9/8/2010	<0.0025	
4/29/2011	<0.0025	
10/28/2011	<0.0025	
5/3/2012	<0.0025	
11/10/2012	<0.0025	
5/9/2013	<0.0025	
11/6/2013	<0.0025	
5/20/2014	<0.0025	
11/12/2014	<0.0025	
5/23/2015	<0.0025	
11/12/2015	<0.0025	
4/13/2016	<0.0025 (D)	
6/21/2016	0.0004 (J)	
8/15/2016	0.00042 (J)	
10/5/2016	0.00049 (J)	
12/1/2016	<0.0025	
2/8/2017	<0.0025	
4/5/2017	<0.0025	
6/20/2017	0.0004 (J)	
10/5/2017	0.00041 (J)	
3/21/2018	<0.0025	
10/2/2018	<0.0025	
3/26/2019	<0.0025	
9/11/2019	0.00042 (J)	
3/18/2020	0.00013 (J)	
9/10/2020	0.00057 (J)	
4/1/2021	0.00028 (J)	
8/11/2021	0.00033 (J)	
2/16/2022	0.00033 (J)	
8/26/2022	0.00033 (J)	
2/27/2023		<0.0025
8/9/2023		0.00035 (J)
2/29/2024		0.00027 (J)

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intravel
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-18	GWC-18
5/10/2010	<0.0025	
6/16/2010	<0.0025	
7/26/2010	<0.0025	
9/7/2010	<0.0025	
4/29/2011	<0.0025	
10/28/2011	<0.0025	
5/2/2012	<0.0025	
11/9/2012	<0.0025	
5/8/2013	<0.0025	
11/6/2013	<0.0025	
5/23/2014	<0.0025	
11/8/2014	<0.0025	
5/22/2015	0.0032 (O)	
11/10/2015	<0.0025	
4/11/2016	<0.0025	
6/16/2016	<0.0025	
8/11/2016	<0.0025	
10/5/2016	<0.0025	
11/29/2016	<0.0025	
2/8/2017	<0.0025	
4/6/2017	<0.0025	
6/21/2017	<0.0025	
10/5/2017	<0.0025	
3/20/2018	<0.0025	
10/2/2018	<0.0025	
3/26/2019	<0.0025	
9/11/2019	0.00023 (J)	
3/18/2020	0.00018 (J)	
9/9/2020	0.00014 (J)	
4/1/2021	<0.0025	
8/11/2021	0.00021 (J)	
2/16/2022	<0.0025	
8/25/2022	<0.0025	
2/28/2023		<0.0025
8/9/2023		<0.0025
2/29/2024		<0.0025

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intravel

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-19	GWC-19
5/11/2010	<0.0025	
6/16/2010	<0.0025	
7/27/2010	<0.0025	
9/7/2010	<0.0025	
4/29/2011	<0.0025	
10/28/2011	<0.0025	
5/2/2012	<0.0025	
11/9/2012	<0.0025	
5/9/2013	<0.0025	
11/6/2013	<0.0025	
5/22/2014	<0.0025	
11/8/2014	<0.0025	
5/23/2015	<0.0025	
11/10/2015	<0.0025	
4/11/2016	<0.0025	
6/16/2016	<0.0025	
8/11/2016	<0.0025	
10/5/2016	<0.0025	
11/29/2016	<0.0025	
2/8/2017	<0.0025	
4/5/2017	<0.0025	
6/21/2017	<0.0025	
10/5/2017	<0.0025	
3/20/2018	<0.0025	
10/2/2018	<0.0025	
3/26/2019	<0.0025	
9/12/2019	0.00021 (J)	
3/19/2020	0.00014 (J)	
9/9/2020	<0.0025	
4/5/2021	<0.0025	
8/11/2021	<0.0025	
2/16/2022	<0.0025	
8/25/2022	<0.0025	
2/28/2023		<0.0025
8/8/2023		<0.0025
2/29/2024		<0.0025

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Inrawell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-2	GWC-2
5/11/2010	<0.0025	
6/19/2010	<0.0025	
7/27/2010	<0.0025	
9/9/2010	<0.0025	
4/28/2011	<0.0025	
10/28/2011	<0.0025	
5/3/2012	<0.0025	
11/9/2012	<0.0025	
5/9/2013	<0.0025	
11/5/2013	<0.0025	
5/22/2014	<0.0025	
11/13/2014	<0.0025	
5/24/2015	<0.0025	
11/11/2015	<0.0025	
4/12/2016	<0.0025	
6/16/2016	<0.0025	
8/11/2016	<0.0025	
10/4/2016	<0.0025	
11/30/2016	<0.0025	
2/7/2017	<0.0025	
4/6/2017	<0.0025	
6/20/2017	<0.0025	
10/4/2017	<0.0025	
3/20/2018	<0.0025	
10/2/2018	<0.0025	
3/26/2019	<0.0025	
9/10/2019	0.00015 (J)	
3/18/2020	<0.0025	
9/9/2020	<0.0025	
4/1/2021	<0.0025	
8/12/2021	0.0002 (J)	
2/15/2022	<0.0025	
8/26/2022	<0.0025	
2/27/2023		<0.0025
8/9/2023		<0.0025
3/1/2024		<0.0025

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Inrawell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-20	GWC-20
5/11/2010	<0.0025	
6/17/2010	<0.0025	
7/27/2010	<0.0025	
9/7/2010	<0.0025	
4/29/2011	<0.0025	
10/28/2011	<0.0025	
5/3/2012	<0.0025	
11/10/2012	<0.0025	
5/9/2013	<0.0025	
11/6/2013	<0.0025	
5/22/2014	<0.0025	
11/9/2014	<0.0025	
5/24/2015	<0.0025	
11/10/2015	<0.0025	
4/12/2016	<0.0025	
6/16/2016	0.00012 (J)	
8/11/2016	<0.0025	
10/5/2016	<0.0025	
11/30/2016	<0.0025	
2/8/2017	<0.0025	
4/6/2017	0.0005 (J)	
6/21/2017	<0.0025	
10/5/2017	<0.0025	
3/21/2018	<0.0025	
10/3/2018	<0.0025	
3/26/2019	<0.0025	
9/12/2019	0.00021 (J)	
3/19/2020	0.00026 (J)	
9/10/2020	0.00018 (J)	
4/5/2021	<0.0025	
8/11/2021	<0.0025	
2/16/2022	<0.0025	
8/25/2022	<0.0025	
2/28/2023		<0.0025
8/8/2023		<0.0025
3/1/2024		<0.0025

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Inrawell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-3	GWC-3
5/11/2010	<0.0025	
6/17/2010	<0.0025	
7/28/2010	0.0034 (O)	
9/7/2010	<0.0025	
4/29/2011	0.0037 (O)	
10/28/2011	<0.0025	
5/3/2012	<0.0025	
11/9/2012	<0.0025	
5/10/2013	<0.0025	
11/6/2013	<0.0025	
5/22/2014	<0.0025	
11/9/2014	<0.0025	
5/22/2015	<0.0025	
11/10/2015	<0.0025	
4/12/2016	<0.0025 (D)	
6/20/2016	0.0001 (J)	
8/12/2016	0.00042 (J)	
10/5/2016	<0.0025	
11/30/2016	<0.0025	
2/8/2017	<0.0025	
4/6/2017	<0.0025	
6/21/2017	0.00042 (J)	
10/5/2017	<0.0025	
3/21/2018	<0.0025	
10/3/2018	<0.0025	
3/26/2019	<0.0025	
9/10/2019	0.00028 (J)	
3/18/2020	0.00014 (J)	
9/10/2020	0.00023 (J)	
4/6/2021	0.00031 (J)	
8/12/2021	0.00067 (J)	
2/15/2022	<0.0025	
8/25/2022	0.00046 (J)	
2/28/2023		<0.0025
8/9/2023		<0.0025
3/4/2024		<0.0025

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intravel

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-4	GWC-4
5/11/2010	<0.0025	
6/17/2010	<0.0025	
7/28/2010	<0.0025	
9/8/2010	<0.0025	
4/28/2011	<0.0025	
10/29/2011	<0.0025	
5/3/2012	<0.0025	
11/10/2012	<0.0025	
5/10/2013	<0.0025	
11/6/2013	<0.0025	
5/22/2014	<0.0025	
11/9/2014	<0.0025	
5/22/2015	<0.0025	
11/11/2015	<0.0025	
4/12/2016	<0.0025	
6/20/2016	0.00016 (J)	
8/12/2016	<0.0025	
10/6/2016	0.00068 (J)	
11/30/2016	<0.0025	
2/8/2017	<0.0025	
4/6/2017	<0.0025	
6/22/2017	<0.0025	
10/6/2017	<0.0025	
3/21/2018	<0.0025	
10/3/2018	<0.0025	
3/26/2019	0.00096 (J)	
9/10/2019	<0.0025	
3/19/2020	0.00021 (J)	
9/10/2020	0.00032 (J)	
4/2/2021	0.00026 (J)	
8/12/2021	<0.0025	
2/15/2022	<0.0025	
8/25/2022	<0.0025	
2/27/2023		<0.0025
8/8/2023		<0.0025
2/29/2024		<0.0025

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intravel

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-5	GWC-5
5/11/2010	<0.0025	
6/18/2010	<0.0025	
7/27/2010	<0.0025	
9/9/2010	<0.0025	
4/29/2011	<0.0025	
10/28/2011	<0.0025	
5/4/2012	<0.0025	
11/10/2012	<0.0025	
5/9/2013	<0.0025	
11/6/2013	<0.0025	
5/22/2014	<0.0025	
11/9/2014	<0.0025	
5/24/2015	<0.0025	
11/11/2015	<0.0025	
4/19/2016	<0.0025	
6/22/2016	<0.0025	
8/16/2016	<0.0025	
10/6/2016	<0.0025	
12/1/2016	<0.0025	
2/9/2017	<0.0025	
4/6/2017	<0.0025	
6/21/2017	<0.0025	
10/5/2017	<0.0025	
3/22/2018	<0.0025	
10/3/2018	<0.0025	
3/27/2019	<0.0025	
9/11/2019	9.9E-05 (J)	
3/18/2020	<0.0025	
9/9/2020	<0.0025	
4/1/2021	<0.0025	
8/12/2021	<0.0025	
2/15/2022	<0.0025	
8/25/2022	<0.0025	
2/28/2023		<0.0025
8/8/2023		<0.0025
2/29/2024		<0.0025

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intravel

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-6	GWC-6
5/11/2010	<0.0025	
6/18/2010	<0.0025	
7/27/2010	<0.0025	
9/9/2010	<0.0025	
4/30/2011	<0.0025	
10/29/2011	<0.0025	
5/4/2012	<0.0025	
11/10/2012	<0.0025	
5/9/2013	<0.0025	
11/7/2013	<0.0025	
5/21/2014	<0.0025	
11/9/2014	<0.0025	
5/24/2015	<0.0025	
11/11/2015	<0.0025	
4/12/2016	<0.0025	
6/20/2016	3E-05 (J)	
8/12/2016	<0.0025	
10/6/2016	<0.0025	
11/30/2016	<0.0025	
2/9/2017	<0.0025	
4/6/2017	<0.0025	
6/21/2017	<0.0025	
10/6/2017	<0.0025	
3/21/2018	<0.0025	
10/3/2018	<0.0025	
3/26/2019	<0.0025	
9/11/2019	8.7E-05 (J)	
3/18/2020	<0.0025	
9/10/2020	<0.0025	
4/5/2021	0.00015 (J)	
8/11/2021	<0.0025	
2/15/2022	<0.0025	
8/25/2022	<0.0025	
2/27/2023		<0.0025
8/8/2023		<0.0025
2/29/2024		<0.0025

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intravel
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-7	GWC-7
5/10/2010	<0.0025	
6/18/2010	<0.0025	
7/28/2010	<0.0025	
9/9/2010	<0.0025	
4/30/2011	<0.0025	
10/29/2011	<0.0025	
5/4/2012	<0.0025	
11/10/2012	<0.0025	
5/9/2013	<0.0025	
11/7/2013	<0.0025	
5/21/2014	<0.0025	
11/12/2014	<0.0025	
5/24/2015	<0.0025	
11/11/2015	<0.0025	
4/13/2016	<0.0025 (D)	
6/20/2016	8.6E-05 (J)	
8/15/2016	<0.0025	
10/6/2016	<0.0025	
12/1/2016	<0.0025	
2/9/2017	<0.0025	
4/7/2017	<0.0025	
6/22/2017	<0.0025	
10/6/2017	<0.0025	
3/22/2018	<0.0025	
10/4/2018	<0.0025	
3/27/2019	<0.0025	
9/11/2019	0.00016 (J)	
3/19/2020	0.00013 (J)	
9/10/2020	0.00038 (J)	
4/1/2021	0.00015 (J)	
8/11/2021	<0.0025	
2/15/2022	<0.0025	
8/25/2022	<0.0025	
2/27/2023		<0.0025
8/8/2023		<0.0025
2/29/2024		<0.0025

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intravel

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-8A	GWC-8A
5/10/2010	<0.0025	
6/19/2010	<0.0025	
7/28/2010	<0.0025	
9/8/2010	<0.0025	
4/30/2011	0.0063 (O)	
10/27/2011	<0.0025	
5/4/2012	<0.0025	
11/11/2012	<0.0025	
5/10/2013	0.0068 (O)	
11/7/2013	<0.0025	
5/21/2014	<0.0025	
11/13/2014	0.0046	
5/23/2015	<0.0025	
11/11/2015	<0.0025	
4/19/2016	<0.0025	
10/10/2016	<0.0025	
12/1/2016	0.00068 (J)	
2/9/2017	0.0009 (J)	
4/7/2017	0.0011 (J)	
6/21/2017	0.00064 (J)	
8/15/2017	0.001 (J)	
9/1/2017	0.00089 (J)	
10/9/2017	0.00085 (J)	
3/22/2018	<0.0004 (o)	
10/4/2018	0.00048 (J)	
3/27/2019	0.0012 (J)	
9/11/2019	0.00085 (J)	
3/18/2020	0.0027	
9/9/2020	0.0043	
4/5/2021	0.0026	
8/12/2021	0.0019 (J)	
2/15/2022	0.0037	
8/25/2022	0.0021 (J)	
2/27/2023		0.004
8/8/2023		0.0044
2/29/2024		0.0031

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intravel

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-9	GWC-9
5/10/2010	<0.0025	
6/16/2010	<0.0025	
7/27/2010	<0.0025	
9/8/2010	<0.0025	
4/29/2011	<0.0025	
10/27/2011	<0.0025	
5/3/2012	<0.0025	
11/11/2012	<0.0025	
5/9/2013	<0.0025	
11/6/2013	<0.0025	
5/21/2014	<0.0025	
11/12/2014	<0.0025	
5/23/2015	<0.0025	
11/12/2015	<0.0025	
4/13/2016	<0.0025 (D)	
6/22/2016	<0.0025	
8/15/2016	<0.0025	
10/6/2016	<0.0025	
12/1/2016	<0.0025	
2/8/2017	<0.0025	
4/6/2017	<0.0025	
6/21/2017	<0.0025	
10/5/2017	<0.0025	
3/21/2018	<0.0025	
10/2/2018	<0.0025	
3/27/2019	<0.0025	
9/11/2019	0.00016 (J)	
3/18/2020	<0.0025	
9/9/2020	0.00023 (J)	
4/1/2021	0.00015 (J)	
8/12/2021	0.00013 (J)	
2/15/2022	<0.0025	
8/25/2022	0.00053 (J)	
2/27/2023		<0.0025
8/8/2023		<0.0025
3/1/2024		<0.0025

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

	GWA-16	GWA-16
5/9/2010	<0.002	
6/16/2010	<0.002	
7/27/2010	<0.002	
9/7/2010	<0.002	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/2/2012	<0.002	
11/9/2012	<0.002	
5/8/2013	<0.002	
11/6/2013	<0.002	
5/20/2014	<0.002	
11/8/2014	<0.002	
5/22/2015	<0.002	
11/9/2015	<0.002	
4/6/2016	<0.002	
10/4/2016	<0.002	
4/4/2017	<0.002	
10/5/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/10/2019	0.00095 (J)	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021	0.00074 (J)	
8/11/2021	<0.002	
2/15/2022	<0.002	
8/25/2022	<0.002	
2/28/2023		<0.002
8/3/2023		<0.002
2/28/2024		<0.002

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

	GWA-17	GWA-17
5/8/2010	<0.002	
6/16/2010	<0.002	
7/26/2010	<0.002	
9/7/2010	<0.002	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/2/2012	<0.002	
11/9/2012	<0.002	
5/8/2013	<0.002	
11/6/2013	<0.002	
5/20/2014	<0.002	
11/8/2014	<0.002	
5/22/2015	<0.002	
11/9/2015	<0.002	
4/6/2016	<0.002	
10/5/2016	<0.002	
4/4/2017	<0.002	
10/5/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/10/2019	0.0012 (J)	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021	<0.002	
8/11/2021	<0.002	
2/15/2022	<0.002	
8/24/2022	<0.002	
2/28/2023		<0.002
8/3/2023		<0.002
2/28/2024		<0.002

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-1	GWC-1
5/11/2010	<0.002	
6/17/2010	<0.002	
7/27/2010	<0.002	
9/9/2010	<0.002	
4/28/2011	<0.002	
10/29/2011	<0.002	
5/3/2012	<0.002	
11/9/2012	<0.002	
5/9/2013	<0.002	
11/5/2013	<0.002	
5/23/2014	<0.002	
11/13/2014	<0.002	
5/23/2015	<0.002	
11/11/2015	<0.002	
4/12/2016	<0.002	
10/4/2016	<0.002	
4/5/2017	<0.002	
10/4/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/10/2019	<0.002	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021	<0.002	
8/18/2021	0.0011 (J)	
2/15/2022	0.0013 (J)	
8/24/2022	<0.002	
2/27/2023		<0.002
8/9/2023		<0.002
3/1/2024		<0.002

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-11	GWC-11
5/10/2010	<0.002	
6/16/2010	<0.002	
7/27/2010	<0.002	
9/8/2010	<0.002	
4/29/2011	<0.002	
10/27/2011	<0.002	
5/4/2012	<0.002	
11/10/2012	<0.002	
5/9/2013	<0.002	
11/6/2013	<0.002	
5/20/2014	<0.002	
11/12/2014	<0.002	
5/24/2015	<0.002	
11/12/2015	<0.002	
4/13/2016	<0.002 (D)	
10/5/2016	<0.002	
4/6/2017	<0.002	
10/5/2017	0.0021 (J)	
3/21/2018	<0.002	
10/2/2018	<0.002	
3/27/2019	<0.002	
9/11/2019	<0.002	
3/18/2020	<0.002	
9/10/2020	0.0007 (J)	
4/1/2021	<0.002	
8/11/2021	<0.002	
2/16/2022	<0.002	
8/25/2022	<0.002	
2/27/2023		<0.002
8/9/2023		<0.002
2/29/2024		<0.002

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-13	GWC-13
5/9/2010	<0.002	
6/18/2010	<0.002	
7/29/2010	<0.002	
9/9/2010	<0.002	
4/26/2011	<0.002	
10/28/2011	<0.002	
5/4/2012	0.0024 (J)	
11/11/2012	<0.002	
5/8/2013	<0.002	
11/7/2013	<0.002	
5/20/2014	<0.002	
11/12/2014	<0.002	
5/24/2015	<0.002	
11/12/2015	<0.002	
4/13/2016	<0.002 (D)	
10/7/2016	<0.002	
4/6/2017	<0.002	
10/6/2017	<0.002	
3/22/2018	<0.002	
10/3/2018	<0.002	
3/26/2019	<0.002	
9/11/2019	<0.002	
3/18/2020	<0.002	
9/10/2020	<0.002	
4/6/2021	<0.002	
8/11/2021	<0.002	
2/16/2022	<0.002	
8/26/2022	<0.002	
2/27/2023		<0.002
8/9/2023		<0.002
3/1/2024		<0.002

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-14	GWC-14
5/9/2010	<0.002	
6/18/2010	<0.002	
7/28/2010	<0.002	
9/9/2010	<0.002	
4/30/2011	<0.002	
10/28/2011	<0.002	
5/3/2012	0.0021 (J)	
11/10/2012	<0.002	
5/8/2013	<0.002	
11/5/2013	<0.002	
5/20/2014	<0.002	
11/12/2014	<0.002	
5/24/2015	<0.002	
11/11/2015	<0.002	
4/13/2016	<0.002 (D)	
10/4/2016	<0.002	
4/6/2017	<0.002	
10/5/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/11/2019	<0.002	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021	<0.002	
8/11/2021	<0.002	
2/16/2022	<0.002	
8/26/2022	<0.002	
2/27/2023		<0.002
8/9/2023		<0.002
3/1/2024		<0.002

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-18	GWC-18
5/10/2010	<0.002	
6/16/2010	0.0025 (J)	
7/26/2010	0.0023 (J)	
9/7/2010	<0.002	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/2/2012	<0.002	
11/9/2012	<0.002	
5/8/2013	<0.002	
11/6/2013	<0.002	
5/23/2014	<0.002	
11/8/2014	<0.002	
5/22/2015	<0.002	
11/10/2015	<0.002	
4/11/2016	<0.002	
10/5/2016	<0.002	
4/6/2017	<0.002	
10/5/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/11/2019	0.00084 (J)	
3/18/2020	<0.002	
9/9/2020	0.00084 (J)	
4/1/2021	<0.002	
8/11/2021	<0.002	
2/16/2022	<0.002	
8/25/2022	<0.002	
2/28/2023		0.0011 (J)
8/9/2023		<0.002
2/29/2024		<0.002

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-2	GWC-2
5/11/2010	<0.002	
6/19/2010	<0.002	
7/27/2010	<0.002	
9/9/2010	<0.002	
4/28/2011	<0.002	
10/28/2011	<0.002	
5/3/2012	<0.002	
11/9/2012	<0.002	
5/9/2013	<0.002	
11/5/2013	<0.002	
5/22/2014	<0.002	
11/13/2014	<0.002	
5/24/2015	<0.002	
11/11/2015	<0.002	
4/12/2016	<0.002	
10/4/2016	<0.002	
4/6/2017	<0.002	
10/4/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/10/2019	<0.002	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021	0.00069 (J)	
8/12/2021	0.00078 (J)	
2/15/2022	0.0013 (J)	
8/26/2022	<0.002	
2/27/2023		<0.002
8/9/2023		<0.002
3/1/2024		<0.002

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-20	GWC-20
5/11/2010	<0.002	
6/17/2010	<0.002	
7/27/2010	0.0021 (J)	
9/7/2010	<0.002	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/3/2012	<0.002	
11/10/2012	<0.002	
5/9/2013	<0.002	
11/6/2013	<0.002	
5/22/2014	<0.002	
11/9/2014	<0.002	
5/24/2015	<0.002	
11/10/2015	<0.002	
4/12/2016	<0.002	
10/5/2016	<0.002	
4/6/2017	<0.002	
10/5/2017	<0.002	
3/21/2018	<0.002	
10/3/2018	<0.002	
3/26/2019	<0.002	
3/19/2020	<0.002	
9/10/2020	<0.002	
4/5/2021	<0.002	
8/11/2021	<0.002	
2/16/2022	<0.002	
8/25/2022	<0.002	
2/28/2023		<0.002
8/8/2023		<0.002
3/1/2024		<0.002

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-3	GWC-3
5/11/2010	0.003 (J)	
6/17/2010	<0.002	
7/28/2010	0.012 (O)	
9/7/2010	0.0026 (J)	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/3/2012	<0.002	
11/9/2012	<0.002	
5/10/2013	0.0042 (J)	
11/6/2013	<0.002	
5/22/2014	<0.002	
11/9/2014	<0.002	
5/22/2015	<0.002	
11/10/2015	<0.002	
4/12/2016	<0.002 (D)	
10/5/2016	<0.002	
4/6/2017	<0.002	
10/5/2017	<0.002	
3/21/2018	<0.002	
10/3/2018	<0.002	
3/26/2019	<0.002	
9/10/2019	0.0011 (J)	
3/18/2020	<0.002	
9/10/2020	0.00072 (J)	
4/6/2021	0.00088 (J)	
8/12/2021	0.0019 (J)	
2/15/2022	0.0013 (J)	
8/25/2022	0.0013 (J)	
2/28/2023		<0.002
8/9/2023		<0.002
3/4/2024		<0.002

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-4	GWC-4
5/11/2010	<0.002	
6/17/2010	0.0022 (J)	
7/28/2010	0.0033 (J)	
9/8/2010	<0.002	
4/28/2011	0.0037 (J)	
10/29/2011	<0.002	
5/3/2012	0.0031 (J)	
11/10/2012	0.0021 (J)	
5/10/2013	0.0025 (J)	
11/6/2013	0.0032 (J)	
5/22/2014	<0.002	
11/9/2014	<0.002	
5/22/2015	<0.002	
11/11/2015	0.002 (J)	
4/12/2016	<0.002	
10/6/2016	0.0022 (J)	
4/6/2017	<0.002	
10/6/2017	<0.002	
3/21/2018	<0.002	
10/3/2018	<0.002	
3/26/2019	0.0039	
9/10/2019	0.0017 (J)	
3/19/2020	<0.002	
9/10/2020	0.0011 (J)	
4/2/2021	0.0012 (J)	
8/12/2021	<0.002	
2/15/2022	0.0011 (J)	
8/25/2022	<0.002	
2/27/2023		<0.002
8/8/2023		<0.002
2/29/2024		<0.002

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-6	GWC-6
5/11/2010	<0.002	
6/18/2010	0.0026 (J)	
7/27/2010	0.0029 (J)	
9/9/2010	<0.002	
4/30/2011	<0.002	
10/29/2011	<0.002	
5/4/2012	0.0037 (J)	
11/10/2012	<0.002	
5/9/2013	<0.002	
11/7/2013	<0.002	
5/21/2014	<0.002	
11/9/2014	<0.002	
5/24/2015	<0.002	
11/11/2015	<0.002	
4/12/2016	<0.002	
10/6/2016	<0.002	
4/6/2017	<0.002	
10/6/2017	<0.002	
3/21/2018	<0.002	
10/3/2018	<0.002	
3/26/2019	<0.002	
9/11/2019	0.00066 (J)	
3/18/2020	<0.002	
9/10/2020	<0.002	
4/5/2021	<0.002	
8/11/2021	<0.002	
2/15/2022	<0.002	
8/25/2022	<0.002	
2/27/2023		<0.002
8/8/2023		<0.002
2/29/2024		<0.002

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-7	GWC-7
5/10/2010	<0.002	
6/18/2010	0.008 (O)	
7/28/2010	0.0021 (J)	
9/9/2010	<0.002	
4/30/2011	<0.002	
10/29/2011	<0.002	
5/4/2012	<0.002	
11/10/2012	<0.002	
5/9/2013	<0.002	
11/7/2013	0.0022 (J)	
5/21/2014	<0.002	
11/12/2014	<0.002	
5/24/2015	0.0022 (J)	
11/11/2015	<0.002	
4/13/2016	<0.002 (D)	
10/6/2016	<0.002	
4/7/2017	<0.002	
10/6/2017	0.0026	
3/22/2018	<0.002	
10/4/2018	<0.002	
3/27/2019	<0.002	
9/11/2019	0.00086 (J)	
3/19/2020	<0.002	
9/10/2020	0.0024	
4/1/2021	0.00094 (J)	
8/11/2021	<0.002	
2/15/2022	<0.002	
8/25/2022	<0.002	
2/27/2023		<0.002
8/8/2023		<0.002
2/29/2024		<0.002

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-8A	GWC-8A
5/10/2010	0.0036 (J)	
6/19/2010	0.004 (J)	
7/28/2010	0.013	
9/8/2010	0.068	
4/30/2011	0.098	
10/27/2011	0.02	
5/4/2012	0.024	
11/11/2012	0.032	
5/10/2013	0.18 (o)	
11/7/2013	0.021	
5/21/2014	0.0089 (J)	
11/13/2014	0.1	
5/23/2015	0.048	
11/11/2015	0.059	
4/19/2016	0.0131 (J)	
10/10/2016	0.0046	
4/7/2017	<0.002	
10/9/2017	<0.002	
3/22/2018	<0.002	
10/4/2018	<0.002	
3/27/2019	<0.002	
9/11/2019	<0.002	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/5/2021	<0.002	
8/12/2021	<0.002	
2/15/2022	<0.002	
8/25/2022	<0.002	
2/27/2023		<0.002
8/8/2023		<0.002
2/29/2024		<0.002

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-9	GWC-9
5/10/2010	<0.002	
6/16/2010	<0.002	
7/27/2010	<0.002	
9/8/2010	<0.002	
4/29/2011	<0.002	
10/27/2011	<0.002	
5/3/2012	0.0023	
11/11/2012	<0.002	
5/9/2013	<0.002	
11/6/2013	<0.002	
5/21/2014	<0.002	
11/12/2014	<0.002	
5/23/2015	<0.002	
11/12/2015	<0.002	
4/13/2016	<0.002 (D)	
10/6/2016	<0.002	
4/6/2017	<0.002	
10/5/2017	<0.002	
3/21/2018	0.0038	
10/2/2018	<0.002	
3/27/2019	<0.002	
9/11/2019	<0.002	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021	<0.002	
8/12/2021	<0.002	
2/15/2022	<0.002	
8/25/2022	0.0017 (J)	
2/27/2023		0.0013 (J)
8/8/2023		<0.002
3/1/2024		<0.002

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - IntraWell
Plant Scherer Data: Scherer Cell 1-CCR

	GWA-16	GWA-16
5/9/2010	0.0021 (J)	
6/16/2010	0.0028 (J)	
7/27/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	0.0032 (J)	
10/28/2011	0.0025 (J)	
5/2/2012	<0.001	
11/9/2012	0.0024 (J)	
5/8/2013	0.0051	
11/6/2013	0.0033 (J)	
5/20/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	0.0036 (J)	
11/9/2015	0.0039 (J)	
4/6/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
10/4/2016	<0.001	
11/29/2016	<0.001	
2/7/2017	<0.001	
4/4/2017	<0.001	
6/20/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	0.00016 (J)	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/11/2021	<0.001	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/28/2023		<0.001
8/3/2023		<0.001
2/28/2024		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - IntraWell
Plant Scherer Data: Scherer Cell 1-CCR

	GWA-17	GWA-17
5/8/2010	<0.001	
6/16/2010	0.0021 (J)	
7/26/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	0.0024 (J)	
10/28/2011	0.002 (J)	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	0.0034 (J)	
11/6/2013	0.0028 (J)	
5/20/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	0.0032 (J)	
11/9/2015	<0.001	
4/6/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
10/5/2016	<0.001	
11/29/2016	<0.001	
2/7/2017	<0.001	
4/4/2017	<0.001	
6/20/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	0.00022 (J)	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/11/2021	<0.001	
2/15/2022	<0.001	
8/24/2022	<0.001	
2/28/2023		<0.001
8/3/2023		<0.001
2/28/2024		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - IntraWell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-1	GWC-1
5/11/2010	<0.001	
6/17/2010	0.0026 (J)	
7/27/2010	<0.001	
9/9/2010	<0.001	
4/28/2011	0.0036 (J)	
10/29/2011	0.0038 (J)	
5/3/2012	<0.001	
11/9/2012	0.0024 (J)	
5/9/2013	0.0085	
11/5/2013	0.0042 (J)	
5/23/2014	<0.001	
11/13/2014	<0.001	
5/23/2015	0.0044 (J)	
11/11/2015	0.0042 (J)	
4/12/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/4/2016	<0.001	
11/30/2016	<0.001	
2/7/2017	<0.001	
4/5/2017	<0.001	
6/20/2017	<0.001	
10/4/2017	0.00067 (J)	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	<0.001	
3/18/2020	0.00023 (J)	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/18/2021	<0.001	
2/15/2022	<0.001	
8/24/2022	<0.001	
2/27/2023		<0.001
8/9/2023		<0.001
3/1/2024		0.00028 (J)

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - IntraWell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-10	GWC-10
5/10/2010	<0.001	
6/16/2010	0.002 (J)	
7/28/2010	<0.001	
9/8/2010	<0.001	
4/29/2011	0.003 (J)	
10/27/2011	0.0027 (J)	
5/4/2012	<0.001	
11/11/2012	0.0022 (J)	
5/9/2013	0.007	
11/5/2013	0.0048 (J)	
5/21/2014	<0.001	
11/12/2014	0.002 (J)	
5/23/2015	0.0035 (J)	
11/12/2015	0.0032 (J)	
4/13/2016	<0.001 (D)	
6/21/2016	<0.001	
8/15/2016	<0.001	
10/5/2016	<0.001	
12/1/2016	<0.001	
2/8/2017	<0.001	
4/6/2017	<0.001	
6/21/2017	<0.001	
10/5/2017	<0.001	
3/21/2018	<0.001	
10/2/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021	<0.001	
10/18/2021	<0.001	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/21/2023		<0.001
8/9/2023		<0.001
3/1/2024		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - IntraWell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-11	GWC-11
5/10/2010	<0.001	
6/16/2010	<0.001	
7/27/2010	<0.001	
9/8/2010	<0.001	
4/29/2011	0.0032 (J)	
10/27/2011	0.0027 (J)	
5/4/2012	<0.001	
11/10/2012	0.0025 (J)	
5/9/2013	0.0051	
11/6/2013	0.0037 (J)	
5/20/2014	<0.001	
11/12/2014	<0.001	
5/24/2015	0.0037 (J)	
11/12/2015	0.0038 (J)	
4/13/2016	<0.001 (D)	
6/21/2016	<0.001	
8/15/2016	<0.001	
10/5/2016	<0.001	
12/1/2016	<0.001	
2/8/2017	<0.001	
4/6/2017	<0.001	
6/20/2017	<0.001	
10/5/2017	<0.001	
3/21/2018	<0.001	
10/2/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	0.0017	
9/10/2020	0.00014 (J)	
4/1/2021	<0.001	
8/11/2021	<0.001	
2/16/2022	<0.001	
8/25/2022	<0.001	
2/27/2023		<0.001
8/9/2023		<0.001
2/29/2024		0.0012

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - IntraWell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-13	GWC-13
5/9/2010	<0.001	
6/18/2010	0.0021	
7/29/2010	<0.001	
9/9/2010	<0.001	
4/26/2011	<0.001	
10/28/2011	<0.001	
5/4/2012	<0.001	
11/11/2012	<0.001	
5/8/2013	0.0036	
11/7/2013	<0.001	
5/20/2014	<0.001	
11/12/2014	<0.001	
5/24/2015	<0.001	
11/12/2015	<0.001	
4/13/2016	<0.001 (D)	
6/21/2016	<0.001	
8/15/2016	<0.001	
10/7/2016	<0.001	
12/1/2016	<0.001	
2/9/2017	<0.001	
4/6/2017	<0.001	
6/22/2017	<0.001	
10/6/2017	0.00061 (J)	
3/22/2018	<0.001	
10/3/2018	<0.001	
3/26/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/10/2020	<0.001	
4/6/2021	<0.001	
8/11/2021	<0.001	
2/16/2022	<0.001	
8/26/2022	<0.001	
2/27/2023		<0.001
8/9/2023		<0.001
3/1/2024		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - IntraWell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-14	GWC-14
5/9/2010	<0.001	
6/18/2010	<0.001	
7/28/2010	<0.001	
9/9/2010	<0.001	
4/30/2011	<0.001	
10/28/2011	<0.001	
5/3/2012	<0.001	
11/10/2012	<0.001	
5/8/2013	0.0024	
11/5/2013	0.0028	
5/20/2014	<0.001	
11/12/2014	<0.001	
5/24/2015	<0.001	
11/11/2015	<0.001	
4/13/2016	<0.001 (D)	
6/21/2016	<0.001	
8/15/2016	<0.001	
10/4/2016	<0.001	
12/1/2016	<0.001	
2/7/2017	<0.001	
4/6/2017	<0.001	
6/20/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/11/2021	<0.001	
2/16/2022	<0.001	
8/26/2022	<0.001	
2/27/2023		<0.001
8/9/2023		<0.001
3/1/2024		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - IntraWell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-18	GWC-18
5/10/2010	<0.001	
6/16/2010	0.0023 (J)	
7/26/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	0.0033 (J)	
10/28/2011	0.0023 (J)	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	0.0052	
11/6/2013	0.003 (J)	
5/23/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	0.0023 (J)	
11/10/2015	0.0025 (J)	
4/11/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/5/2016	<0.001	
11/29/2016	<0.001	
2/8/2017	<0.001	
4/6/2017	<0.001	
6/21/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/11/2021	<0.001	
2/16/2022	<0.001	
8/25/2022	<0.001	
2/28/2023		<0.001
8/9/2023		<0.001
2/29/2024		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - IntraWell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-19	GWC-19
5/11/2010	<0.001	
6/16/2010	0.0022 (J)	
7/27/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	0.0029 (J)	
10/28/2011	0.0021 (J)	
5/2/2012	<0.001	
11/9/2012	0.002 (J)	
5/9/2013	0.0056	
11/6/2013	0.0035 (J)	
5/22/2014	<0.001	
11/8/2014	<0.001	
5/23/2015	0.0047 (J)	
11/10/2015	0.0044 (J)	
4/11/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/5/2016	<0.001	
11/29/2016	<0.001	
2/8/2017	<0.001	
4/5/2017	0.0009 (J)	
6/21/2017	<0.001	
10/5/2017	0.0015	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/9/2020	<0.001	
4/5/2021	0.00014 (J)	
8/11/2021	<0.001	
2/16/2022	<0.001	
8/25/2022	<0.001	
2/28/2023		<0.001
8/8/2023		<0.001
2/29/2024		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - IntraWell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-2	GWC-2
5/11/2010	<0.001	
6/19/2010	0.003 (J)	
7/27/2010	<0.001	
9/9/2010	<0.001	
4/28/2011	0.0037 (J)	
10/28/2011	0.003 (J)	
5/3/2012	<0.001	
11/9/2012	0.003 (J)	
5/9/2013	0.0063	
11/5/2013	0.0043 (J)	
5/22/2014	<0.001	
11/13/2014	0.0021 (J)	
5/24/2015	0.0043 (J)	
11/11/2015	0.0032 (J)	
4/12/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/4/2016	<0.001	
11/30/2016	<0.001	
2/7/2017	<0.001	
4/6/2017	<0.001	
6/20/2017	<0.001	
10/4/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	<0.001	
3/18/2020	0.00014 (J)	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/12/2021	<0.001	
2/15/2022	<0.001	
8/26/2022	<0.001	
2/27/2023		<0.001
8/9/2023		<0.001
3/1/2024		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - IntraWell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-20	GWC-20
5/11/2010	0.0026 (J)	
6/17/2010	0.0021 (J)	
7/27/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	0.0032 (J)	
10/28/2011	0.0025 (J)	
5/3/2012	<0.001	
11/10/2012	<0.001	
5/9/2013	0.0056	
11/6/2013	0.0032 (J)	
5/22/2014	<0.001	
11/9/2014	<0.001	
5/24/2015	0.0044 (J)	
11/10/2015	0.0038 (J)	
4/12/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/5/2016	<0.001	
11/30/2016	<0.001	
2/8/2017	<0.001	
4/6/2017	<0.001	
6/21/2017	<0.001	
10/5/2017	<0.001	
3/21/2018	<0.001	
10/3/2018	<0.001	
3/26/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/5/2021	<0.001	
8/11/2021	<0.001	
2/16/2022	<0.001	
8/25/2022	<0.001	
2/28/2023		<0.001
8/8/2023		<0.001
3/1/2024		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - IntraWell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-3	GWC-3
5/11/2010	0.011 (o)	
6/17/2010	0.0027 (J)	
7/28/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	0.0038 (J)	
10/28/2011	<0.001	
5/3/2012	<0.001	
11/9/2012	0.0029 (J)	
5/10/2013	0.0061	
11/6/2013	0.0025 (J)	
5/22/2014	<0.001	
11/9/2014	<0.001	
5/22/2015	0.0034 (J)	
11/10/2015	0.0021 (J)	
4/12/2016	<0.001 (D)	
6/20/2016	<0.001	
8/12/2016	<0.001	
10/5/2016	<0.001	
11/30/2016	<0.001	
2/8/2017	<0.001	
4/6/2017	<0.001	
6/21/2017	<0.001	
10/5/2017	<0.001	
3/21/2018	<0.001	
10/3/2018	0.00037 (J)	
3/26/2019	<0.001	
9/10/2019	<0.001	
3/18/2020	<0.001	
9/10/2020	<0.001	
4/6/2021	<0.001	
8/12/2021	0.00014 (J)	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/28/2023		<0.001
8/9/2023		<0.001
3/4/2024		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - IntraWell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-4	GWC-4
5/11/2010	<0.001	
6/17/2010	<0.001	
7/28/2010	<0.001	
9/8/2010	0.002 (J)	
4/28/2011	0.0042 (J)	
10/29/2011	0.0036 (J)	
5/3/2012	<0.001	
11/10/2012	0.0023 (J)	
5/10/2013	0.0062	
11/6/2013	0.0043 (J)	
5/22/2014	<0.001	
11/9/2014	<0.001	
5/22/2015	0.0046 (J)	
11/11/2015	0.0028 (J)	
4/12/2016	<0.001	
6/20/2016	<0.001	
8/12/2016	<0.001	
10/6/2016	<0.001	
11/30/2016	<0.001	
2/8/2017	<0.001	
4/6/2017	<0.001	
6/22/2017	<0.001	
10/6/2017	<0.001	
3/21/2018	<0.001	
10/3/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	<0.001	
3/19/2020	0.00019 (J)	
9/10/2020	<0.001	
4/2/2021	<0.001	
8/12/2021	<0.001	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/27/2023		<0.001
8/8/2023		<0.001
2/29/2024		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - IntraWell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-5	GWC-5
5/11/2010	<0.001	
6/18/2010	0.0024	
7/27/2010	<0.001	
9/9/2010	<0.001	
4/29/2011	0.0028	
10/28/2011	<0.001	
5/4/2012	<0.001	
11/10/2012	<0.001	
5/9/2013	0.0061	
11/6/2013	0.0034	
5/22/2014	<0.001	
11/9/2014	<0.001	
5/24/2015	0.0093 (O)	
11/11/2015	0.0071	
4/19/2016	<0.001	
6/22/2016	<0.001	
8/16/2016	<0.001	
10/6/2016	<0.001	
12/1/2016	<0.001	
2/9/2017	<0.001	
4/6/2017	<0.001	
6/21/2017	<0.001	
10/5/2017	<0.001	
3/22/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/12/2021	<0.001	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/28/2023		<0.001
8/8/2023		<0.001
2/29/2024		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - IntraWell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-6	GWC-6
5/11/2010	<0.001	
6/18/2010	<0.001	
7/27/2010	<0.001	
9/9/2010	<0.001	
4/30/2011	0.0034 (J)	
10/29/2011	0.0041 (J)	
5/4/2012	<0.001	
11/10/2012	0.0023 (J)	
5/9/2013	0.0067	
11/7/2013	0.0048 (J)	
5/21/2014	<0.001	
11/9/2014	<0.001	
5/24/2015	0.0045 (J)	
11/11/2015	0.0048 (J)	
4/12/2016	<0.001	
6/20/2016	<0.001	
8/12/2016	<0.001	
10/6/2016	<0.001	
11/30/2016	<0.001	
2/9/2017	<0.001	
4/6/2017	<0.001	
6/21/2017	<0.001	
10/6/2017	<0.001	
3/21/2018	<0.001	
10/3/2018	<0.001	
3/26/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/10/2020	<0.001	
4/5/2021	<0.001	
8/11/2021	<0.001	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/27/2023		<0.001
8/8/2023		<0.001
2/29/2024		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - IntraWell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-7	GWC-7
5/10/2010	<0.001	
6/18/2010	0.0027 (J)	
7/28/2010	<0.001	
9/9/2010	0.002 (J)	
4/30/2011	0.0037 (J)	
10/29/2011	0.0025 (J)	
5/4/2012	<0.001	
11/10/2012	0.003 (J)	
5/9/2013	0.0064	
11/7/2013	0.0037 (J)	
5/21/2014	<0.001	
11/12/2014	<0.001	
5/24/2015	0.0053 (J)	
11/11/2015	0.0022 (J)	
4/13/2016	<0.001 (D)	
6/20/2016	<0.001	
8/15/2016	<0.001	
10/6/2016	<0.001	
12/1/2016	<0.001	
2/9/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/6/2017	<0.001	
3/22/2018	<0.001	
10/4/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	0.00017 (J)	
4/1/2021	<0.001	
8/11/2021	0.00014 (J)	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/27/2023		<0.001
8/8/2023		<0.001
2/29/2024		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - IntraWell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-8A	GWC-8A
5/10/2010	<0.001	
6/19/2010	<0.001	
7/28/2010	<0.001	
9/8/2010	0.0023 (J)	
4/30/2011	0.011 (O)	
10/27/2011	0.0055	
5/4/2012	0.0029 (J)	
11/11/2012	0.0052	
5/10/2013	0.023 (O)	
11/7/2013	0.0083	
5/21/2014	<0.001	
11/13/2014	0.0085	
5/23/2015	0.0077	
11/11/2015	0.008	
4/19/2016	<0.001	
10/10/2016	<0.001	
12/1/2016	0.00047 (J)	
2/9/2017	0.0012 (J)	
4/7/2017	<0.001	
6/21/2017	<0.001	
8/15/2017	<0.001	
9/1/2017	<0.001	
10/9/2017	<0.001	
3/22/2018	<0.001	
10/4/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/5/2021	0.00034 (J)	
8/12/2021	<0.001	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/27/2023		<0.001
8/8/2023		<0.001
2/29/2024		0.00021 (J)

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - IntraWell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-9	GWC-9
5/10/2010	<0.001	
6/16/2010	0.003 (J)	
7/27/2010	<0.001	
9/8/2010	<0.001	
4/29/2011	0.0039 (J)	
10/27/2011	0.0043 (J)	
5/3/2012	<0.001	
11/11/2012	0.0025 (J)	
5/9/2013	0.0067	
11/6/2013	0.0069	
5/21/2014	<0.001	
11/12/2014	0.002 (J)	
5/23/2015	0.003 (J)	
11/12/2015	0.0044 (J)	
4/13/2016	<0.001 (D)	
6/22/2016	<0.001	
8/15/2016	<0.001	
10/6/2016	<0.001	
12/1/2016	<0.001	
2/8/2017	<0.001	
4/6/2017	<0.001	
6/21/2017	<0.001	
10/5/2017	<0.001	
3/21/2018	<0.001	
10/2/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/12/2021	<0.001	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/27/2023		<0.001
8/8/2023		<0.001
3/1/2024		<0.001

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intravel
Plant Scherer Data: Scherer Cell 1-CCR

	GWA-15	GWA-15
5/9/2010	<0.0002	
6/18/2010	<0.0002	
7/28/2010	<0.0002	
9/9/2010	<0.0002	
4/30/2011	<0.0002	
10/28/2011	<0.0002	
5/2/2012	<0.0002	
11/9/2012	<0.0002	
5/8/2013	7E-05 (J)	
11/5/2013	<0.0002	
5/20/2014	<0.0002	
11/12/2014	<0.0002	
5/22/2015	7.2E-05 (J)	
11/11/2015	<0.0002	
4/6/2016	<0.0002	
6/15/2016	<0.0002	
8/10/2016	<0.0002	
10/4/2016	<0.0002	
11/30/2016	<0.0002	
2/7/2017	<0.0002	
4/4/2017	<0.0002	
6/20/2017	<0.0002	
10/4/2017	<0.0002	
3/20/2018	<0.0002 (XD)	
10/2/2018	<0.0002 (X)	
3/26/2019	<0.0002	
9/10/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
4/1/2021	<0.0002	
8/11/2021	<0.0002	
2/15/2022	<0.0002	
8/25/2022	<0.0002	
2/28/2023		<0.0002
8/3/2023		<0.0002
3/4/2024		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intravel
Plant Scherer Data: Scherer Cell 1-CCR

	GWA-16	GWA-16
5/9/2010	<0.0002	
6/16/2010	<0.0002	
7/27/2010	<0.0002	
9/7/2010	7.4E-05 (J)	
4/29/2011	<0.0002	
10/28/2011	<0.0002	
5/2/2012	<0.0002	
11/9/2012	<0.0002	
5/8/2013	8E-05 (J)	
11/6/2013	0.00014	
5/20/2014	<0.0002	
11/8/2014	<0.0002	
5/22/2015	<0.0002	
11/9/2015	<0.0002	
4/6/2016	<0.0002	
6/15/2016	<0.0002	
8/10/2016	<0.0002	
10/4/2016	<0.0002	
11/29/2016	<0.0002	
2/7/2017	<0.0002	
4/4/2017	<0.0002	
6/20/2017	<0.0002	
10/5/2017	<0.0002	
3/20/2018	<0.0002	
10/2/2018	<0.0002 (X)	
3/26/2019	<0.0002	
9/10/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
4/1/2021	<0.0002	
8/11/2021	<0.0002	
2/15/2022	<0.0002	
8/25/2022	<0.0002	
2/28/2023		<0.0002
8/3/2023		<0.0002
2/28/2024		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intravel
Plant Scherer Data: Scherer Cell 1-CCR

	GWA-17	GWA-17
5/8/2010	<0.0002	
6/16/2010	<0.0002	
7/26/2010	<0.0002	
9/7/2010	7.8E-05 (J)	
4/29/2011	<0.0002	
10/28/2011	<0.0002	
5/2/2012	<0.0002	
11/9/2012	<0.0002	
5/8/2013	<0.0002	
11/6/2013	0.00011	
5/20/2014	<0.0002	
11/8/2014	<0.0002	
5/22/2015	7.1E-05 (J)	
11/9/2015	<0.0002	
4/6/2016	<0.0002	
6/15/2016	<0.0002	
8/10/2016	<0.0002	
10/5/2016	<0.0002	
11/29/2016	<0.0002	
2/7/2017	<0.0002	
4/4/2017	<0.0002	
6/20/2017	<0.0002	
10/5/2017	<0.0002	
3/20/2018	<0.0002 (X)	
10/2/2018	<0.0002 (X)	
3/26/2019	<0.0002	
9/10/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
4/1/2021	<0.0002	
8/11/2021	<0.0002	
2/15/2022	<0.0002	
8/24/2022	<0.0002	
2/28/2023		<0.0002
8/3/2023		<0.0002
2/28/2024		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intravel
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-1	GWC-1
5/11/2010	<0.0002	
6/17/2010	<0.0002	
7/27/2010	<0.0002	
9/9/2010	<0.0002	
4/28/2011	<0.0002	
10/29/2011	<0.0002	
5/3/2012	<0.0002	
11/9/2012	<0.0002	
5/9/2013	<0.0002	
11/5/2013	7.3E-05 (J)	
5/23/2014	<0.0002	
11/13/2014	<0.0002	
5/23/2015	<0.0002	
11/11/2015	<0.0002	
4/12/2016	<0.0002	
6/16/2016	<0.0002	
8/11/2016	<0.0002	
10/4/2016	<0.0002	
11/30/2016	<0.0002	
2/7/2017	7E-05 (J)	
4/5/2017	<0.0002	
6/20/2017	<0.0002	
10/4/2017	<0.0002	
3/20/2018	<0.0002 (X)	
10/2/2018	<0.0002 (X)	
3/26/2019	<0.0002	
9/10/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
4/1/2021	<0.0002	
8/18/2021	<0.0002	
2/15/2022	<0.0002	
8/24/2022	<0.0002	
2/27/2023		<0.0002
8/9/2023		<0.0002
3/1/2024		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - IntraWell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-10	GWC-10
5/10/2010	<0.0002	
6/16/2010	<0.0002	
7/28/2010	<0.0002	
9/8/2010	8.8E-05 (J)	
4/29/2011	<0.0002	
10/27/2011	<0.0002	
5/4/2012	<0.0002	
11/11/2012	<0.0002	
5/9/2013	<0.0002	
11/5/2013	0.00011 (J)	
5/21/2014	<0.0002	
11/12/2014	<0.0002	
5/23/2015	<0.0002	
11/12/2015	<0.0002	
4/13/2016	<0.0002 (D)	
6/21/2016	<0.0002	
8/15/2016	<0.0002	
10/5/2016	<0.0002	
12/1/2016	<0.0002	
2/8/2017	7.6E-05 (J)	
4/6/2017	<0.0002	
6/21/2017	<0.0002	
10/5/2017	<0.0002	
3/21/2018	<0.0002	
10/2/2018	<0.0002 (X)	
3/27/2019	<0.0002	
9/11/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
4/1/2021	<0.0002	
8/17/2021	<0.0002	
2/15/2022	<0.0002	
8/25/2022	<0.0002	
2/21/2023		<0.0002
8/9/2023		<0.0002
3/1/2024		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intravel
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-11	GWC-11
5/10/2010	<0.0002	
6/16/2010	<0.0002	
7/27/2010	<0.0002	
9/8/2010	<0.0002	
4/29/2011	<0.0002	
10/27/2011	<0.0002	
5/4/2012	<0.0002	
11/10/2012	<0.0002	
5/9/2013	0.00019	
11/6/2013	0.00014	
5/20/2014	<0.0002	
11/12/2014	<0.0002	
5/24/2015	<0.0002	
11/12/2015	<0.0002	
4/13/2016	<0.0002 (D)	
6/21/2016	<0.0002	
8/15/2016	<0.0002	
10/5/2016	<0.0002	
12/1/2016	<0.0002	
2/8/2017	<0.0002	
4/6/2017	<0.0002	
6/20/2017	<0.0002	
10/5/2017	<0.0002	
3/21/2018	<0.0002	
10/2/2018	<0.0002 (X)	
3/27/2019	<0.0002	
9/11/2019	<0.0002	
3/18/2020	<0.0002	
9/10/2020	<0.0002	
4/1/2021	<0.0002	
8/11/2021	<0.0002	
2/16/2022	<0.0002	
8/25/2022	<0.0002	
2/27/2023		<0.0002
8/9/2023		<0.0002
2/29/2024		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intravel
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-13	GWC-13
5/9/2010	8.2E-05 (J)	
6/18/2010	<0.0002	
7/29/2010	<0.0002	
9/9/2010	<0.0002	
4/26/2011	<0.0002	
10/28/2011	<0.0002	
5/4/2012	<0.0002	
11/11/2012	<0.0002	
5/8/2013	<0.0002	
11/7/2013	0.0001	
5/20/2014	<0.0002	
11/12/2014	<0.0002	
5/24/2015	<0.0002	
11/12/2015	<0.0002	
4/13/2016	<0.0002 (D)	
6/21/2016	<0.0002	
8/15/2016	<0.0002	
10/7/2016	<0.0002	
12/1/2016	<0.0002	
2/9/2017	<0.0002	
4/6/2017	<0.0002	
6/22/2017	<0.0002	
10/6/2017	<0.0002	
3/22/2018	<0.0002 (X)	
10/3/2018	<0.0002 (X)	
3/26/2019	<0.0002	
9/11/2019	<0.0002	
3/18/2020	<0.0002	
9/10/2020	<0.0002	
4/6/2021	<0.0002	
8/11/2021	<0.0002	
2/16/2022	<0.0002	
8/26/2022	<0.0002	
2/27/2023		<0.0002
8/9/2023		<0.0002
3/1/2024		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intravel
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-14	GWC-14
5/9/2010	9.1E-05 (J)	
6/18/2010	<0.0002	
7/28/2010	<0.0002	
9/9/2010	<0.0002	
4/30/2011	<0.0002	
10/28/2011	<0.0002	
5/3/2012	<0.0002	
11/10/2012	<0.0002	
5/8/2013	<0.0002	
11/5/2013	0.00016	
5/20/2014	<0.0002	
11/12/2014	<0.0002	
5/24/2015	<0.0002	
11/11/2015	<0.0002	
4/13/2016	<0.0002 (D)	
6/21/2016	<0.0002	
8/15/2016	<0.0002	
10/4/2016	<0.0002	
12/1/2016	<0.0002	
2/7/2017	<0.0002	
4/6/2017	<0.0002	
6/20/2017	<0.0002	
10/5/2017	<0.0002	
3/20/2018	<0.0002	
10/2/2018	<0.0002 (X)	
3/26/2019	<0.0002	
9/11/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
4/1/2021	<0.0002	
8/11/2021	<0.0002	
2/16/2022	<0.0002	
8/26/2022	<0.0002	
2/27/2023		<0.0002
8/9/2023		<0.0002
3/1/2024		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intravel
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-18	GWC-18
5/10/2010	<0.0002	
6/16/2010	<0.0002	
7/26/2010	<0.0002	
9/7/2010	<0.0002	
4/29/2011	<0.0002	
10/28/2011	<0.0002	
5/2/2012	<0.0002	
11/9/2012	<0.0002	
5/8/2013	<0.0002	
11/6/2013	<0.0002	
5/23/2014	<0.0002	
11/8/2014	<0.0002	
5/22/2015	<0.0002	
11/10/2015	<0.0002	
4/11/2016	<0.0002	
6/16/2016	<0.0002	
8/11/2016	<0.0002	
10/5/2016	<0.0002	
11/29/2016	<0.0002	
2/8/2017	8.9E-05	
4/6/2017	<0.0002	
6/21/2017	<0.0002	
10/5/2017	<0.0002	
3/20/2018	<0.0002	
10/2/2018	<0.0002 (X)	
3/26/2019	<0.0002	
9/11/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
4/1/2021	<0.0002	
8/11/2021	<0.0002	
2/16/2022	<0.0002	
8/25/2022	<0.0002	
2/28/2023		<0.0002
8/9/2023		<0.0002
2/29/2024		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intravel
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-19	GWC-19
5/11/2010	<0.0002	
6/16/2010	<0.0002	
7/27/2010	<0.0002	
9/7/2010	0.00011	
4/29/2011	<0.0002	
10/28/2011	<0.0002	
5/2/2012	<0.0002	
11/9/2012	<0.0002	
5/9/2013	<0.0002	
11/6/2013	<0.0002	
5/22/2014	<0.0002	
11/8/2014	<0.0002	
5/23/2015	<0.0002	
11/10/2015	<0.0002	
4/11/2016	<0.0002	
6/16/2016	<0.0002	
8/11/2016	<0.0002	
10/5/2016	<0.0002	
11/29/2016	<0.0002	
2/8/2017	7.6E-05 (J)	
4/5/2017	<0.0002	
6/21/2017	<0.0002	
10/5/2017	<0.0002	
3/20/2018	<0.0002 (X)	
10/2/2018	<0.0002 (X)	
3/26/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/9/2020	<0.0002	
6/1/2021	<0.0002	
8/11/2021	<0.0002	
2/16/2022	<0.0002	
8/25/2022	<0.0002	
2/28/2023		<0.0002
8/8/2023		<0.0002
2/29/2024		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intravel
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-2	GWC-2
5/11/2010	<0.0002	
6/19/2010	<0.0002	
7/27/2010	<0.0002	
9/9/2010	9.3E-05	
4/28/2011	<0.0002	
10/28/2011	<0.0002	
5/3/2012	<0.0002	
11/9/2012	<0.0002	
5/9/2013	<0.0002	
11/5/2013	0.00011	
5/22/2014	<0.0002	
11/13/2014	<0.0002	
5/24/2015	<0.0002	
11/11/2015	<0.0002	
4/12/2016	<0.0002	
6/16/2016	<0.0002	
8/11/2016	<0.0002	
10/4/2016	<0.0002	
11/30/2016	<0.0002	
2/7/2017	<0.0002	
4/6/2017	<0.0002	
6/20/2017	<0.0002	
10/4/2017	<0.0002	
3/20/2018	<0.0002 (X)	
10/2/2018	<0.0002	
3/26/2019	<0.0002	
9/10/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
4/1/2021	<0.0002	
8/12/2021	<0.0002	
2/15/2022	<0.0002	
8/26/2022	<0.0002	
2/27/2023		<0.0002
8/9/2023		<0.0002
3/1/2024		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - IntraWell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-20	GWC-20
5/11/2010	8.5E-05	
6/17/2010	<0.0002	
7/27/2010	<0.0002	
9/7/2010	0.0001	
4/29/2011	<0.0002	
10/28/2011	<0.0002	
5/3/2012	<0.0002	
11/10/2012	<0.0002	
5/9/2013	<0.0002	
11/6/2013	<0.0002	
5/22/2014	<0.0002	
11/9/2014	<0.0002	
5/24/2015	<0.0002	
11/10/2015	<0.0002	
4/12/2016	<0.0002	
6/16/2016	<0.0002	
8/11/2016	<0.0002	
10/5/2016	<0.0002	
11/30/2016	<0.0002	
2/8/2017	7.5E-05 (J)	
4/6/2017	<0.0002	
6/21/2017	<0.0002	
10/5/2017	<0.0002	
3/21/2018	<0.0002	
10/3/2018	<0.0002 (X)	
3/26/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/10/2020	<0.0002	
6/1/2021	<0.0002	
8/11/2021	<0.0002	
2/16/2022	0.00015 (J)	
8/25/2022	<0.0002	
2/28/2023		<0.0002
8/8/2023		<0.0002
3/1/2024		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - IntraWell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-3	GWC-3
5/11/2010	<0.0002	
6/17/2010	<0.0002	
7/28/2010	<0.0002	
9/7/2010	0.00012	
4/29/2011	<0.0002	
10/28/2011	<0.0002	
5/3/2012	<0.0002	
11/9/2012	<0.0002	
5/10/2013	0.00014	
11/6/2013	0.00014	
5/22/2014	<0.0002	
11/9/2014	<0.0002	
5/22/2015	<0.0002	
11/10/2015	<0.0002	
4/12/2016	<0.0002 (D)	
6/20/2016	<0.0002	
8/12/2016	<0.0002	
10/5/2016	<0.0002	
11/30/2016	<0.0002	
2/8/2017	<0.0002	
4/6/2017	<0.0002	
6/21/2017	<0.0002	
10/5/2017	<0.0002	
3/21/2018	<0.0002	
10/3/2018	<0.0002 (X)	
3/26/2019	<0.0002	
9/10/2019	<0.0002	
3/18/2020	<0.0002	
9/10/2020	<0.0002	
4/6/2021	<0.0002	
8/12/2021	<0.0002	
2/15/2022	<0.0002	
8/25/2022	<0.0002	
2/28/2023		<0.0002
8/9/2023		<0.0002
3/4/2024		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intravel
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-4	GWC-4
5/11/2010	<0.0002	
6/17/2010	<0.0002	
7/28/2010	<0.0002	
9/8/2010	<0.0002	
4/28/2011	<0.0002	
10/29/2011	<0.0002	
5/3/2012	<0.0002	
11/10/2012	<0.0002	
5/10/2013	0.00012	
11/6/2013	<0.0002	
5/22/2014	<0.0002	
11/9/2014	<0.0002	
5/22/2015	<0.0002	
11/11/2015	<0.0002	
4/12/2016	<0.0002	
6/20/2016	<0.0002	
8/12/2016	<0.0002	
10/6/2016	<0.0002	
11/30/2016	<0.0002	
2/8/2017	<0.0002	
4/6/2017	<0.0002	
6/22/2017	<0.0002	
10/6/2017	<0.0002	
3/21/2018	<0.0002 (X)	
10/3/2018	<0.0002 (X)	
3/26/2019	<0.0002	
9/10/2019	<0.0002	
3/19/2020	<0.0002	
9/10/2020	<0.0002	
4/2/2021	<0.0002	
8/12/2021	<0.0002	
2/15/2022	<0.0002	
8/25/2022	<0.0002	
2/27/2023		<0.0002
8/8/2023		<0.0002
2/29/2024		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intravel
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-5	GWC-5
5/11/2010	<0.0002	
6/18/2010	<0.0002	
7/27/2010	<0.0002	
9/9/2010	<0.0002	
4/29/2011	<0.0002	
10/28/2011	<0.0002	
5/4/2012	<0.0002	
11/10/2012	<0.0002	
5/9/2013	0.00016	
11/6/2013	<0.0002	
5/22/2014	<0.0002	
11/9/2014	<0.0002	
5/24/2015	<0.0002	
11/11/2015	<0.0002	
4/19/2016	<0.0002	
6/22/2016	<0.0002	
8/16/2016	<0.0002	
10/6/2016	<0.0002	
12/1/2016	<0.0002	
2/9/2017	<0.0002	
4/6/2017	<0.0002	
6/21/2017	<0.0002	
10/5/2017	<0.0002	
3/22/2018	<0.0002 (X)	
10/3/2018	<0.0002 (X)	
3/27/2019	<0.0002	
9/11/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
4/1/2021	<0.0002	
8/12/2021	<0.0002	
2/15/2022	<0.0002	
8/25/2022	<0.0002	
2/28/2023		<0.0002
8/8/2023		<0.0002
2/29/2024		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intravel
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-6	GWC-6
5/11/2010	<0.0002	
6/18/2010	<0.0002	
7/27/2010	<0.0002	
9/9/2010	0.00017	
4/30/2011	<0.0002	
10/29/2011	<0.0002	
5/4/2012	<0.0002	
11/10/2012	<0.0002	
5/9/2013	0.00014	
11/7/2013	0.00011	
5/21/2014	<0.0002	
11/9/2014	<0.0002	
5/24/2015	<0.0002	
11/11/2015	<0.0002	
4/12/2016	<0.0002	
6/20/2016	<0.0002	
8/12/2016	<0.0002	
10/6/2016	<0.0002	
11/30/2016	<0.0002	
2/9/2017	<0.0002	
4/6/2017	<0.0002	
6/21/2017	<0.0002	
10/6/2017	<0.0002	
3/21/2018	<0.0002 (X)	
10/3/2018	<0.0002 (X)	
3/26/2019	<0.0002	
9/11/2019	<0.0002	
3/18/2020	<0.0002	
9/10/2020	<0.0002	
6/2/2021	<0.0002	
8/11/2021	<0.0002	
2/15/2022	<0.0002	
8/25/2022	<0.0002	
2/27/2023		<0.0002
8/8/2023		<0.0002
2/29/2024		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - IntraWell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-7	GWC-7
5/10/2010	<0.0002	
6/18/2010	<0.0002	
7/28/2010	<0.0002	
9/9/2010	<0.0002	
4/30/2011	<0.0002	
10/29/2011	7E-05 (J)	
5/4/2012	<0.0002	
11/10/2012	<0.0002	
5/9/2013	<0.0002	
11/7/2013	0.00016	
5/21/2014	<0.0002	
11/12/2014	<0.0002	
5/24/2015	<0.0002	
11/11/2015	<0.0002	
4/13/2016	<0.0002 (D)	
6/20/2016	<0.0002	
8/15/2016	<0.0002	
10/6/2016	<0.0002	
12/1/2016	<0.0002	
2/9/2017	<0.0002	
4/7/2017	<0.0002	
6/22/2017	<0.0002	
10/6/2017	<0.0002	
3/22/2018	<0.0002 (X)	
10/4/2018	<0.0002 (X)	
3/27/2019	<0.0002	
9/11/2019	<0.0002	
3/19/2020	0.00011 (J)	
9/10/2020	<0.0002	
4/1/2021	<0.0002	
8/11/2021	<0.0002	
2/15/2022	<0.0002	
8/25/2022	<0.0002	
2/27/2023		<0.0002
8/8/2023		<0.0002
2/29/2024		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intravel
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-8A	GWC-8A
5/10/2010	<0.0002	
6/19/2010	<0.0002	
7/28/2010	<0.0002	
9/8/2010	0.00011 (J)	
4/30/2011	<0.0002	
10/27/2011	<0.0002	
5/4/2012	<0.0002	
11/11/2012	<0.0002	
5/10/2013	0.00014	
11/7/2013	0.00019	
5/21/2014	<0.0002	
11/13/2014	<0.0002	
5/23/2015	<0.0002	
11/11/2015	<0.0002	
4/19/2016	<0.0002	
10/10/2016	0.000155 (D)	
12/1/2016	<0.0002	
2/9/2017	<0.0002	
4/7/2017	<0.0002	
6/21/2017	<0.0002	
8/15/2017	<0.0002	
9/1/2017	<0.0002	
10/9/2017	8.9E-05 (J)	
3/22/2018	<0.0002 (X)	
10/4/2018	<0.0002	
3/27/2019	<0.0002	
9/11/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
6/1/2021	<0.0002	
8/12/2021	<0.0002	
2/15/2022	<0.0002	
8/25/2022	<0.0002	
2/27/2023		<0.0002
8/8/2023		<0.0002
2/29/2024		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intravel
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-9	GWC-9
5/10/2010	<0.0002	
6/16/2010	<0.0002	
7/27/2010	<0.0002	
9/8/2010	<0.0002	
4/29/2011	<0.0002	
10/27/2011	<0.0002	
5/3/2012	<0.0002	
11/11/2012	<0.0002	
5/9/2013	<0.0002	
11/6/2013	8.8E-05	
5/21/2014	<0.0002	
11/12/2014	<0.0002	
5/23/2015	<0.0002	
11/12/2015	<0.0002	
4/13/2016	<0.0002 (D)	
6/22/2016	<0.0002	
8/15/2016	<0.0002	
10/6/2016	<0.0002	
12/1/2016	<0.0002	
2/8/2017	<0.0002	
4/6/2017	<0.0002	
6/21/2017	<0.0002	
10/5/2017	<0.0002	
3/21/2018	<0.0002	
10/2/2018	<0.0002 (X)	
3/27/2019	<0.0002	
9/11/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
4/1/2021	<0.0002	
8/12/2021	<0.0002	
2/15/2022	<0.0002	
8/25/2022	<0.0002	
2/27/2023		<0.0002
8/8/2023		<0.0002
3/1/2024		<0.0002

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intrawell

Plant Scherer Data: Scherer Cell 1-CCR

	GWA-15	GWA-15
5/9/2010	<0.001	
6/18/2010	<0.001	
7/28/2010	<0.001	
9/9/2010	<0.001	
4/30/2011	<0.001	
10/28/2011	<0.001	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	<0.001	
11/5/2013	<0.001	
5/20/2014	<0.001	
11/12/2014	<0.001	
5/22/2015	<0.001	
11/11/2015	<0.001	
4/6/2016	0.00202 (J)	
10/4/2016	<0.001	
4/4/2017	<0.001	
10/4/2017	<0.001	
3/20/2018	<0.001 (D)	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	0.00081 (J)	
3/18/2020	0.00043 (J)	
9/9/2020	0.00069 (J)	
4/1/2021	0.00049 (J)	
8/11/2021	0.00051 (J)	
2/15/2022	0.00065 (J)	
8/25/2022	0.001	
2/28/2023		0.00057 (J)
8/3/2023		0.00099 (J)
3/4/2024		<0.001

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - IntraWell

Plant Scherer Data: Scherer Cell 1-CCR

	GWA-16	GWA-16
5/9/2010	<0.001	
6/16/2010	<0.001	
7/27/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	<0.001	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	<0.001	
11/6/2013	<0.001	
5/20/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	<0.001	
11/9/2015	<0.001	
4/6/2016	<0.001	
10/4/2016	<0.001	
4/4/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	0.04 (O)	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	0.00037 (J)	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/11/2021	<0.001	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/28/2023		<0.001
8/3/2023		<0.001
2/28/2024		<0.001

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

	GWA-17	GWA-17
5/8/2010	<0.001	
6/16/2010	<0.001	
7/26/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	<0.001	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	<0.001	
11/6/2013	<0.001	
5/20/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	<0.001	
11/9/2015	<0.001	
4/6/2016	<0.001	
10/5/2016	<0.001	
4/4/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	0.0012	
3/18/2020	<0.001	
9/9/2020	0.00048 (J)	
4/1/2021	0.0004 (J)	
8/11/2021	<0.001	
2/15/2022	<0.001	
8/24/2022	0.00082 (J)	
2/28/2023		<0.001
8/3/2023		<0.001
2/28/2024		<0.001

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - IntraWell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-1	GWC-1
5/11/2010	<0.0018	
6/17/2010	<0.0018	
7/27/2010	<0.0018	
9/9/2010	<0.0018	
4/28/2011	0.0086 (O)	
10/29/2011	<0.0018	
5/3/2012	<0.0018	
11/9/2012	<0.0018	
5/9/2013	<0.0018	
11/5/2013	<0.0018	
5/23/2014	<0.0018	
11/13/2014	<0.0018	
5/23/2015	<0.0018	
11/11/2015	<0.0018	
4/12/2016	<0.0018	
10/4/2016	<0.0018	
4/5/2017	<0.0018	
10/4/2017	<0.0018	
3/20/2018	<0.0018	
10/2/2018	<0.0018	
3/26/2019	<0.0018	
9/10/2019	0.00065 (J)	
3/18/2020	0.00056 (J)	
9/9/2020	0.00047 (J)	
4/1/2021	0.00073 (J)	
8/18/2021	0.0017	
2/15/2022	0.00052 (J)	
8/24/2022	0.00086 (J)	
2/27/2023		0.0013
8/9/2023		0.0071
10/4/2023		0.00085 (JR)
3/1/2024		0.00096 (J)

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - IntraWell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-10	GWC-10
5/10/2010	<0.0018	
6/16/2010	<0.0018	
7/28/2010	<0.0018	
9/8/2010	<0.0018	
4/29/2011	<0.0018	
10/27/2011	<0.0018	
5/4/2012	<0.0018	
11/11/2012	<0.0018	
5/9/2013	<0.0018	
11/5/2013	<0.0018	
5/21/2014	<0.0018	
11/12/2014	<0.0018	
5/23/2015	<0.0018	
11/12/2015	<0.0018	
4/13/2016	0.00271	
10/5/2016	<0.0018	
4/6/2017	<0.0018	
10/5/2017	<0.0018	
3/21/2018	<0.0018	
10/2/2018	0.0018 (J)	
3/27/2019	<0.0018	
9/11/2019	0.0016	
3/18/2020	0.0016	
9/9/2020	0.0021	
4/1/2021	0.0012	
10/18/2021	0.002	
2/15/2022	0.0022	
8/25/2022	0.003	
12/28/2022	0.0017 (R)	
2/21/2023		0.0031
8/9/2023		0.0026
3/1/2024		0.0048

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intrawell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-11	GWC-11
5/10/2010	<0.0018	
6/16/2010	<0.0018	
7/27/2010	<0.0018	
9/8/2010	<0.0018	
4/29/2011	<0.0018	
10/27/2011	<0.0018	
5/4/2012	<0.0018	
11/10/2012	<0.0018	
5/9/2013	<0.0018	
11/6/2013	<0.0018	
5/20/2014	<0.0018	
11/12/2014	<0.0018	
5/24/2015	<0.0018	
11/12/2015	<0.0018	
4/13/2016	<0.0018 (D)	
10/5/2016	<0.0018	
4/6/2017	<0.0018	
10/5/2017	<0.0018	
3/21/2018	<0.0018	
10/2/2018	<0.0018	
3/27/2019	<0.0018	
9/11/2019	0.00066 (J)	
3/18/2020	0.0005 (J)	
9/10/2020	0.0012	
4/1/2021	0.00065 (J)	
8/11/2021	0.0006 (J)	
2/16/2022	0.0007 (J)	
8/25/2022	0.00081 (J)	
2/27/2023		0.00085 (J)
8/9/2023		0.00068 (J)
2/29/2024		0.00099 (J)

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intrawell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-12	GWC-12
5/9/2010	<0.0018	
6/18/2010	<0.0018	
7/27/2010	<0.0018	
9/8/2010	<0.0018	
4/29/2011	<0.0018	
10/28/2011	<0.0018	
5/3/2012	<0.0018	
11/10/2012	<0.0018	
5/9/2013	<0.0018	
11/6/2013	<0.0018	
5/20/2014	<0.0018	
11/12/2014	<0.0018	
5/23/2015	<0.0018	
11/12/2015	<0.0018	
4/13/2016	<0.0018 (D)	
10/5/2016	<0.0018	
4/5/2017	<0.0018	
10/5/2017	<0.0018	
3/21/2018	<0.0018 (D)	
10/2/2018	<0.0018	
3/26/2019	<0.0018	
9/11/2019	0.00084 (J)	
3/18/2020	0.0006 (J)	
9/10/2020	0.00088 (J)	
4/1/2021	0.00065 (J)	
8/11/2021	0.0008 (J)	
2/16/2022	0.00076 (J)	
8/26/2022	0.00096 (J)	
2/27/2023		0.0011
8/9/2023		0.00094 (J)
2/29/2024		0.00092 (J)

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - IntraWell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-13	GWC-13
5/9/2010	<0.001	
6/18/2010	<0.001	
7/29/2010	<0.001	
9/9/2010	<0.001	
4/26/2011	<0.001	
10/28/2011	<0.001	
5/4/2012	<0.001	
11/11/2012	<0.001	
5/8/2013	<0.001	
11/7/2013	<0.001	
5/20/2014	<0.001	
11/12/2014	<0.001	
5/24/2015	<0.001	
11/12/2015	<0.001	
4/13/2016	<0.001 (D)	
10/7/2016	<0.001	
4/6/2017	<0.001	
10/6/2017	<0.001	
3/22/2018	<0.001	
10/3/2018	<0.001	
3/26/2019	<0.001	
9/11/2019	0.00039 (J)	
3/18/2020	0.00061 (J)	
9/10/2020	0.00044 (J)	
4/6/2021	0.00053 (J)	
8/11/2021	<0.001	
2/16/2022	<0.001	
8/26/2022	<0.001	
2/27/2023		<0.001
8/9/2023		0.00043 (J)
3/1/2024		0.00059 (J)

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - IntraWell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-14	GWC-14
5/9/2010	<0.001	
6/18/2010	<0.001	
7/28/2010	<0.001	
9/9/2010	<0.001	
4/30/2011	<0.001	
10/28/2011	<0.001	
5/3/2012	<0.001	
11/10/2012	<0.001	
5/8/2013	<0.001	
11/5/2013	<0.001	
5/20/2014	<0.001	
11/12/2014	<0.001	
5/24/2015	<0.001	
11/11/2015	<0.001	
4/13/2016	<0.001 (D)	
10/4/2016	<0.001	
4/6/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/11/2021	<0.001	
2/16/2022	<0.001	
8/26/2022	<0.001	
2/27/2023		<0.001
8/9/2023		<0.001
3/1/2024		0.0081

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - IntraWell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-18	GWC-18
5/10/2010	<0.001	
6/16/2010	<0.001	
7/26/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	<0.001	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	<0.001	
11/6/2013	<0.001	
5/23/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	0.0045 (O)	
11/10/2015	<0.001	
4/11/2016	<0.001	
10/5/2016	<0.001	
4/6/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/11/2019	0.00048 (J)	
3/18/2020	0.00034 (J)	
9/9/2020	0.00064 (J)	
4/1/2021	<0.001	
8/11/2021	<0.001	
2/16/2022	<0.001	
8/25/2022	<0.001	
2/28/2023		<0.001
8/9/2023		<0.001
2/29/2024		<0.001

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - IntraWell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-19	GWC-19
5/11/2010	<0.001	
6/16/2010	<0.001	
7/27/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	<0.001	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/9/2013	<0.001	
11/6/2013	<0.001	
5/22/2014	<0.001	
11/8/2014	<0.001	
5/23/2015	0.01 (O)	
11/10/2015	<0.001	
4/11/2016	<0.001	
10/5/2016	<0.001	
4/5/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/12/2019	0.0015	
3/19/2020	0.00047 (J)	
9/9/2020	0.00039 (J)	
4/5/2021	0.00047 (J)	
8/11/2021	<0.001	
2/16/2022	<0.001	
8/25/2022	0.0017	
2/28/2023		0.0016
8/8/2023		0.00051 (J)
2/29/2024		0.00067 (J)

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - IntraWell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-2	GWC-2
5/11/2010	0.0033 (O)	
6/19/2010	<0.0018	
7/27/2010	<0.0018	
9/9/2010	<0.0018	
4/28/2011	<0.0018	
10/28/2011	<0.0018	
5/3/2012	<0.0018	
11/9/2012	<0.0018	
5/9/2013	<0.0018	
11/5/2013	<0.0018	
5/22/2014	<0.0018	
11/13/2014	<0.0018	
5/24/2015	<0.0018	
11/11/2015	<0.0018	
4/12/2016	0.00206 (J)	
10/4/2016	0.0023 (J)	
4/6/2017	<0.0018	
10/4/2017	0.0021 (J)	
3/20/2018	<0.0018	
10/2/2018	<0.0018	
3/26/2019	<0.0018	
9/10/2019	0.0022	
3/18/2020	0.0016	
9/9/2020	0.0016	
4/1/2021	0.0022	
8/12/2021	0.0028	
2/15/2022	0.0018	
8/26/2022	0.002	
2/27/2023		0.0038
8/9/2023		0.0017
3/1/2024		0.0018

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intrawell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-20	GWC-20
5/11/2010	<0.001	
6/17/2010	<0.001	
7/27/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	0.003 (J)	
5/3/2012	<0.001	
11/10/2012	<0.001	
5/9/2013	<0.001	
11/6/2013	<0.001	
5/22/2014	<0.001	
11/9/2014	<0.001	
5/24/2015	0.0063 (O)	
11/10/2015	<0.001	
4/12/2016	<0.001	
10/5/2016	<0.001	
4/6/2017	0.002 (J)	
10/5/2017	<0.001	
3/21/2018	<0.001	
10/3/2018	<0.001	
3/26/2019	<0.001	
9/12/2019	0.00097 (J)	
3/19/2020	0.00098 (J)	
9/10/2020	0.00098 (J)	
4/5/2021	0.00048 (J)	
8/11/2021	0.00056 (J)	
2/16/2022	0.00055 (J)	
8/25/2022	0.00074 (J)	
2/28/2023		<0.001
8/8/2023		0.00067 (J)
3/1/2024		0.00059 (J)

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intrawell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-3	GWC-3
5/11/2010	<0.0018	
6/17/2010	<0.0018	
7/28/2010	0.019 (O)	
9/7/2010	0.0093 (O)	
4/29/2011	<0.0018	
10/28/2011	<0.0018	
5/3/2012	<0.0018	
11/9/2012	0.0035 (J)	
5/10/2013	0.0081 (O)	
11/6/2013	<0.0018	
5/22/2014	<0.0018	
11/9/2014	<0.0018	
5/22/2015	<0.0018	
11/10/2015	<0.0018	
4/12/2016	<0.0018 (D)	
10/5/2016	<0.0018	
4/6/2017	<0.0018	
10/5/2017	<0.0018	
3/21/2018	0.0022 (J)	
10/3/2018	0.0018 (J)	
3/26/2019	<0.0018	
9/10/2019	0.0016	
3/18/2020	0.00091 (J)	
9/10/2020	0.0014	
4/6/2021	0.0018	
8/12/2021	0.0029	
2/15/2022	0.0013	
8/25/2022	0.0024	
2/28/2023		0.0011
8/9/2023		0.00078 (J)
3/4/2024		0.0014

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - IntraWell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-4	GWC-4
5/11/2010	<0.0018	
6/17/2010	<0.0018	
7/28/2010	<0.0018	
9/8/2010	<0.0018	
4/28/2011	<0.0018	
10/29/2011	<0.0018	
5/3/2012	<0.0018	
11/10/2012	<0.0018	
5/10/2013	<0.0018	
11/6/2013	<0.0018	
5/22/2014	<0.0018	
11/9/2014	<0.0018	
5/22/2015	<0.0018	
11/11/2015	<0.0018	
4/12/2016	<0.0018	
10/6/2016	0.0021 (J)	
4/6/2017	<0.0018	
10/6/2017	<0.0018	
3/21/2018	<0.0018	
10/3/2018	<0.0018	
3/26/2019	0.0036	
9/10/2019	0.00079 (J)	
3/19/2020	0.00073 (J)	
9/10/2020	0.0013	
4/2/2021	0.0012	
8/12/2021	0.00076 (J)	
2/15/2022	0.00076 (J)	
8/25/2022	0.0015	
2/27/2023		0.0012
8/8/2023		0.001
2/29/2024		0.0015

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - IntraWell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-5	GWC-5
5/11/2010	<0.001	
6/18/2010	<0.001	
7/27/2010	<0.001	
9/9/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	<0.001	
5/4/2012	<0.001	
11/10/2012	<0.001	
5/9/2013	<0.001	
11/6/2013	<0.001	
5/22/2014	<0.001	
11/9/2014	<0.001	
5/24/2015	0.006 (O)	
11/11/2015	<0.001	
4/19/2016	0.00268 (J)	
10/6/2016	<0.001	
4/6/2017	0.0018 (J)	
10/5/2017	<0.001	
3/22/2018	0.0019 (J)	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	0.0007 (J)	
3/18/2020	0.00068 (J)	
9/9/2020	0.00039 (J)	
4/1/2021	0.00042 (J)	
8/12/2021	0.00061 (J)	
2/15/2022	0.001	
8/25/2022	0.00071 (J)	
2/28/2023		<0.001
8/8/2023		<0.001
2/29/2024		0.00049 (J)

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - IntraWell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-6	GWC-6
5/11/2010	0.0034	
6/18/2010	0.0046	
7/27/2010	<0.0018	
9/9/2010	<0.0018	
4/30/2011	<0.0018	
10/29/2011	<0.0018	
5/4/2012	<0.0018	
11/10/2012	0.0053	
5/9/2013	<0.0018	
11/7/2013	<0.0018	
5/21/2014	<0.0018	
11/9/2014	<0.0018	
5/24/2015	0.0047	
11/11/2015	<0.0018	
4/12/2016	<0.0018	
10/6/2016	<0.0018	
4/6/2017	<0.0018	
10/6/2017	<0.0018	
3/21/2018	<0.0018	
10/3/2018	<0.0018	
3/26/2019	<0.0018	
9/11/2019	0.00099 (J)	
3/18/2020	0.00062 (J)	
9/10/2020	0.0009 (J)	
4/5/2021	0.00088 (J)	
8/11/2021	0.00074 (J)	
2/15/2022	0.00089 (J)	
8/25/2022	0.0013	
2/27/2023		0.0008 (J)
8/8/2023		0.00075 (J)
2/29/2024		0.00098 (J)

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intrawell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-7	GWC-7
5/10/2010	<0.001	
6/18/2010	<0.001	
7/28/2010	<0.001	
9/9/2010	<0.001	
4/30/2011	<0.001	
10/29/2011	<0.001	
5/4/2012	<0.001	
11/10/2012	<0.001	
5/9/2013	<0.001	
11/7/2013	<0.001	
5/21/2014	<0.001	
11/12/2014	<0.001	
5/24/2015	0.0044	
11/11/2015	<0.001	
4/13/2016	<0.001 (D)	
10/6/2016	<0.001	
4/7/2017	<0.001	
10/6/2017	<0.001	
3/22/2018	<0.001	
10/4/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	0.00046 (J)	
3/19/2020	<0.001	
9/10/2020	0.0007 (J)	
4/1/2021	0.00036 (J)	
8/11/2021	<0.001	
2/15/2022	<0.001	
8/25/2022	0.0015	
2/27/2023		0.01
5/2/2023		<0.001
8/8/2023		<0.001
2/29/2024		<0.001

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - IntraWell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-8A	GWC-8A
5/10/2010	<0.0018	
6/19/2010	<0.0018	
7/28/2010	<0.0018	
9/8/2010	<0.0018	
4/30/2011	0.008 (O)	
10/27/2011	0.0044 (J)	
5/4/2012	0.0032 (J)	
11/11/2012	0.0069	
5/10/2013	0.0093 (O)	
11/7/2013	0.0033 (J)	
5/21/2014	<0.0018	
11/13/2014	0.0049 (J)	
5/23/2015	0.003 (J)	
11/11/2015	<0.0018	
4/19/2016	0.00247 (J)	
10/10/2016	<0.0018	
4/7/2017	0.0022 (J)	
10/9/2017	<0.0018	
3/22/2018	<0.0018	
10/4/2018	<0.0018	
3/27/2019	<0.0018	
9/11/2019	0.0013	
3/18/2020	0.0044	
9/9/2020	0.0036	
4/5/2021	0.0058	
8/12/2021	0.0035	
2/15/2022	0.0055	
8/25/2022	0.0053	
2/27/2023		0.007
5/2/2023		0.0062
8/8/2023		0.0087
10/4/2023		0.0052 (R)
2/29/2024		0.0055

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - IntraWell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-9	GWC-9
5/10/2010	<0.001	
6/16/2010	<0.001	
7/27/2010	<0.001	
9/8/2010	<0.001	
4/29/2011	<0.001	
10/27/2011	<0.001	
5/3/2012	<0.001	
11/11/2012	<0.001	
5/9/2013	<0.001	
11/6/2013	<0.001	
5/21/2014	<0.001	
11/12/2014	<0.001	
5/23/2015	<0.001	
11/12/2015	<0.001	
4/13/2016	<0.001 (D)	
10/6/2016	<0.001	
4/6/2017	<0.001	
10/5/2017	<0.001	
3/21/2018	<0.001	
10/2/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	0.00063 (J)	
3/18/2020	<0.001	
9/9/2020	0.00046 (J)	
4/1/2021	0.00058 (J)	
8/12/2021	0.00045 (J)	
2/15/2022	<0.001	
8/25/2022	0.0042	
12/28/2022	0.00068 (J,R)	
2/27/2023		0.00091 (J)
8/8/2023		0.00066 (J)
3/1/2024		0.00086 (J)

Prediction Limit

Constituent: Selenium, T Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

	GWA-15	GWA-15
5/9/2010	<0.005	
6/18/2010	<0.005	
7/28/2010	<0.005	
9/9/2010	<0.005	
4/30/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/5/2013	<0.005	
5/20/2014	<0.005	
11/12/2014	<0.005	
5/22/2015	<0.005	
11/11/2015	<0.005	
4/6/2016	<0.005	
6/15/2016	<0.005	
8/10/2016	<0.005	
10/4/2016	<0.005	
11/30/2016	<0.005	
2/7/2017	<0.005	
4/4/2017	0.00067 (J)	
6/20/2017	<0.005	
10/4/2017	<0.005	
3/20/2018	<0.005 (XD)	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	<0.005	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/28/2023		<0.005
8/3/2023		<0.005
3/4/2024		<0.005

Prediction Limit

Constituent: Selenium, T Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

	GWA-16	GWA-16
5/9/2010	<0.005	
6/16/2010	<0.005	
7/27/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/6/2013	<0.005	
5/20/2014	<0.005	
11/8/2014	<0.005	
5/22/2015	<0.005	
11/9/2015	0.0043	
4/6/2016	<0.005	
6/15/2016	<0.005	
8/10/2016	<0.005	
10/4/2016	<0.005	
11/29/2016	0.00024 (J)	
2/7/2017	<0.005	
4/4/2017	0.0017	
6/20/2017	<0.005	
10/5/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	<0.005	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/28/2023		<0.005
8/3/2023		<0.005
2/28/2024		<0.005

Prediction Limit

Constituent: Selenium, T Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

	GWA-17	GWA-17
5/8/2010	<0.005	
6/16/2010	<0.005	
7/26/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	0.0044	
11/6/2013	<0.005	
5/20/2014	<0.005	
11/8/2014	<0.005	
5/22/2015	<0.005	
11/9/2015	<0.005	
4/6/2016	<0.005	
6/15/2016	<0.005	
8/10/2016	<0.005	
10/5/2016	<0.005	
11/29/2016	<0.005	
2/7/2017	<0.005	
4/4/2017	<0.005	
6/20/2017	<0.005	
10/5/2017	0.00027 (J)	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	<0.005	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/15/2022	<0.005	
8/24/2022	<0.005	
2/28/2023		<0.005
8/3/2023		<0.005
2/28/2024		<0.005

Prediction Limit

Constituent: Selenium, T Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-1	GWC-1
5/11/2010	<0.005	
6/17/2010	<0.005	
7/27/2010	<0.005	
9/9/2010	<0.005	
4/28/2011	<0.005	
10/29/2011	<0.005	
5/3/2012	<0.005	
11/9/2012	<0.005	
5/9/2013	<0.005	
11/5/2013	<0.005	
5/23/2014	<0.005	
11/13/2014	<0.005	
5/23/2015	0.0053	
11/11/2015	<0.005	
4/12/2016	<0.005	
6/16/2016	<0.005	
8/11/2016	<0.005	
10/4/2016	0.00037 (J)	
11/30/2016	<0.005	
2/7/2017	<0.005	
4/5/2017	<0.005	
6/20/2017	<0.005	
10/4/2017	<0.005	
3/20/2018	<0.005 (X)	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	<0.005	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/18/2021	<0.005	
2/15/2022	<0.005	
8/24/2022	<0.005	
2/27/2023		<0.005
8/9/2023		<0.005
3/1/2024		<0.005

Prediction Limit

Constituent: Selenium, T Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-10	GWC-10
5/10/2010	<0.005	
6/16/2010	<0.005	
7/28/2010	<0.005	
9/8/2010	<0.005	
4/29/2011	<0.005	
10/27/2011	<0.005	
5/4/2012	<0.005	
11/11/2012	<0.005	
5/9/2013	<0.005	
11/5/2013	<0.005	
5/21/2014	<0.005	
11/12/2014	<0.005	
5/23/2015	0.0043	
11/12/2015	0.0046	
4/13/2016	<0.005 (D)	
6/21/2016	<0.005	
8/15/2016	<0.005	
10/5/2016	<0.005	
12/1/2016	<0.005	
2/8/2017	<0.005	
4/6/2017	<0.005	
6/21/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	<0.005	
10/2/2018	<0.005	
3/27/2019	<0.005	
9/11/2019	<0.005	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/17/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/21/2023		<0.005
8/9/2023		<0.005
3/1/2024		<0.005

Prediction Limit

Constituent: Selenium, T Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-11	GWC-11
5/10/2010	<0.005	
6/16/2010	<0.005	
7/27/2010	<0.005	
9/8/2010	<0.005	
4/29/2011	<0.005	
10/27/2011	<0.005	
5/4/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/20/2014	<0.005	
11/12/2014	<0.005	
5/24/2015	0.005	
11/12/2015	0.0042	
4/13/2016	<0.005 (D)	
6/21/2016	<0.005	
8/15/2016	<0.005	
10/5/2016	<0.005	
12/1/2016	<0.005	
2/8/2017	<0.005	
4/6/2017	0.00031 (J)	
6/20/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	<0.005	
10/2/2018	<0.005	
3/27/2019	<0.005	
3/18/2020	<0.005	
9/10/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/16/2022	<0.005	
8/25/2022	<0.005	
2/27/2023		<0.005
8/9/2023		<0.005
2/29/2024		<0.005

Prediction Limit

Constituent: Selenium, T Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-12	GWC-12
5/9/2010	<0.005	
6/18/2010	<0.005	
7/27/2010	<0.005	
9/8/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	0.004	
5/3/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/20/2014	<0.005	
11/12/2014	<0.005	
5/23/2015	<0.005	
11/12/2015	<0.005	
4/13/2016	<0.005 (D)	
6/21/2016	<0.005	
8/15/2016	<0.005	
10/5/2016	<0.005	
12/1/2016	<0.005	
2/8/2017	<0.005	
4/5/2017	<0.005	
6/20/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	<0.005 (D)	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/11/2019	<0.005	
3/18/2020	<0.005	
9/10/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/16/2022	<0.005	
8/26/2022	<0.005	
2/27/2023		<0.005
8/9/2023		<0.005
2/29/2024		<0.005

Prediction Limit

Constituent: Selenium, T Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-14	GWC-14
5/9/2010	<0.005	
6/18/2010	<0.005	
7/28/2010	<0.005	
9/9/2010	<0.005	
4/30/2011	<0.005	
10/28/2011	<0.005	
5/3/2012	<0.005	
11/10/2012	<0.005	
5/8/2013	<0.005	
11/5/2013	<0.005	
5/20/2014	<0.005	
11/12/2014	<0.005	
5/24/2015	<0.005	
11/11/2015	0.0052	
4/13/2016	<0.005 (D)	
6/21/2016	<0.005	
8/15/2016	<0.005	
10/4/2016	<0.005	
12/1/2016	0.00025 (J)	
2/7/2017	<0.005	
4/6/2017	<0.005	
6/20/2017	<0.005	
10/5/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/11/2019	<0.005	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/16/2022	<0.005	
8/26/2022	<0.005	
2/27/2023		<0.005
8/9/2023		<0.005
3/1/2024		<0.005

Prediction Limit

Constituent: Selenium, T Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-18	GWC-18
5/10/2010	<0.005	
6/16/2010	<0.005	
7/26/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/6/2013	<0.005	
5/23/2014	<0.005	
11/8/2014	<0.005	
5/22/2015	<0.005	
11/10/2015	0.0041	
4/11/2016	<0.005	
6/16/2016	<0.005	
8/11/2016	<0.005	
10/5/2016	<0.005	
11/29/2016	<0.005	
2/8/2017	<0.005	
4/6/2017	<0.005	
6/21/2017	<0.005	
10/5/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/11/2019	<0.005	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/16/2022	<0.005	
8/25/2022	<0.005	
2/28/2023		<0.005
8/9/2023		<0.005
2/29/2024		<0.005

Prediction Limit

Constituent: Selenium, T Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-19	GWC-19
5/11/2010	<0.005	
6/16/2010	<0.005	
7/27/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/22/2014	<0.005	
11/8/2014	<0.005	
5/23/2015	<0.005	
11/10/2015	0.0044	
4/11/2016	<0.005	
6/16/2016	<0.005	
8/11/2016	<0.005	
10/5/2016	<0.005	
11/29/2016	<0.005	
2/8/2017	<0.005	
4/5/2017	<0.005	
6/21/2017	<0.005	
10/5/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/9/2020	<0.005	
4/5/2021	<0.005	
8/11/2021	<0.005	
2/16/2022	<0.005	
8/25/2022	<0.005	
2/28/2023		<0.005
8/8/2023		<0.005
2/29/2024		<0.005

Prediction Limit

Constituent: Selenium, T Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intrawell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-2	GWC-2
5/11/2010	<0.005	
6/19/2010	<0.005	
7/27/2010	<0.005	
9/9/2010	<0.005	
4/28/2011	<0.005	
10/28/2011	<0.005	
5/3/2012	<0.005	
11/9/2012	<0.005	
5/9/2013	<0.005	
11/5/2013	<0.005	
5/22/2014	<0.005	
11/13/2014	<0.005	
5/24/2015	0.0044	
11/11/2015	0.0045	
4/12/2016	<0.005	
6/16/2016	<0.005	
8/11/2016	<0.005	
10/4/2016	<0.005	
11/30/2016	<0.005	
2/7/2017	<0.005	
4/6/2017	0.0023	
6/20/2017	<0.005	
10/4/2017	<0.005	
3/20/2018	<0.005 (X)	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	<0.005	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/12/2021	<0.005	
2/15/2022	<0.005	
8/26/2022	<0.005	
2/27/2023		0.00075 (J)
8/9/2023		<0.005
3/1/2024		<0.005

Prediction Limit

Constituent: Selenium, T Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-3	GWC-3
5/11/2010	<0.005	
6/17/2010	<0.005	
7/28/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/3/2012	<0.005	
11/9/2012	<0.005	
5/10/2013	<0.005	
11/6/2013	<0.005	
5/22/2014	<0.005	
11/9/2014	<0.005	
5/22/2015	<0.005	
11/10/2015	<0.005	
4/12/2016	<0.005 (D)	
6/20/2016	<0.005	
8/12/2016	0.00036 (J)	
10/5/2016	<0.005	
11/30/2016	<0.005	
2/8/2017	<0.005	
4/6/2017	<0.005	
6/21/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	<0.005	
10/3/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	<0.005	
3/18/2020	<0.005	
9/10/2020	<0.005	
4/6/2021	<0.005	
8/12/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/28/2023		<0.005
8/9/2023		<0.005
3/4/2024		<0.005

Prediction Limit

Constituent: Selenium, T Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-4	GWC-4
5/11/2010	<0.005	
6/17/2010	<0.005	
7/28/2010	<0.005	
9/8/2010	<0.005	
4/28/2011	<0.005	
10/29/2011	<0.005	
5/3/2012	<0.005	
11/10/2012	<0.005	
5/10/2013	<0.005	
11/6/2013	<0.005	
5/22/2014	<0.005	
11/9/2014	<0.005	
5/22/2015	<0.005	
11/11/2015	<0.005	
4/12/2016	<0.005	
6/20/2016	<0.005	
8/12/2016	<0.005	
10/6/2016	<0.005	
11/30/2016	<0.005	
2/8/2017	<0.005	
4/6/2017	<0.005	
6/22/2017	<0.005	
10/6/2017	<0.005	
3/21/2018	<0.005 (X)	
10/3/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	<0.005	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/2/2021	<0.005	
8/12/2021	<0.005	
2/15/2022	0.0013 (J)	
8/25/2022	0.0012 (J)	
2/27/2023		0.0039 (J)
8/8/2023		0.0041 (J)
2/29/2024		0.0042 (J)

Prediction Limit

Constituent: Selenium, T Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - IntraWell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-5	GWC-5
5/11/2010	<0.01	
6/18/2010	<0.01	
7/27/2010	<0.01	
9/9/2010	<0.01	
4/29/2011	<0.01	
10/28/2011	<0.01	
5/4/2012	<0.01	
11/10/2012	<0.01	
5/9/2013	<0.01	
11/6/2013	<0.01	
5/22/2014	<0.01	
11/9/2014	<0.01	
5/24/2015	0.013 (J)	
11/11/2015	0.037	
4/19/2016	0.0587	
6/22/2016	0.0435	
8/16/2016	0.029	
10/6/2016	0.027	
12/1/2016	0.029	
2/9/2017	0.031	
4/6/2017	0.043	
6/21/2017	0.052	
10/5/2017	0.038	
3/22/2018	0.038	
10/3/2018	0.021	
3/27/2019	0.023	
9/11/2019	0.0079	
3/18/2020	0.014	
9/9/2020	0.0054	
4/1/2021	0.0065	
8/12/2021	0.0088	
2/15/2022	0.0058	
8/25/2022	0.0043 (J)	
2/28/2023		0.0033 (J)
8/8/2023		0.003 (J)
2/29/2024		0.0018 (J)

Prediction Limit

Constituent: Selenium, T Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-6	GWC-6
5/11/2010	<0.005	
6/18/2010	<0.005	
7/27/2010	<0.005	
9/9/2010	<0.005	
4/30/2011	<0.005	
10/29/2011	<0.005	
5/4/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/7/2013	<0.005	
5/21/2014	<0.005	
11/9/2014	<0.005	
5/24/2015	<0.005	
11/11/2015	0.007	
4/12/2016	<0.005	
6/20/2016	0.00032 (J)	
8/12/2016	0.00035 (J)	
10/6/2016	0.00029 (J)	
11/30/2016	0.00026 (J)	
2/9/2017	<0.005	
4/6/2017	<0.005	
6/21/2017	0.00031 (J)	
10/6/2017	<0.005	
3/21/2018	<0.005 (X)	
10/3/2018	0.00056 (J)	
3/26/2019	<0.005	
9/11/2019	<0.005	
3/18/2020	<0.005	
9/10/2020	<0.005	
4/5/2021	<0.005	
8/11/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/27/2023		<0.005
8/8/2023		<0.005
2/29/2024		<0.005

Prediction Limit

Constituent: Selenium, T Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-7	GWC-7
5/10/2010	<0.005	
6/18/2010	<0.005	
7/28/2010	<0.005	
9/9/2010	<0.005	
4/30/2011	<0.005	
10/29/2011	<0.005	
5/4/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/7/2013	<0.005	
5/21/2014	<0.005	
11/12/2014	<0.005	
5/24/2015	0.0053	
11/11/2015	0.0049	
4/13/2016	<0.005 (D)	
6/20/2016	<0.005	
8/15/2016	<0.005	
10/6/2016	<0.005	
12/1/2016	<0.005	
2/9/2017	<0.005	
4/7/2017	<0.005	
6/22/2017	<0.005	
10/6/2017	<0.005	
3/22/2018	<0.005	
10/4/2018	<0.005	
3/27/2019	<0.005	
9/11/2019	<0.005	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/27/2023		<0.005
8/8/2023		<0.005
2/29/2024		<0.005

Prediction Limit

Constituent: Selenium, T Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intrawell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-8A	GWC-8A
5/10/2010	<0.005	
6/19/2010	<0.005	
7/28/2010	<0.005	
9/8/2010	<0.005	
4/30/2011	<0.005	
10/27/2011	<0.005	
5/4/2012	<0.005	
11/11/2012	<0.005	
5/10/2013	<0.005	
11/7/2013	<0.005	
5/21/2014	<0.005	
11/13/2014	<0.005	
5/23/2015	0.0045	
11/11/2015	0.0043	
4/19/2016	<0.005	
10/10/2016	<0.005	
12/1/2016	<0.005	
2/9/2017	<0.005	
4/7/2017	<0.005	
6/21/2017	<0.005	
8/15/2017	<0.005	
9/1/2017	0.00044 (J)	
10/9/2017	<0.005	
3/22/2018	0.00032 (J)	
10/4/2018	<0.005	
3/27/2019	<0.005	
9/11/2019	<0.005	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/5/2021	<0.005	
8/12/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/27/2023		<0.005
8/8/2023		<0.005
2/29/2024		<0.005

Prediction Limit

Constituent: Selenium, T Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-9	GWC-9
5/10/2010	<0.005	
6/16/2010	<0.005	
7/27/2010	<0.005	
9/8/2010	<0.005	
4/29/2011	<0.005	
10/27/2011	<0.005	
5/3/2012	<0.005	
11/11/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/21/2014	<0.005	
11/12/2014	<0.005	
5/23/2015	<0.005	
11/12/2015	0.0065	
4/13/2016	<0.005 (D)	
6/22/2016	<0.005	
8/15/2016	<0.005	
10/6/2016	<0.005	
12/1/2016	<0.005	
2/8/2017	<0.005	
4/6/2017	<0.005	
6/21/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	<0.005 (X)	
10/2/2018	<0.005	
3/27/2019	<0.005	
9/11/2019	<0.005	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/12/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/27/2023		<0.005
8/8/2023		<0.005
3/1/2024		<0.005

Prediction Limit

Constituent: Thallium, Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intrawell

Plant Scherer Data: Scherer Cell 1-CCR

	GWA-15	GWA-15
5/9/2010	<0.001	
6/18/2010	<0.001	
7/28/2010	<0.001	
9/9/2010	<0.001	
4/30/2011	<0.001	
10/28/2011	<0.001	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	<0.001	
11/5/2013	<0.001	
5/20/2014	<0.001	
11/12/2014	<0.001	
5/22/2015	<0.001	
11/11/2015	<0.001	
4/6/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
10/4/2016	<0.001	
11/30/2016	<0.001	
2/7/2017	<0.001	
4/4/2017	<0.001	
6/20/2017	<0.001	
10/4/2017	<0.001	
3/20/2018	<0.001 (D)	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	<0.001	
3/18/2020	<0.001	
9/9/2020	0.00025 (J)	
4/1/2021	<0.001	
8/11/2021	<0.001	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/28/2023		<0.001
8/3/2023		<0.001
3/4/2024		<0.001

Prediction Limit

Constituent: Thallium, Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intrawell

Plant Scherer Data: Scherer Cell 1-CCR

	GWA-16	GWA-16
5/9/2010	<0.001	
6/16/2010	<0.001	
7/27/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	<0.001	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	0.0003	
11/6/2013	<0.001	
5/20/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	<0.001	
11/9/2015	<0.001	
4/6/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
10/4/2016	<0.001	
11/29/2016	<0.001	
2/7/2017	<0.001	
4/4/2017	<0.001	
6/20/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	0.00021 (J)	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/11/2021	<0.001	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/28/2023		<0.001
8/3/2023		<0.001
2/28/2024		<0.001

Prediction Limit

Constituent: Thallium, Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intrawell

Plant Scherer Data: Scherer Cell 1-CCR

	GWA-17	GWA-17
5/8/2010	<0.001	
6/16/2010	<0.001	
7/26/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	<0.001	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	<0.001	
11/6/2013	<0.001	
5/20/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	<0.001	
11/9/2015	<0.001	
4/6/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
10/5/2016	<0.001	
11/29/2016	<0.001	
2/7/2017	<0.001	
4/4/2017	<0.001	
6/20/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	0.00023 (J)	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/11/2021	<0.001	
2/15/2022	<0.001	
8/24/2022	<0.001	
2/28/2023		<0.001
8/3/2023		<0.001
2/28/2024		<0.001

Prediction Limit

Constituent: Thallium, Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intrawell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-1	GWC-1
5/11/2010	<0.001	
6/17/2010	<0.001	
7/27/2010	<0.001	
9/9/2010	<0.001	
4/28/2011	<0.001	
10/29/2011	<0.001	
5/3/2012	<0.001	
11/9/2012	<0.001	
5/9/2013	<0.001	
11/5/2013	<0.001	
5/23/2014	<0.001	
11/13/2014	<0.001	
5/23/2015	<0.001	
11/11/2015	<0.001	
4/12/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/4/2016	<0.001	
11/30/2016	<0.001	
2/7/2017	<0.001	
4/5/2017	<0.001	
6/20/2017	<0.001	
10/4/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	<0.001	
3/18/2020	0.00049 (J)	
9/9/2020	<0.001	
4/1/2021	0.00027 (J)	
8/18/2021	<0.001	
2/15/2022	<0.001	
8/24/2022	<0.001	
2/27/2023		<0.001
8/9/2023		<0.001
3/1/2024		<0.001

Prediction Limit

Constituent: Thallium, Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intrawell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-19	GWC-19
5/11/2010	<0.001	
6/16/2010	<0.001	
7/27/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	<0.001	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/9/2013	<0.001	
11/6/2013	<0.001	
5/22/2014	<0.001	
11/8/2014	<0.001	
5/23/2015	<0.001	
11/10/2015	<0.001	
4/11/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/5/2016	<0.001	
11/29/2016	<0.001	
2/8/2017	<0.001	
4/5/2017	<0.001	
6/21/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/9/2020	<0.001	
4/5/2021	0.00032 (J)	
8/11/2021	<0.001	
2/16/2022	<0.001	
8/25/2022	<0.001	
2/28/2023		<0.001
8/8/2023		<0.001
2/29/2024		<0.001

Prediction Limit

Constituent: Thallium, Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intrawell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-2	GWC-2
5/11/2010	<0.001	
6/19/2010	<0.001	
7/27/2010	<0.001	
9/9/2010	<0.001	
4/28/2011	<0.001	
10/28/2011	<0.001	
5/3/2012	<0.001	
11/9/2012	<0.001	
5/9/2013	<0.001	
11/5/2013	<0.001	
5/22/2014	<0.001	
11/13/2014	<0.001	
5/24/2015	<0.001	
11/11/2015	<0.001	
4/12/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/4/2016	<0.001	
11/30/2016	<0.001	
2/7/2017	<0.001	
4/6/2017	<0.001	
6/20/2017	<0.001	
10/4/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	<0.001	
3/18/2020	0.00025 (J)	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/12/2021	<0.001	
2/15/2022	<0.001	
8/26/2022	<0.001	
2/27/2023		<0.001
8/9/2023		<0.001
3/1/2024		<0.001

Prediction Limit

Constituent: Thallium, Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intrawell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-4	GWC-4
5/11/2010	<0.001	
6/17/2010	<0.001	
7/28/2010	<0.001	
9/8/2010	<0.001	
4/28/2011	<0.001	
10/29/2011	<0.001	
5/3/2012	<0.001	
11/10/2012	<0.001	
5/10/2013	<0.001	
11/6/2013	<0.001	
5/22/2014	<0.001	
11/9/2014	<0.001	
5/22/2015	<0.001	
11/11/2015	<0.001	
4/12/2016	<0.001	
6/20/2016	<0.001	
8/12/2016	<0.001	
10/6/2016	<0.001	
11/30/2016	<0.001	
2/8/2017	<0.001	
4/6/2017	<0.001	
6/22/2017	<0.001	
10/6/2017	<0.001	
3/21/2018	<0.001	
10/3/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	<0.001	
3/19/2020	0.00036 (J)	
9/10/2020	<0.001	
4/2/2021	<0.001	
8/12/2021	<0.001	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/27/2023		<0.001
8/8/2023		<0.001
2/29/2024		<0.001

Prediction Limit

Constituent: Thallium, Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intrawell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-5	GWC-5
5/11/2010	<0.001	
6/18/2010	<0.001	
7/27/2010	<0.001	
9/9/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	<0.001	
5/4/2012	<0.001	
11/10/2012	<0.001	
5/9/2013	<0.001	
11/6/2013	<0.001	
5/22/2014	<0.001	
11/9/2014	<0.001	
5/24/2015	<0.001	
11/11/2015	<0.001	
4/19/2016	<0.001	
6/22/2016	<0.001	
8/16/2016	<0.001	
10/6/2016	<0.001	
12/1/2016	<0.001	
2/9/2017	<0.001	
4/6/2017	<0.001	
6/21/2017	<0.001	
10/5/2017	<0.001	
3/22/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/12/2021	0.00037 (J)	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/28/2023		<0.001
8/8/2023		<0.001
2/29/2024		<0.001

Prediction Limit

Constituent: Thallium, Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intrawell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-6	GWC-6
5/11/2010	<0.001	
6/18/2010	<0.001	
7/27/2010	<0.001	
9/9/2010	<0.001	
4/30/2011	<0.001	
10/29/2011	<0.001	
5/4/2012	<0.001	
11/10/2012	<0.001	
5/9/2013	<0.001	
11/7/2013	<0.001	
5/21/2014	<0.001	
11/9/2014	<0.001	
5/24/2015	<0.001	
11/11/2015	<0.001	
4/12/2016	<0.001	
6/20/2016	<0.001	
8/12/2016	<0.001	
10/6/2016	<0.001	
11/30/2016	<0.001	
2/9/2017	<0.001	
4/6/2017	<0.001	
6/21/2017	<0.001	
10/6/2017	<0.001	
3/21/2018	<0.001	
10/3/2018	<0.001	
3/26/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/10/2020	<0.001	
4/5/2021	0.0003 (J)	
8/11/2021	0.0002 (J)	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/27/2023		<0.001
8/8/2023		<0.001
2/29/2024		<0.001

Prediction Limit

Constituent: Thallium, Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intrawell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-7	GWC-7
5/10/2010	<0.001	
6/18/2010	<0.001	
7/28/2010	<0.001	
9/9/2010	<0.001	
4/30/2011	<0.001	
10/29/2011	0.00027	
5/4/2012	<0.001	
11/10/2012	<0.001	
5/9/2013	<0.001	
11/7/2013	0.00026	
5/21/2014	<0.001	
11/12/2014	<0.001	
5/24/2015	<0.001	
11/11/2015	<0.001	
4/13/2016	<0.001 (D)	
6/20/2016	<0.001	
8/15/2016	<0.001	
10/6/2016	<0.001	
12/1/2016	<0.001	
2/9/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/6/2017	<0.001	
3/22/2018	<0.001	
10/4/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	0.00019 (J)	
4/1/2021	<0.001	
8/11/2021	0.00043 (J)	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/27/2023		<0.001
8/8/2023		<0.001
2/29/2024		<0.001

Prediction Limit

Constituent: Thallium, Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intrawell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-8A	GWC-8A
5/10/2010	<0.001	
6/19/2010	<0.001	
7/28/2010	<0.001	
9/8/2010	<0.001	
4/30/2011	<0.001	
10/27/2011	<0.001	
5/4/2012	<0.001	
11/11/2012	<0.001	
5/10/2013	<0.001	
11/7/2013	<0.001	
5/21/2014	<0.001	
11/13/2014	<0.001	
5/23/2015	<0.001	
11/11/2015	<0.001	
4/19/2016	<0.001	
10/10/2016	<0.001	
12/1/2016	<0.001	
2/9/2017	<0.001	
4/7/2017	<0.001	
6/21/2017	<0.001	
8/15/2017	<0.001	
9/1/2017	<0.001	
10/9/2017	<0.001	
3/22/2018	<0.001	
10/4/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/5/2021	0.00081 (J)	
8/12/2021	0.00043 (J)	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/27/2023		<0.001
8/8/2023		<0.001
2/29/2024		<0.001

Prediction Limit

Constituent: Thallium, Total (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intrawell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-9	GWC-9
5/10/2010	<0.001	
6/16/2010	<0.001	
7/27/2010	<0.001	
9/8/2010	<0.001	
4/29/2011	<0.001	
10/27/2011	<0.001	
5/3/2012	<0.001	
11/11/2012	<0.001	
5/9/2013	<0.001	
11/6/2013	<0.001	
5/21/2014	<0.001	
11/12/2014	<0.001	
5/23/2015	<0.001	
11/12/2015	<0.001	
4/13/2016	<0.001 (D)	
6/22/2016	<0.001	
8/15/2016	<0.001	
10/6/2016	<0.001	
12/1/2016	<0.001	
2/8/2017	<0.001	
4/6/2017	<0.001	
6/21/2017	<0.001	
10/5/2017	<0.001	
3/21/2018	<0.001	
10/2/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/12/2021	0.00016 (J)	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/27/2023		<0.001
8/8/2023		<0.001
3/1/2024		<0.001

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intrawell

Plant Scherer Data: Scherer Cell 1-CCR

	GWA-15	GWA-15
5/9/2010	<0.002	
6/18/2010	<0.002	
7/28/2010	<0.002	
9/9/2010	<0.002	
4/30/2011	<0.002	
10/28/2011	<0.002	
5/2/2012	<0.002	
11/9/2012	<0.002	
5/8/2013	<0.002	
11/5/2013	<0.002	
5/20/2014	<0.002	
11/12/2014	0.0035 (J)	
5/22/2015	<0.002	
11/11/2015	<0.002	
4/6/2016	<0.002	
10/4/2016	0.0031	
4/4/2017	<0.002	
10/4/2017	0.0021 (J)	
3/20/2018	<0.002 (D)	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/10/2019	0.0022	
3/18/2020	0.0011	
9/9/2020	<0.002	
4/1/2021	<0.002	
8/11/2021	<0.002	
2/15/2022	<0.002	
8/25/2022	<0.002	
2/28/2023		0.0011
8/3/2023		<0.002
3/4/2024		0.00066 (J)

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intrawell

Plant Scherer Data: Scherer Cell 1-CCR

	GWA-16	GWA-16
5/9/2010	0.0049 (J)	
6/16/2010	0.0054 (J)	
7/27/2010	0.0055 (J)	
9/7/2010	0.005 (J)	
4/29/2011	0.005 (J)	
10/28/2011	0.0081 (J)	
5/2/2012	0.0059 (J)	
11/9/2012	0.0062 (J)	
5/8/2013	0.0079 (J)	
11/6/2013	0.0068 (J)	
5/20/2014	0.0074 (J)	
11/8/2014	0.0097 (J)	
5/22/2015	0.0085 (J)	
11/9/2015	<0.01	
4/6/2016	0.00726 (J)	
10/4/2016	0.013	
4/4/2017	0.0046	
10/5/2017	0.0071	
3/20/2018	0.0067	
10/2/2018	0.0069	
3/26/2019	0.007	
9/10/2019	0.01	
3/18/2020	0.0078	
9/9/2020	0.0072	
4/1/2021	0.0078	
8/11/2021	0.0082	
2/15/2022	0.0077	
8/25/2022	0.0079	
2/28/2023		0.0087
8/3/2023		0.0086
2/28/2024		0.0087

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intrawell

Plant Scherer Data: Scherer Cell 1-CCR

	GWA-17	GWA-17
5/8/2010	0.0024 (J)	
6/16/2010	0.002 (J)	
7/26/2010	<0.01	
9/7/2010	0.0026 (J)	
4/29/2011	0.0036 (J)	
10/28/2011	<0.01	
5/2/2012	0.003 (J)	
11/9/2012	0.0081 (J)	
5/8/2013	<0.01	
11/6/2013	0.0032 (J)	
5/20/2014	0.0036 (J)	
11/8/2014	0.0065 (J)	
5/22/2015	<0.01	
11/9/2015	0.0047 (J)	
4/6/2016	0.00424 (J)	
10/5/2016	0.0049	
4/4/2017	0.0048	
10/5/2017	0.0024 (J)	
3/20/2018	0.0041	
10/2/2018	0.004	
3/26/2019	0.0051	
9/10/2019	0.0091	
3/18/2020	0.0051	
9/9/2020	0.0053	
4/1/2021	0.005	
8/11/2021	0.0055	
2/15/2022	0.0052	
8/24/2022	0.0051	
2/28/2023		0.0057
8/3/2023		0.0041
2/28/2024		0.0056

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intrawell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-1	GWC-1
5/11/2010	0.012	
6/17/2010	0.0082 (J)	
7/27/2010	0.0096 (J)	
9/9/2010	0.0098 (J)	
4/28/2011	0.0085 (J)	
10/29/2011	0.011	
5/3/2012	0.013	
11/9/2012	0.013	
5/9/2013	0.012	
11/5/2013	0.015	
5/23/2014	0.015	
11/13/2014	0.02	
5/23/2015	0.018	
11/11/2015	0.018	
4/12/2016	0.0173	
10/4/2016	0.021	
4/5/2017	0.017	
10/4/2017	0.02	
3/20/2018	0.016	
10/2/2018	0.017	
3/26/2019	0.017	
9/10/2019	0.02	
3/18/2020	0.02	
9/9/2020	0.018	
4/1/2021	0.019	
8/18/2021	0.018	
2/15/2022	0.018	
8/24/2022	0.017	
2/27/2023		0.019
8/9/2023		0.019
3/1/2024		0.018

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intrawell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-10	GWC-10
5/10/2010	0.011	
6/16/2010	0.01	
7/28/2010	0.011	
9/8/2010	0.011	
4/29/2011	0.01	
10/27/2011	0.014	
5/4/2012	0.0096 (J)	
11/11/2012	0.011	
5/9/2013	0.011	
11/5/2013	0.013	
5/21/2014	0.012	
11/12/2014	0.016	
5/23/2015	0.011	
11/12/2015	0.0053 (J)	
4/13/2016	0.0124 (D)	
10/5/2016	0.013	
4/6/2017	0.013	
10/5/2017	0.015	
3/21/2018	0.012	
10/2/2018	0.012	
3/27/2019	0.012	
9/11/2019	0.017	
3/18/2020	0.013	
9/9/2020	0.012	
4/1/2021	0.013	
10/18/2021	0.013	
2/15/2022	0.012	
8/25/2022	0.011	
2/21/2023		0.012
8/9/2023		0.013
3/1/2024		0.013

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intrawell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-11	GWC-11
5/10/2010	0.009 (J)	
6/16/2010	0.0089 (J)	
7/27/2010	0.0089 (J)	
9/8/2010	0.009 (J)	
4/29/2011	0.0082 (J)	
10/27/2011	0.009 (J)	
5/4/2012	0.0091 (J)	
11/10/2012	0.0096 (J)	
5/9/2013	0.01	
11/6/2013	0.01	
5/20/2014	0.011	
11/12/2014	0.012	
5/24/2015	0.012	
11/12/2015	<0.01	
4/13/2016	0.00976 (JD)	
10/5/2016	0.013	
4/6/2017	0.011	
10/5/2017	0.013	
3/21/2018	0.0098	
10/2/2018	0.01	
3/27/2019	0.012	
9/11/2019	0.015	
3/18/2020	0.011	
9/10/2020	0.01	
4/1/2021	0.011	
8/11/2021	0.011	
2/16/2022	0.0099	
8/25/2022	0.0099	
2/27/2023		0.012
8/9/2023		0.0099
2/29/2024		0.011

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-12	GWC-12
5/9/2010	<0.002	
6/18/2010	<0.002	
7/27/2010	<0.002	
9/8/2010	<0.002	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/3/2012	<0.002	
11/10/2012	<0.002	
5/9/2013	<0.002	
11/6/2013	<0.002	
5/20/2014	<0.002	
11/12/2014	0.0032 (J)	
5/23/2015	<0.002	
11/12/2015	<0.002	
4/13/2016	<0.002 (D)	
10/5/2016	<0.002	
4/5/2017	<0.002	
10/5/2017	0.0022 (J)	
3/21/2018	<0.0014 (JX)	
10/2/2018	<0.002	
3/26/2019	0.0029	
9/11/2019	0.0052	
3/18/2020	<0.002	
9/10/2020	<0.002	
4/1/2021	<0.002	
8/11/2021	<0.002	
2/16/2022	<0.002	
8/26/2022	<0.002	
2/27/2023		0.0014
8/9/2023		<0.002
2/29/2024		<0.002

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-13	GWC-13
5/9/2010	<0.0014	
6/18/2010	<0.0014	
7/29/2010	<0.0014	
9/9/2010	<0.0014	
4/26/2011	<0.0014	
10/28/2011	<0.0014	
5/4/2012	<0.0014	
11/11/2012	<0.0014	
5/8/2013	0.0039 (J)	
11/7/2013	<0.0014	
5/20/2014	<0.0014	
11/12/2014	0.004 (J)	
5/24/2015	<0.0014	
11/12/2015	<0.0014	
4/13/2016	<0.0014 (D)	
10/7/2016	<0.0014	
4/6/2017	<0.0014	
10/6/2017	0.0032	
3/22/2018	<0.0014	
10/3/2018	<0.0014	
3/26/2019	0.0041	
9/11/2019	0.0062	
3/18/2020	0.001	
9/10/2020	0.0011	
4/6/2021	0.0028	
8/11/2021	0.0013	
2/16/2022	0.0011	
8/26/2022	0.0016	
2/27/2023		0.0021
8/9/2023		0.0016 (J)
3/1/2024		0.0011 (J)

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intrawell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-14	GWC-14
5/9/2010	<0.002	
6/18/2010	<0.002	
7/28/2010	<0.002	
9/9/2010	<0.002	
4/30/2011	<0.002	
10/28/2011	<0.002	
5/3/2012	<0.002	
11/10/2012	<0.002	
5/8/2013	<0.002	
11/5/2013	<0.002	
5/20/2014	<0.002	
11/12/2014	<0.002	
5/24/2015	<0.002	
11/11/2015	<0.002	
4/13/2016	<0.002 (D)	
10/4/2016	0.0026	
4/6/2017	<0.002	
10/5/2017	0.0024 (J)	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	0.0034	
9/11/2019	0.0062	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021	0.0013	
8/11/2021	0.0012	
2/16/2022	0.00091 (J)	
8/26/2022	0.0017	
2/27/2023		0.002
8/9/2023		0.00079 (J)
3/1/2024		<0.002

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intrawell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-18	GWC-18
5/10/2010	0.0052 (J)	
6/16/2010	0.0059 (J)	
7/26/2010	0.0052 (J)	
9/7/2010	0.0056 (J)	
4/29/2011	0.005 (J)	
10/28/2011	0.0048 (J)	
5/2/2012	0.0057 (J)	
11/9/2012	0.0057 (J)	
5/8/2013	0.0069 (J)	
11/6/2013	0.0052 (J)	
5/23/2014	0.0081 (J)	
11/8/2014	0.01	
5/22/2015	0.0052 (J)	
11/10/2015	<0.01	
4/11/2016	0.00604 (J)	
10/5/2016	0.0075	
4/6/2017	0.0065	
10/5/2017	0.0052	
3/20/2018	0.0064	
10/2/2018	0.0064	
3/26/2019	0.0094	
9/11/2019	0.011	
3/18/2020	0.0075	
9/9/2020	0.007	
4/1/2021	0.0081	
8/11/2021	0.008	
2/16/2022	0.0066	
8/25/2022	0.007	
2/28/2023		0.0072
8/9/2023		0.0061
2/29/2024		0.0069

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intrawell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-19	GWC-19
5/11/2010	0.0064 (J)	
6/16/2010	0.0061 (J)	
7/27/2010	0.006 (J)	
9/7/2010	0.0066 (J)	
4/29/2011	0.0066 (J)	
10/28/2011	0.0057 (J)	
5/2/2012	0.006 (J)	
11/9/2012	0.0073 (J)	
5/9/2013	0.0069 (J)	
11/6/2013	0.0077 (J)	
5/22/2014	0.0075 (J)	
11/8/2014	0.0081 (J)	
5/23/2015	0.01	
11/10/2015	0.0033 (J)	
4/11/2016	0.00756 (J)	
10/5/2016	0.0084	
4/5/2017	0.0086	
10/5/2017	0.0062	
3/20/2018	0.0072	
10/2/2018	0.0073	
3/26/2019	0.0094	
9/12/2019	0.0083	
3/19/2020	0.008	
9/9/2020	0.0071	
4/5/2021	0.0068	
8/11/2021	0.0076	
2/16/2022	0.0068	
8/25/2022	0.0068	
2/28/2023		0.0078
8/8/2023		0.007
2/29/2024		0.0078

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intrawell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-2	GWC-2
5/11/2010	0.0078 (J)	
6/19/2010	<0.01	
7/27/2010	0.0096 (J)	
9/9/2010	0.0095 (J)	
4/28/2011	0.01	
10/28/2011	0.014	
5/3/2012	0.013	
11/9/2012	0.012	
5/9/2013	0.012	
11/5/2013	0.014	
5/22/2014	0.013	
11/13/2014	0.016	
5/24/2015	0.014	
11/11/2015	0.014	
4/12/2016	0.0155	
10/4/2016	0.017	
4/6/2017	0.015	
10/4/2017	0.015	
3/20/2018	0.014	
10/2/2018	0.015	
3/26/2019	0.016	
9/10/2019	0.018	
3/18/2020	0.016	
9/9/2020	0.014	
4/1/2021	0.014	
8/12/2021	0.016	
2/15/2022	0.016	
8/26/2022	0.015	
2/27/2023		0.016
8/9/2023		0.016
3/1/2024		0.015

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-20	GWC-20
5/11/2010	0.014	
6/17/2010	0.014	
7/27/2010	0.016	
9/7/2010	0.017	
4/29/2011	0.015	
10/28/2011	0.016	
5/3/2012	0.016	
11/10/2012	0.018	
5/9/2013	0.019	
11/6/2013	0.019	
5/22/2014	0.018	
11/9/2014	0.02	
5/24/2015	0.016	
11/10/2015	0.01	
4/12/2016	0.019	
10/5/2016	<0.016	
4/6/2017	0.02	
10/5/2017	0.02	
3/21/2018	0.021	
10/3/2018	0.017	
3/26/2019	0.018	
9/12/2019	0.02	
3/19/2020	0.019	
9/10/2020	0.018	
4/5/2021	0.017	
8/11/2021	0.019	
2/16/2022	0.018	
8/25/2022	0.018	
2/28/2023		0.019
8/8/2023		0.018
3/1/2024		0.019

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intrawell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-3	GWC-3
5/11/2010	0.0046 (J)	
6/17/2010	0.0046 (J)	
7/28/2010	0.019 (O)	
9/7/2010	0.0072 (J)	
4/29/2011	0.0052 (J)	
10/28/2011	0.0059 (J)	
5/3/2012	0.0049 (J)	
11/9/2012	0.007 (J)	
5/10/2013	0.0094 (J)	
11/6/2013	0.0059 (J)	
5/22/2014	0.0057 (J)	
11/9/2014	0.0069 (J)	
5/22/2015	0.006 (J)	
11/10/2015	0.011	
4/12/2016	0.00503 (JD)	
10/5/2016	<0.0072	
4/6/2017	0.0056	
10/5/2017	0.0061	
3/21/2018	0.0097	
10/3/2018	0.0053	
3/26/2019	0.0076	
9/10/2019	0.0078	
3/18/2020	0.0051	
9/10/2020	0.0061	
4/6/2021	0.0075	
8/12/2021	0.0087	
2/15/2022	0.0064	
8/25/2022	0.0072	
2/28/2023		0.0066
8/9/2023		0.0057
3/4/2024		0.0051

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intrawell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-4	GWC-4
5/11/2010	0.0068 (J)	
6/17/2010	0.0079 (J)	
7/28/2010	0.0077 (J)	
9/8/2010	0.0077 (J)	
4/28/2011	0.0099 (J)	
10/29/2011	0.006 (J)	
5/3/2012	0.0084 (J)	
11/10/2012	0.0061 (J)	
5/10/2013	0.009 (J)	
11/6/2013	0.0089 (J)	
5/22/2014	0.0084 (J)	
11/9/2014	0.0076 (J)	
5/22/2015	0.011	
11/11/2015	0.0034 (J)	
4/12/2016	0.00654 (J)	
10/6/2016	<0.0086	
4/6/2017	0.0073	
10/6/2017	0.0087	
3/21/2018	0.0058	
10/3/2018	0.006	
3/26/2019	0.011	
9/10/2019	0.0086	
3/19/2020	0.0065	
9/10/2020	0.0068	
4/2/2021	0.0081	
8/12/2021	0.007	
2/15/2022	0.0059	
8/25/2022	0.0059	
2/27/2023		0.0056
8/8/2023		0.0056
2/29/2024		0.0049

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intrawell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-5	GWC-5
5/11/2010	0.0038 (J)	
6/18/2010	0.0044 (J)	
7/27/2010	0.0054 (J)	
9/9/2010	0.0053 (J)	
4/29/2011	0.0039 (J)	
10/28/2011	<0.0025	
5/4/2012	<0.0025	
11/10/2012	0.0035 (J)	
5/9/2013	0.004 (J)	
11/6/2013	0.0034 (J)	
5/22/2014	0.0047 (J)	
11/9/2014	0.0067 (J)	
5/24/2015	0.0033 (J)	
11/11/2015	<0.0025	
4/19/2016	<0.0025	
10/6/2016	<0.0025	
4/6/2017	0.0018 (J)	
10/5/2017	<0.0025	
3/22/2018	0.0018 (J)	
10/3/2018	0.0018 (J)	
3/27/2019	0.002 (J)	
9/11/2019	0.0047	
3/18/2020	0.002	
9/9/2020	0.002	
4/1/2021	0.0027	
8/12/2021	0.0021	
2/15/2022	0.0026	
8/25/2022	0.0026	
2/28/2023		0.003
8/8/2023		0.0018 (J)
2/29/2024		0.0029

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intrawell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-6	GWC-6
5/11/2010	0.0055	
6/18/2010	0.0071 (J)	
7/27/2010	0.0085 (J)	
9/9/2010	0.0088 (J)	
4/30/2011	0.0094 (J)	
10/29/2011	0.009 (J)	
5/4/2012	0.0084 (J)	
11/10/2012	0.0089 (J)	
5/9/2013	0.0071 (J)	
11/7/2013	0.0094 (J)	
5/21/2014	0.0082 (J)	
11/9/2014	0.013	
5/24/2015	0.009 (J)	
11/11/2015	0.0052	
4/12/2016	0.00896 (J)	
10/6/2016	<0.009	
4/6/2017	0.0089	
10/6/2017	0.011	
3/21/2018	0.0077	
10/3/2018	0.0081	
3/26/2019	0.012	
9/11/2019	0.012	
3/18/2020	0.0099	
9/10/2020	0.0094	
4/5/2021	0.0091	
8/11/2021	0.0099	
2/15/2022	0.0094	
8/25/2022	0.011	
2/27/2023		0.0097
8/8/2023		0.0094
2/29/2024		0.0093

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-7	GWC-7
5/10/2010	0.011	
6/18/2010	0.017	
7/28/2010	0.012	
9/9/2010	0.013	
4/30/2011	0.012	
10/29/2011	0.013	
5/4/2012	0.012	
11/10/2012	0.012	
5/9/2013	0.013	
11/7/2013	0.014	
5/21/2014	0.013	
11/12/2014	0.015	
5/24/2015	0.015	
11/11/2015	0.0055 (J)	
4/13/2016	0.0127 (D)	
10/6/2016	<0.012	
4/7/2017	0.013	
10/6/2017	0.015	
3/22/2018	0.012	
10/4/2018	0.012	
3/27/2019	0.013	
9/11/2019	0.015	
3/19/2020	0.014	
9/10/2020	0.014	
4/1/2021	0.014	
8/11/2021	0.013	
2/15/2022	0.013	
8/25/2022	0.014	
2/27/2023		0.014
8/8/2023		0.012
2/29/2024		0.013

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intrawell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-8A	GWC-8A
5/10/2010	0.013	
6/19/2010	0.0075 (J)	
7/28/2010	0.01	
9/8/2010	0.038	
4/30/2011	0.053 (O)	
10/27/2011	0.016	
5/4/2012	0.018	
11/11/2012	0.025	
5/10/2013	0.09 (O)	
11/7/2013	0.02	
5/21/2014	0.016	
11/13/2014	0.065 (O)	
5/23/2015	0.032	
11/11/2015	0.033	
4/19/2016	0.0233	
10/10/2016	0.019 (D)	
4/7/2017	0.0044	
10/9/2017	0.0047	
3/22/2018	0.0043	
10/4/2018	<0.002	
3/27/2019	0.003	
9/11/2019	0.0042	
3/18/2020	0.0031	
9/9/2020	<0.002	
4/5/2021	0.0023	
8/12/2021	<0.002	
2/15/2022	0.00079 (J)	
8/25/2022	0.0023	
2/27/2023		0.0019
8/8/2023		<0.002
2/29/2024		<0.002

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-9	GWC-9
5/10/2010	0.0097 (J)	
6/16/2010	0.01	
7/27/2010	0.012	
9/8/2010	0.013	
4/29/2011	0.0097 (J)	
10/27/2011	0.015	
5/3/2012	0.017	
11/11/2012	0.017	
5/9/2013	0.014	
11/6/2013	0.019	
5/21/2014	0.016	
11/12/2014	0.022	
5/23/2015	0.016	
11/12/2015	0.015	
4/13/2016	0.0144 (D)	
10/6/2016	<0.02	
4/6/2017	0.016	
10/5/2017	0.024	
3/21/2018	0.018	
10/2/2018	0.021	
3/27/2019	0.019	
9/11/2019	0.025	
3/18/2020	0.012	
9/9/2020	0.022	
4/1/2021	0.0095	
8/12/2021	0.02	
2/15/2022	0.017	
8/25/2022	0.025	
2/27/2023		0.018
8/8/2023		0.019
3/1/2024		0.016

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - IntraWell
Plant Scherer Data: Scherer Cell 1-CCR

	GWA-15	GWA-15
5/9/2010	<0.005	
6/18/2010	<0.005	
7/28/2010	<0.005	
9/9/2010	<0.005	
4/30/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/5/2013	<0.005	
5/20/2014	<0.005	
11/12/2014	<0.005	
5/22/2015	<0.005	
11/11/2015	<0.005	
4/6/2016	<0.005	
10/4/2016	<0.005	
4/4/2017	<0.005	
10/4/2017	<0.005	
3/20/2018	<0.005 (D)	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	0.006	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/28/2023		<0.005
8/3/2023		<0.005
3/4/2024		<0.005

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - IntraWell
Plant Scherer Data: Scherer Cell 1-CCR

	GWA-16	GWA-16
5/9/2010	<0.005	
6/16/2010	<0.005	
7/27/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/6/2013	<0.005	
5/20/2014	<0.005	
11/8/2014	<0.005	
5/22/2015	<0.005	
11/9/2015	<0.005	
4/6/2016	<0.005	
10/4/2016	<0.005	
4/4/2017	<0.005	
10/5/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	0.0047 (J)	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/28/2023		<0.005
8/3/2023		0.0035 (J)
2/28/2024		<0.005

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - IntraWell
Plant Scherer Data: Scherer Cell 1-CCR

	GWA-17	GWA-17
5/8/2010	<0.005	
6/16/2010	<0.005	
7/26/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/6/2013	<0.005	
5/20/2014	<0.005	
11/8/2014	<0.005	
5/22/2015	<0.005	
11/9/2015	<0.005	
4/6/2016	0.00274 (J)	
10/5/2016	0.0073 (J)	
4/4/2017	<0.005	
10/5/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	0.0084	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/15/2022	<0.005	
8/24/2022	<0.005	
2/28/2023		<0.005
8/3/2023		<0.005
2/28/2024		<0.005

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - IntraWell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-1	GWC-1
5/11/2010	<0.005	
6/17/2010	<0.005	
7/27/2010	<0.005	
9/9/2010	<0.005	
4/28/2011	<0.005	
10/29/2011	<0.005	
5/3/2012	<0.005	
11/9/2012	<0.005	
5/9/2013	<0.005	
11/5/2013	<0.005	
5/23/2014	<0.005	
11/13/2014	<0.005	
5/23/2015	<0.005	
11/11/2015	<0.005	
4/12/2016	<0.005	
10/4/2016	<0.005	
4/5/2017	<0.005	
10/4/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	0.0038 (J)	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/18/2021	<0.005	
2/15/2022	<0.005	
8/24/2022	0.0039 (J)	
2/27/2023		<0.005
8/9/2023		<0.005
3/1/2024		0.004 (J)

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - IntraWell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-10	GWC-10
5/10/2010	<0.005	
6/16/2010	<0.005	
7/28/2010	<0.005	
9/8/2010	<0.005	
4/29/2011	<0.005	
10/27/2011	<0.005	
5/4/2012	<0.005	
11/11/2012	<0.005	
5/9/2013	<0.005	
11/5/2013	<0.005	
5/21/2014	<0.005	
11/12/2014	<0.005	
5/23/2015	<0.005	
11/12/2015	<0.005	
4/13/2016	<0.005 (D)	
10/5/2016	<0.005	
4/6/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	<0.005	
10/2/2018	<0.005	
3/27/2019	<0.005	
9/11/2019	0.004 (J)	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
10/18/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/21/2023		<0.005
8/9/2023		<0.005
3/1/2024		<0.005

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - IntraWell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-11	GWC-11
5/10/2010	<0.005	
6/16/2010	<0.005	
7/27/2010	<0.005	
9/8/2010	<0.005	
4/29/2011	<0.005	
10/27/2011	<0.005	
5/4/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/20/2014	<0.005	
11/12/2014	<0.005	
5/24/2015	<0.005	
11/12/2015	<0.005	
4/13/2016	0.00241 (JD)	
10/5/2016	<0.005	
4/6/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	0.007 (J)	
10/2/2018	0.022 (O)	
3/27/2019	<0.005	
9/11/2019	0.0072	
3/18/2020	<0.005	
9/10/2020	0.018	
4/1/2021	0.0034 (J)	
8/11/2021	<0.005	
2/16/2022	0.0034 (J)	
8/25/2022	<0.005	
2/27/2023		<0.005
8/9/2023		<0.005
2/29/2024		0.0036 (J)

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - IntraWell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-12	GWC-12
5/9/2010	<0.005	
6/18/2010	<0.005	
7/27/2010	<0.005	
9/8/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/3/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/20/2014	<0.005	
11/12/2014	<0.005	
5/23/2015	<0.005	
11/12/2015	<0.005	
4/13/2016	0.00409 (JD)	
10/5/2016	<0.005	
4/5/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	<0.005 (D)	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/11/2019	0.0065	
3/18/2020	0.005	
9/10/2020	0.0037 (J)	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/16/2022	0.0032 (J)	
8/26/2022	<0.005	
2/27/2023		<0.005
8/9/2023		<0.005
2/29/2024		<0.005

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - IntraWell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-13	GWC-13
5/9/2010	<0.005	
6/18/2010	<0.005	
7/29/2010	<0.005	
9/9/2010	<0.005	
4/26/2011	<0.005	
10/28/2011	<0.005	
5/4/2012	<0.005	
11/11/2012	<0.005	
5/8/2013	<0.005	
11/7/2013	<0.005	
5/20/2014	<0.005	
11/12/2014	<0.005	
5/24/2015	<0.005	
11/12/2015	<0.005	
4/13/2016	0.00289 (JD)	
10/7/2016	<0.005	
4/6/2017	<0.005	
10/6/2017	0.0071 (J)	
3/22/2018	<0.005	
10/3/2018	<0.005	
3/26/2019	<0.005	
9/11/2019	0.0085	
3/18/2020	0.0052	
9/10/2020	0.0038 (J)	
4/6/2021	0.004 (J)	
8/11/2021	<0.005	
2/16/2022	0.004 (J)	
8/26/2022	<0.005	
2/27/2023		<0.005
8/9/2023		0.0031 (J)
3/1/2024		<0.005

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - IntraWell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-14	GWC-14
5/9/2010	<0.005	
6/18/2010	<0.005	
7/28/2010	<0.005	
9/9/2010	<0.005	
4/30/2011	<0.005	
10/28/2011	<0.005	
5/3/2012	<0.005	
11/10/2012	<0.005	
5/8/2013	<0.005	
11/5/2013	<0.005	
5/20/2014	<0.005	
11/12/2014	<0.005	
5/24/2015	<0.005	
11/11/2015	<0.005	
4/13/2016	<0.005 (D)	
10/4/2016	<0.005	
4/6/2017	<0.005	
10/5/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/11/2019	0.0038 (J)	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/16/2022	<0.005	
8/26/2022	<0.005	
2/27/2023		<0.005
8/9/2023		<0.005
3/1/2024		0.024

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - IntraWell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-18	GWC-18
5/10/2010	<0.005	
6/16/2010	<0.005	
7/26/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/6/2013	<0.005	
5/23/2014	<0.005	
11/8/2014	<0.005	
5/22/2015	<0.005	
11/10/2015	<0.005	
4/11/2016	<0.005	
10/5/2016	<0.005	
4/6/2017	<0.005	
10/5/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/11/2019	0.0077	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/16/2022	<0.005	
8/25/2022	<0.005	
2/28/2023		<0.005
8/9/2023		<0.005
2/29/2024		0.0032 (J)

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - IntraWell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-19	GWC-19
5/11/2010	<0.005	
6/16/2010	<0.005	
7/27/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/22/2014	<0.005	
11/8/2014	<0.005	
5/23/2015	<0.005	
11/10/2015	<0.005	
4/11/2016	<0.005	
10/5/2016	0.0085 (O)	
4/5/2017	<0.005	
10/5/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/12/2019	0.0059	
3/19/2020	<0.005	
9/9/2020	<0.005	
4/5/2021	<0.005	
8/11/2021	<0.005	
2/16/2022	<0.005	
8/25/2022	<0.005	
2/28/2023		<0.005
8/8/2023		<0.005
2/29/2024		<0.005

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - IntraWell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-2	GWC-2
5/11/2010	<0.005	
6/19/2010	<0.005	
7/27/2010	<0.005	
9/9/2010	<0.005	
4/28/2011	<0.005	
10/28/2011	<0.005	
5/3/2012	<0.005	
11/9/2012	<0.005	
5/9/2013	<0.005	
11/5/2013	<0.005	
5/22/2014	<0.005	
11/13/2014	<0.005	
5/24/2015	<0.005	
11/11/2015	<0.005	
4/12/2016	<0.005	
10/4/2016	<0.005	
4/6/2017	<0.005	
10/4/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	0.004 (J)	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	0.01	
8/12/2021	<0.005	
2/15/2022	<0.005	
8/26/2022	<0.005	
2/27/2023		<0.005
8/9/2023		0.0046 (J)
3/1/2024		<0.005

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - IntraWell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-20	GWC-20
5/11/2010	<0.005	
6/17/2010	<0.005	
7/27/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/3/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/22/2014	<0.005	
11/9/2014	<0.005	
5/24/2015	<0.005	
11/10/2015	<0.005	
4/12/2016	<0.005	
10/5/2016	<0.005	
4/6/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	<0.005	
10/3/2018	<0.005	
3/26/2019	<0.005	
9/12/2019	0.0065	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/5/2021	<0.005	
8/11/2021	<0.005	
2/16/2022	<0.005	
8/25/2022	0.0063	
2/28/2023		<0.005
8/8/2023		<0.005
3/1/2024		<0.005

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - IntraWell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-3	GWC-3
5/11/2010	0.018 (O)	
6/17/2010	<0.005	
7/28/2010	0.016 (O)	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/3/2012	<0.005	
11/9/2012	<0.005	
5/10/2013	<0.005	
11/6/2013	<0.005	
5/22/2014	<0.005	
11/9/2014	<0.005	
5/22/2015	<0.005	
11/10/2015	<0.005	
4/12/2016	<0.005 (D)	
10/5/2016	0.01 (O)	
4/6/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	<0.005	
10/3/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	0.0069	
3/18/2020	<0.005	
9/10/2020	<0.005	
4/6/2021	<0.005	
8/12/2021	0.0035 (J)	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/28/2023		<0.005
8/9/2023		<0.005
3/4/2024		<0.005

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - IntraWell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-4	GWC-4
5/11/2010	<0.005	
6/17/2010	<0.005	
7/28/2010	<0.005	
9/8/2010	<0.005	
4/28/2011	<0.005	
10/29/2011	<0.005	
5/3/2012	<0.005	
11/10/2012	<0.005	
5/10/2013	<0.005	
11/6/2013	<0.005	
5/22/2014	<0.005	
11/9/2014	<0.005	
5/22/2015	<0.005	
11/11/2015	<0.005	
4/12/2016	0.00203 (J)	
10/6/2016	<0.005	
4/6/2017	<0.005	
10/6/2017	<0.005	
3/21/2018	<0.005	
10/3/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	0.006	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/2/2021	<0.005	
8/12/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/27/2023		<0.005
8/8/2023		<0.005
2/29/2024		<0.005

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - IntraWell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-5	GWC-5
5/11/2010	<0.005	
6/18/2010	<0.005	
7/27/2010	<0.005	
9/9/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/4/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/22/2014	<0.005	
11/9/2014	<0.005	
5/24/2015	<0.005	
11/11/2015	0.0089 (J)	
4/19/2016	0.0133 (O)	
10/6/2016	<0.005	
4/6/2017	0.0087 (J)	
10/5/2017	0.0078 (J)	
3/22/2018	0.0086 (J)	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/11/2019	0.0074	
3/18/2020	0.0045 (J)	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/12/2021	0.0034 (J)	
2/15/2022	0.0034 (J)	
8/25/2022	<0.005	
2/28/2023		<0.005
8/8/2023		<0.005
2/29/2024		<0.005

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - IntraWell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-6	GWC-6
5/11/2010	<0.005	
6/18/2010	<0.005	
7/27/2010	<0.005	
9/9/2010	<0.005	
4/30/2011	<0.005	
10/29/2011	<0.005	
5/4/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/7/2013	<0.005	
5/21/2014	<0.005	
11/9/2014	<0.005	
5/24/2015	<0.005	
11/11/2015	<0.005	
4/12/2016	<0.005	
10/6/2016	<0.005	
4/6/2017	<0.005	
10/6/2017	<0.005	
3/21/2018	<0.005	
10/3/2018	<0.005	
3/26/2019	<0.005	
9/11/2019	0.0062	
3/18/2020	<0.005	
9/10/2020	<0.005	
4/5/2021	<0.005	
8/11/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/27/2023		<0.005
8/8/2023		<0.005
2/29/2024		<0.005

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - IntraWell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-7	GWC-7
5/10/2010	<0.005	
6/18/2010	<0.005	
7/28/2010	<0.005	
9/9/2010	<0.005	
4/30/2011	<0.005	
10/29/2011	<0.005	
5/4/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/7/2013	<0.005	
5/21/2014	<0.005	
11/12/2014	<0.005	
5/24/2015	<0.005	
11/11/2015	<0.005	
4/13/2016	<0.005 (D)	
10/6/2016	<0.005	
4/7/2017	<0.005	
10/6/2017	<0.005	
3/22/2018	<0.005	
10/4/2018	<0.005	
3/27/2019	<0.005	
9/11/2019	0.0074	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/15/2022	0.0037 (J)	
8/25/2022	<0.005	
2/27/2023		<0.005
8/8/2023		<0.005
2/29/2024		<0.005

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - Intravel
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-8A	GWC-8A
5/10/2010	<0.005	
6/19/2010	0.0081 (J)	
7/28/2010	0.017 (J)	
9/8/2010	0.085	
4/30/2011	0.13 (O)	
10/27/2011	0.03	
5/4/2012	0.029	
11/11/2012	0.046	
5/10/2013	0.23 (O)	
11/7/2013	0.028	
5/21/2014	0.015 (J)	
11/13/2014	0.13 (O)	
5/23/2015	0.059	
11/11/2015	0.079	
4/19/2016	0.0218	
10/10/2016	0.013 (J)	
4/7/2017	<0.005	
10/9/2017	<0.005	
3/22/2018	<0.005	
10/4/2018	<0.005	
3/27/2019	<0.005	
9/11/2019	0.0052	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/5/2021	<0.005	
8/12/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/27/2023		0.016
8/8/2023		<0.005
2/29/2024		<0.005

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 3/29/2024 11:44 AM View: Appendix I - IntraWell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-9	GWC-9
5/10/2010	<0.005	
6/16/2010	<0.005	
7/27/2010	<0.005	
9/8/2010	<0.005	
4/29/2011	<0.005	
10/27/2011	<0.005	
5/3/2012	<0.005	
11/11/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/21/2014	<0.005	
11/12/2014	<0.005	
5/23/2015	<0.005	
11/12/2015	<0.005	
4/13/2016	<0.005 (D)	
10/6/2016	<0.005	
4/6/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	<0.005	
10/2/2018	<0.005	
3/27/2019	<0.005	
9/11/2019	0.0037 (J)	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/12/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/27/2023		<0.005
8/8/2023		<0.005
3/1/2024		<0.005

FIGURE E.

Appendix III Intrawell Prediction Limits - Significant Results

Plant Scherer Data: Scherer Cell 1-CCR Printed 3/29/2024, 12:02 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NB	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Calcium (mg/L)	GWA-16	14.22	n/a	2/28/2024	15	Yes	19	11.57	1.07	0	None	No	0.0004426	Param Intra	1 of 2
Calcium (mg/L)	GWC-19	15.99	n/a	2/29/2024	19	Yes	15	11.46	1.718	0	None	No	0.0004426	Param Intra	1 of 2
Calcium (mg/L)	GWC-20	15.76	n/a	3/1/2024	17	Yes	19	184.5	25.79	0	None	x^2	0.0004426	Param Intra	1 of 2
Calcium (mg/L)	GWC-4	17.6	n/a	2/29/2024	31	Yes	19	13	1.856	0	None	No	0.0004426	Param Intra	1 of 2
Calcium (mg/L)	GWC-6	19.5	n/a	2/29/2024	20	Yes	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality)	1 of 2
Calcium (mg/L)	GWC-7	16	n/a	2/29/2024	17	Yes	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality)	1 of 2
Calcium (mg/L)	GWC-8A	45.47	n/a	2/29/2024	49	Yes	10	25.9	6.402	0	None	No	0.0004426	Param Intra	1 of 2
Chloride (mg/L)	GWC-11	2.071	n/a	2/29/2024	2.2	Yes	19	1.778	0.1181	0	None	No	0.0004426	Param Intra	1 of 2
Chloride (mg/L)	GWC-12	2.153	n/a	2/29/2024	2.3	Yes	19	1.331	0.0551	0	None	sqrt(x)	0.0004426	Param Intra	1 of 2
Chloride (mg/L)	GWC-14	3.819	n/a	3/1/2024	4.7	Yes	19	3.022	0.3219	0	None	No	0.0004426	Param Intra	1 of 2
Chloride (mg/L)	GWC-18	3.018	n/a	2/29/2024	3.2	Yes	19	2.575	0.1785	0	None	No	0.0004426	Param Intra	1 of 2
Chloride (mg/L)	GWC-19	2.8	n/a	2/29/2024	3.1	Yes	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality)	1 of 2
Chloride (mg/L)	GWC-20	2.33	n/a	3/1/2024	2.5	Yes	19	15.49	5.649	5.263	None	x^4	0.0004426	Param Intra	1 of 2
Chloride (mg/L)	GWC-4	16.42	n/a	2/29/2024	21	Yes	19	8.083	3.363	0	None	No	0.0004426	Param Intra	1 of 2
Chloride (mg/L)	GWC-7	3	n/a	2/29/2024	4.8	Yes	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality)	1 of 2
Chloride (mg/L)	GWC-9	4.596	n/a	3/1/2024	5.2	Yes	19	3.639	0.3861	0	None	No	0.0004426	Param Intra	1 of 2
pH (S.U.)	GWA-17	6.376	5.66	2/28/2024	6.41	Yes	22	6.018	0.149	0	None	No	0.0002213	Param Intra	1 of 2
pH (S.U.)	GWC-20	6.713	6.333	3/1/2024	6.73	Yes	25	6.523	0.08092	0	None	No	0.0002213	Param Intra	1 of 2
pH (S.U.)	GWC-5	6.238	5.374	2/29/2024	6.25	Yes	23	5.806	0.1811	0	None	No	0.0002213	Param Intra	1 of 2
pH (S.U.)	GWC-7	6.42	5.96	2/29/2024	6.57	Yes	21	n/a	n/a	0	n/a	n/a	0.007998	NP Intra (normality)	1 of 2
Sulfate (mg/L)	GWC-10	1.2	n/a	3/1/2024	4.7	Yes	11	n/a	n/a	27.27	n/a	n/a	0.01276	NP Intra (normality)	1 of 2
Sulfate (mg/L)	GWC-18	1	n/a	2/29/2024	1.8	Yes	19	n/a	n/a	84.21	n/a	n/a	0.004832	NP Intra (NDs)	1 of 2
Sulfate (mg/L)	GWC-2	1.1	n/a	3/1/2024	1.2	Yes	19	n/a	n/a	57.89	n/a	n/a	0.004832	NP Intra (NDs)	1 of 2
Sulfate (mg/L)	GWC-3	1.1	n/a	3/4/2024	10	Yes	19	n/a	n/a	57.89	n/a	n/a	0.004832	NP Intra (NDs)	1 of 2
Sulfate (mg/L)	GWC-4	6.288	n/a	2/29/2024	84	Yes	15	2.937	1.27	0	None	No	0.0004426	Param Intra	1 of 2
Sulfate (mg/L)	GWC-6	17.05	n/a	2/29/2024	25	Yes	19	10.62	2.592	0	None	No	0.0004426	Param Intra	1 of 2
Sulfate (mg/L)	GWC-7	1	n/a	2/29/2024	1.5	Yes	19	n/a	n/a	78.95	n/a	n/a	0.004832	NP Intra (NDs)	1 of 2
Total Dissolved Solids (mg/L)	GWC-4	178.1	n/a	2/29/2024	260	Yes	19	123.4	22.1	0	None	No	0.0004426	Param Intra	1 of 2

Appendix III Intrawell Prediction Limits - All Results

Plant Scherer Data: Scherer Cell 1-CCR Printed 3/29/2024, 12:02 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg NBg	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	GWA-15	0.08	n/a	3/4/2024	0.08ND	No	19	n/a	n/a	100	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-17	0.08	n/a	2/28/2024	0.08ND	No	19	n/a	n/a	94.74	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-1	0.08	n/a	3/1/2024	0.08ND	No	19	n/a	n/a	94.74	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-10	0.11	n/a	3/1/2024	0.08ND	No	20	n/a	n/a	90	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-12	0.08	n/a	2/29/2024	0.024J	No	19	n/a	n/a	100	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-13	0.08	n/a	3/1/2024	0.08ND	No	19	n/a	n/a	94.74	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-2	0.08	n/a	3/1/2024	0.023J	No	19	n/a	n/a	100	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-20	0.12	n/a	3/1/2024	0.025J	No	20	n/a	n/a	95	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-3	0.08	n/a	3/4/2024	0.08ND	No	19	n/a	n/a	94.74	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-5	0.4324	n/a	2/29/2024	0.17	No	8	0.2425	0.05471	0	None	No	0.0004426	Param Intra 1 of 2
Boron (mg/L)	GWC-6	0.08	n/a	2/29/2024	0.08ND	No	19	n/a	n/a	89.47	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-7	0.08	n/a	2/29/2024	0.08ND	No	19	n/a	n/a	94.74	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-8A	0.3066	n/a	2/29/2024	0.15	No	18	0.1836	0.04898	0	None	No	0.0004426	Param Intra 1 of 2
Boron (mg/L)	GWC-9	0.1361	n/a	3/1/2024	0.085	No	19	0.08772	0.01951	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWA-15	5.375	n/a	3/4/2024	3.8	No	19	4.201	0.4735	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWA-16	14.22	n/a	2/28/2024	15	Yes	19	11.57	1.07	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWA-17	9.115	n/a	2/28/2024	9	No	19	6.878	0.9026	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-1	20.21	n/a	3/1/2024	18	No	19	17.15	1.234	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-10	21.73	n/a	3/1/2024	20	No	19	17.16	1.845	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-11	14.93	n/a	2/29/2024	14	No	19	12.76	0.8783	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-12	1.519	n/a	2/29/2024	1.4	No	19	1.042	0.07706	0	None	sqrt(x)	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-13	8.877	n/a	3/1/2024	7.6	No	19	1.874	0.0794	0	None	x^(1/3)	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-14	7.642	n/a	3/1/2024	7.6	No	19	6.478	0.4694	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-18	11.6	n/a	2/29/2024	11	No	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality) 1 of 2
Calcium (mg/L)	GWC-19	15.99	n/a	2/29/2024	19	Yes	15	11.46	1.718	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-2	20.12	n/a	3/1/2024	18	No	19	17.25	1.158	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-20	15.76	n/a	3/1/2024	17	Yes	19	184.5	25.79	0	None	x^2	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-3	10.81	n/a	3/4/2024	8.9	No	19	7.627	1.286	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-4	17.6	n/a	2/29/2024	31	Yes	19	13	1.856	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-5	170	n/a	2/29/2024	30	No	10	7.514	1.807	0	None	sqrt(x)	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-6	19.5	n/a	2/29/2024	20	Yes	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality) 1 of 2
Calcium (mg/L)	GWC-7	16	n/a	2/29/2024	17	Yes	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality) 1 of 2
Calcium (mg/L)	GWC-8A	45.47	n/a	2/29/2024	49	Yes	10	25.9	6.402	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-9	21	n/a	3/1/2024	20	No	20	n/a	n/a	0	n/a	n/a	0.004291	NP Intra (normality) 1 of 2
Chloride (mg/L)	GWA-15	7.2	n/a	3/4/2024	5.6	No	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality) 1 of 2
Chloride (mg/L)	GWA-16	2.057	n/a	2/28/2024	1.6	No	19	1.286	0.05984	0	None	sqrt(x)	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWA-17	2.018	n/a	2/28/2024	1.4	No	19	1.536	0.1945	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-1	4.687	n/a	3/1/2024	4.2	No	19	3.864	0.3318	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-10	5	n/a	3/1/2024	5	No	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality) 1 of 2
Chloride (mg/L)	GWC-11	2.071	n/a	2/29/2024	2.2	Yes	19	1.778	0.1181	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-12	2.153	n/a	2/29/2024	2.3	Yes	19	1.331	0.0551	0	None	sqrt(x)	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-13	1.945	n/a	3/1/2024	1.8	No	19	1.559	0.1557	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-14	3.819	n/a	3/1/2024	4.7	Yes	19	3.022	0.3219	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-18	3.018	n/a	2/29/2024	3.2	Yes	19	2.575	0.1785	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-19	2.8	n/a	2/29/2024	3.1	Yes	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality) 1 of 2
Chloride (mg/L)	GWC-2	2.7	n/a	3/1/2024	2.5	No	19	2.165	0.2156	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-20	2.33	n/a	3/1/2024	2.5	Yes	19	15.49	5.649	5.263	None	x^4	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-3	3.909	n/a	3/4/2024	3	No	19	3.144	0.3088	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-4	16.42	n/a	2/29/2024	21	Yes	19	8.083	3.363	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-5	66.16	n/a	2/29/2024	8.2	No	9	23.74	12.99	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-6	8.555	n/a	2/29/2024	7	No	18	6.078	0.9867	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-7	3	n/a	2/29/2024	4.8	Yes	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality) 1 of 2
Chloride (mg/L)	GWC-8A	10.75	n/a	2/29/2024	8.1	No	18	1.972	0.09371	0	None	x^(1/3)	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-9	4.596	n/a	3/1/2024	5.2	Yes	19	3.639	0.3861	0	None	No	0.0004426	Param Intra 1 of 2
Fluoride (mg/L)	GWA-15	0.1	n/a	3/4/2024	0.1ND	No	19	n/a	n/a	78.95	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2

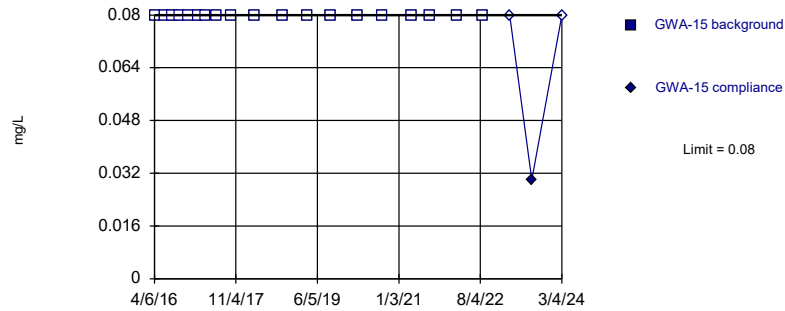
Appendix III Intrawell Prediction Limits - All Results

Plant Scherer Data: Scherer Cell 1-CCR Printed 3/29/2024, 12:02 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBg	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Sulfate (mg/L)	GWC-6	17.05	n/a	2/29/2024	25	Yes	19	10.62	2.592	0	None	No	0.0004426	Param Intra 1 of 2	
Sulfate (mg/L)	GWC-7	1	n/a	2/29/2024	1.5	Yes	19	n/a	n/a	78.95	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2	
Sulfate (mg/L)	GWC-8A	53.18	n/a	2/29/2024	18	No	18	28.21	9.948	0	None	No	0.0004426	Param Intra 1 of 2	
Sulfate (mg/L)	GWC-9	18.9	n/a	3/1/2024	17	No	19	3.156	0.4807	0	None	sqrt(x)	0.0004426	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWA-15	87.07	n/a	3/4/2024	41	No	19	40.21	18.91	10.53	None	No	0.0004426	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWA-16	150.1	n/a	2/28/2024	100	No	19	96.53	21.6	0	None	No	0.0004426	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWA-17	132.9	n/a	2/28/2024	85	No	19	71	24.98	0	None	No	0.0004426	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWC-1	167.9	n/a	3/1/2024	150	No	19	132.5	14.28	0	None	No	0.0004426	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWC-10	187.5	n/a	3/1/2024	150	No	18	133.7	21.41	0	None	No	0.0004426	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWC-11	143.4	n/a	2/29/2024	110	No	18	100.2	17.2	0	None	No	0.0004426	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWC-12	107.1	n/a	2/29/2024	32	No	19	2.621	0.8282	21.05	Kaplan-Meier	ln(x)	0.0004426	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWC-13	113.1	n/a	3/1/2024	74	No	18	60.17	21.09	0	None	No	0.0004426	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWC-14	103.2	n/a	3/1/2024	63	No	19	56.63	18.81	0	None	No	0.0004426	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWC-18	129.2	n/a	2/29/2024	96	No	19	85.53	17.63	0	None	No	0.0004426	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWC-19	172.7	n/a	2/29/2024	130	No	19	98.16	30.06	0	None	No	0.0004426	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWC-2	177.4	n/a	3/1/2024	140	No	19	15383	6489	0	None	x^2	0.0004426	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWC-20	149	n/a	3/1/2024	130	No	19	106.5	17.15	0	None	No	0.0004426	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWC-3	116.5	n/a	3/4/2024	99	No	19	80	14.73	0	None	No	0.0004426	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWC-4	178.1	n/a	2/29/2024	260	Yes	19	123.4	22.1	0	None	No	0.0004426	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWC-5	1348	n/a	2/29/2024	190	No	10	7.445	1.178	0	None	x^(1/3)	0.0004426	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWC-6	183	n/a	2/29/2024	160	No	19	146.4	14.75	0	None	No	0.0004426	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWC-7	160.2	n/a	2/29/2024	130	No	19	119.8	16.3	0	None	No	0.0004426	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWC-8A	425.3	n/a	2/29/2024	270	No	17	15.22	2.125	0	None	sqrt(x)	0.0004426	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWC-9	201.4	n/a	3/1/2024	160	No	19	20889	7938	0	None	x^2	0.0004426	Param Intra 1 of 2	

Within Limit

Prediction Limit
Intrawell Non-parametric

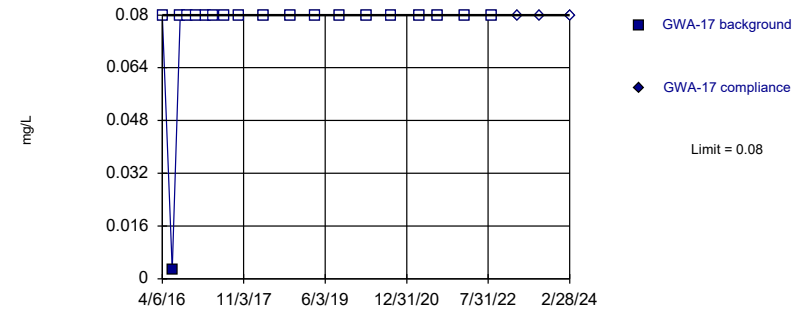


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 19) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Boron Analysis Run 3/29/2024 11:57 AM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

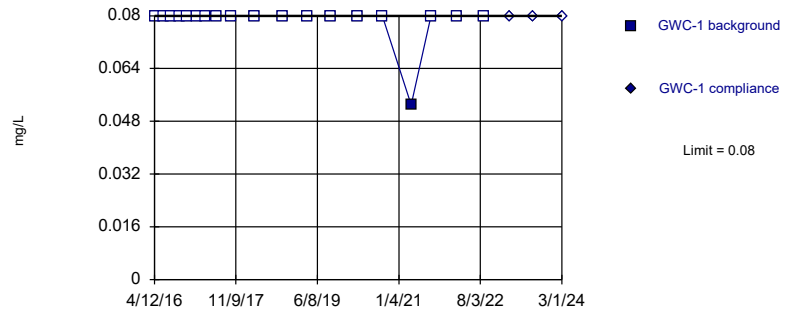


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 94.74% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Boron Analysis Run 3/29/2024 11:57 AM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

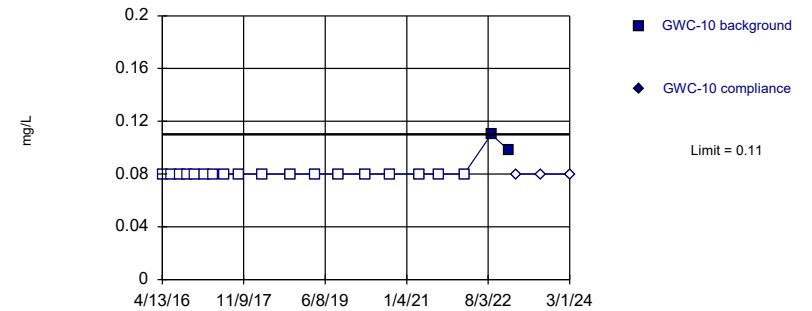


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 94.74% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Boron Analysis Run 3/29/2024 11:57 AM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

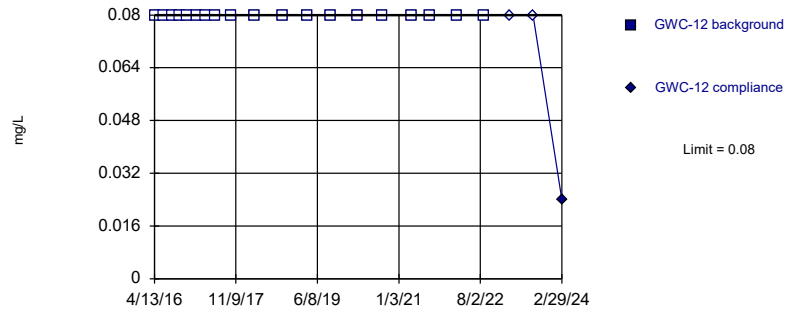


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 90% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Boron Analysis Run 3/29/2024 11:57 AM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

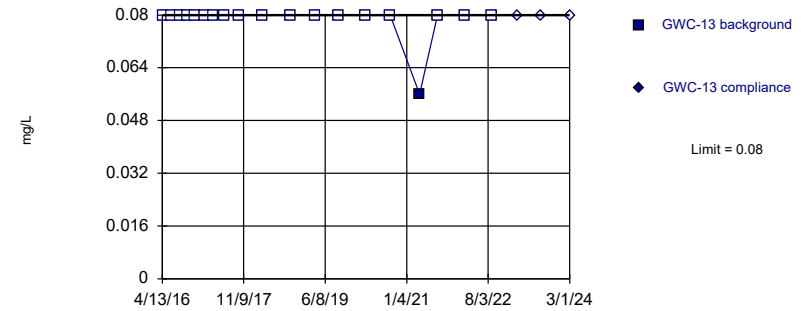


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 19) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Boron Analysis Run 3/29/2024 11:58 AM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

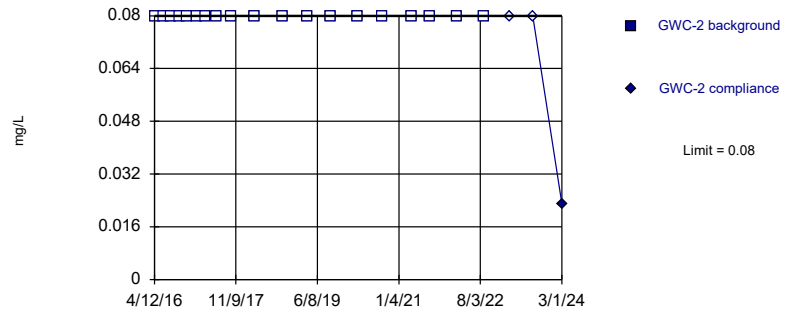


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 94.74% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Boron Analysis Run 3/29/2024 11:58 AM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

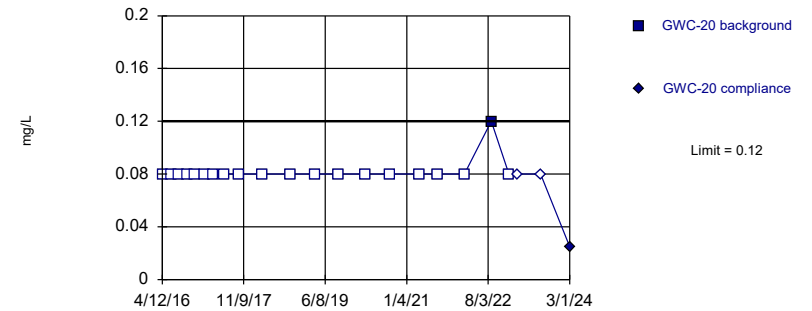


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 19) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Boron Analysis Run 3/29/2024 11:58 AM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

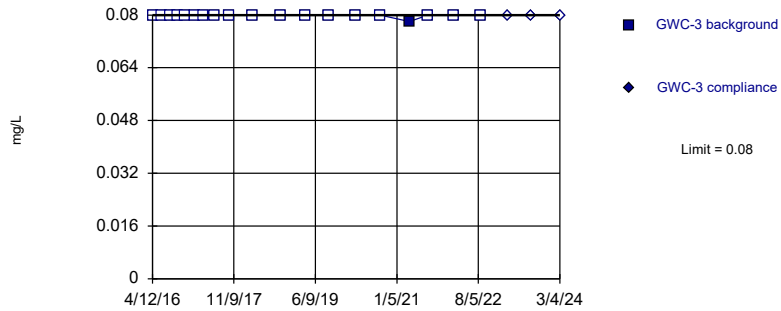


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 95% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Boron Analysis Run 3/29/2024 11:58 AM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

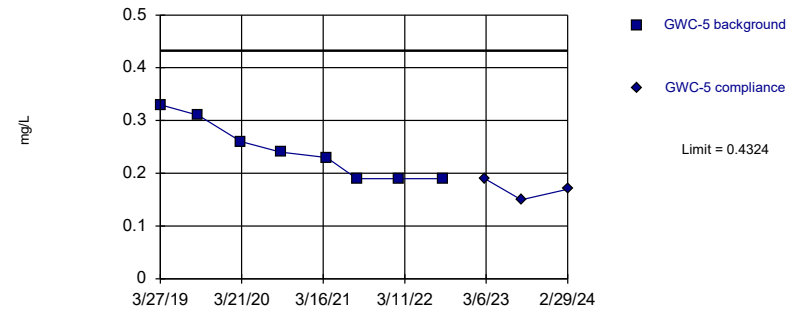


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 94.74% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Boron Analysis Run 3/29/2024 11:58 AM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

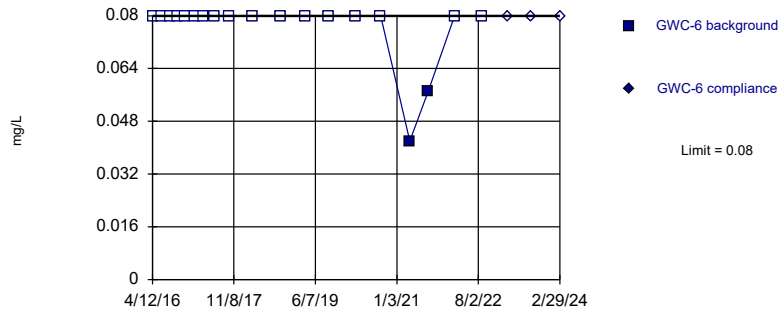


Background Data Summary: Mean=0.2425, Std. Dev.=0.05471, n=8. Normality test: Shapiro Wilk @alpha = 0.1, calculated = 0.8758, critical = 0.851. Kappa = 3.472 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Boron Analysis Run 3/29/2024 11:58 AM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

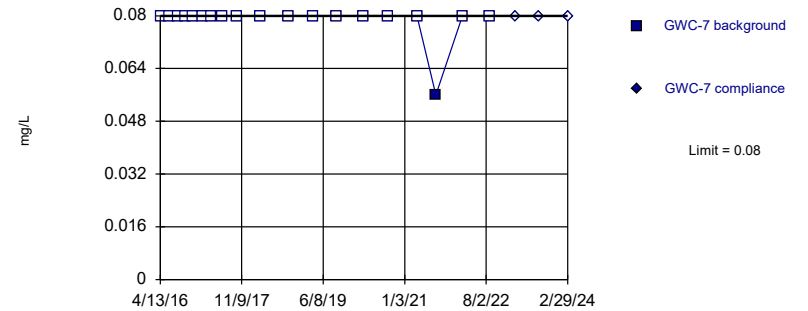


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 89.47% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Boron Analysis Run 3/29/2024 11:58 AM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

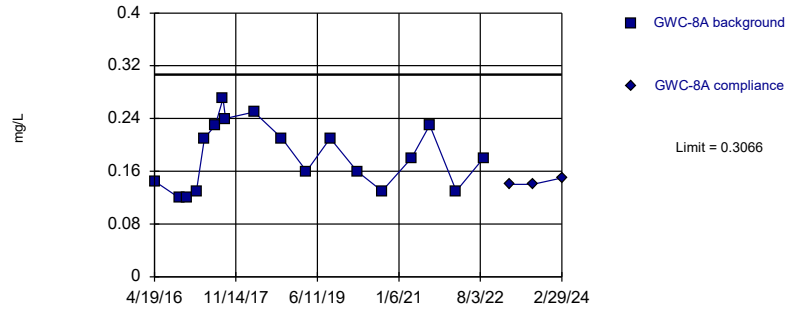
Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 94.74% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Boron Analysis Run 3/29/2024 11:58 AM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

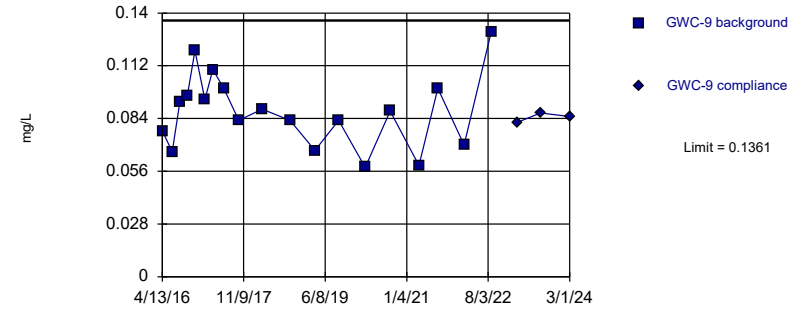
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=0.1836, Std. Dev.=0.04898, n=18. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.925, critical = 0.897. Kappa = 2.511 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Boron Analysis Run 3/29/2024 11:58 AM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

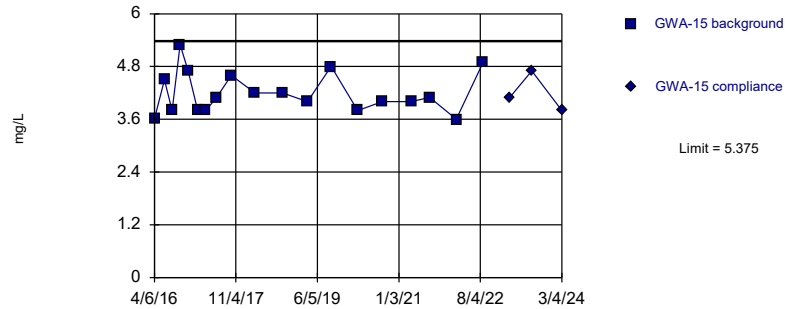
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=0.08772, Std. Dev.=0.01951, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9681, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Boron Analysis Run 3/29/2024 11:58 AM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

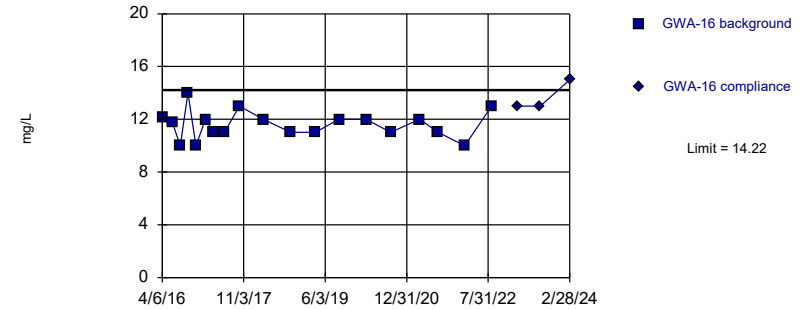
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=4.201, Std. Dev.=0.4735, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9196, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 3/29/2024 11:58 AM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Exceeds Limit Prediction Limit
Intrawell Parametric

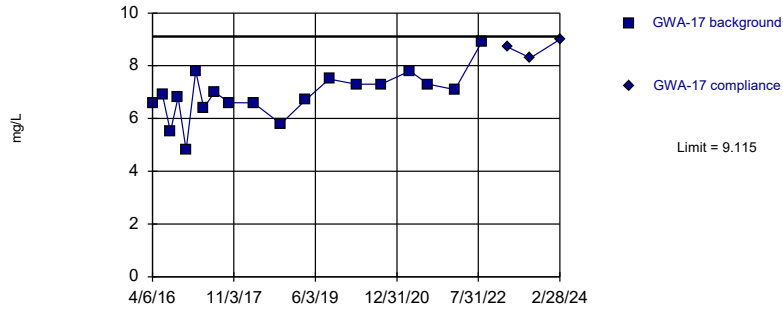


Background Data Summary: Mean=11.57, Std. Dev.=1.07, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9244, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 3/29/2024 11:58 AM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Parametric

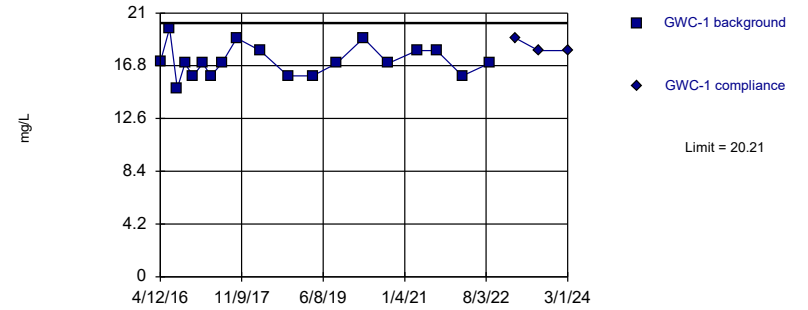


Background Data Summary: Mean=6.878, Std. Dev.=0.9026, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9622, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 3/29/2024 11:58 AM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Parametric

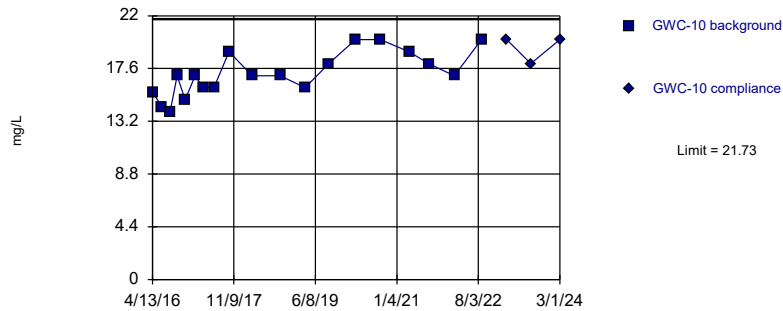


Background Data Summary: Mean=17.15, Std. Dev.=1.234, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9302, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 3/29/2024 11:58 AM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Parametric

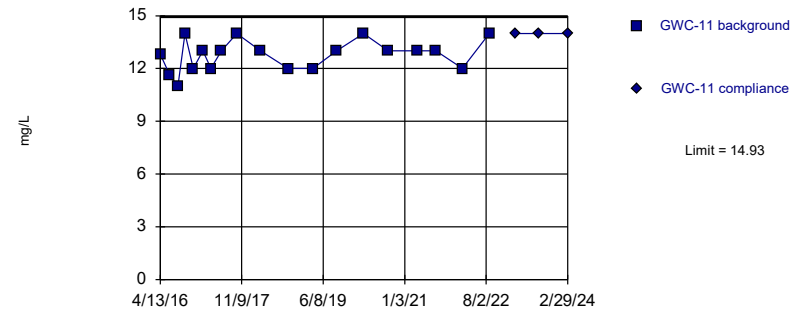


Background Data Summary: Mean=17.16, Std. Dev.=1.845, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9451, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 3/29/2024 11:58 AM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

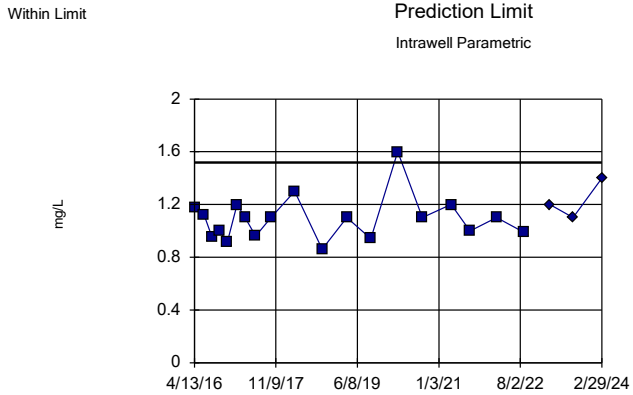
Within Limit

Prediction Limit Intrawell Parametric



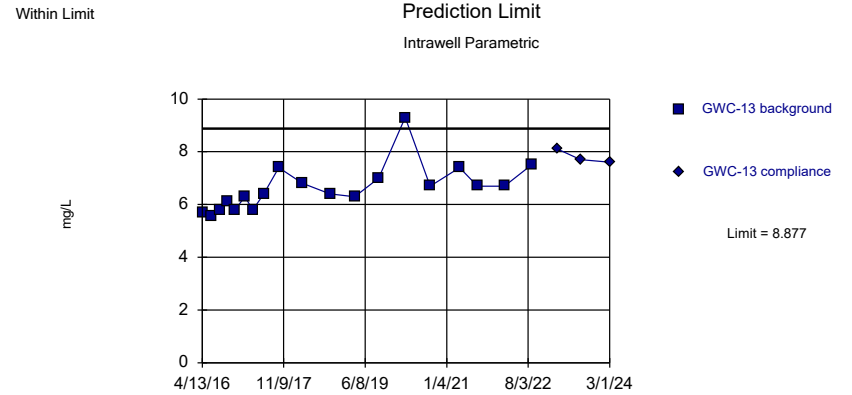
Background Data Summary: Mean=12.76, Std. Dev.=0.8783, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9018, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 3/29/2024 11:58 AM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR



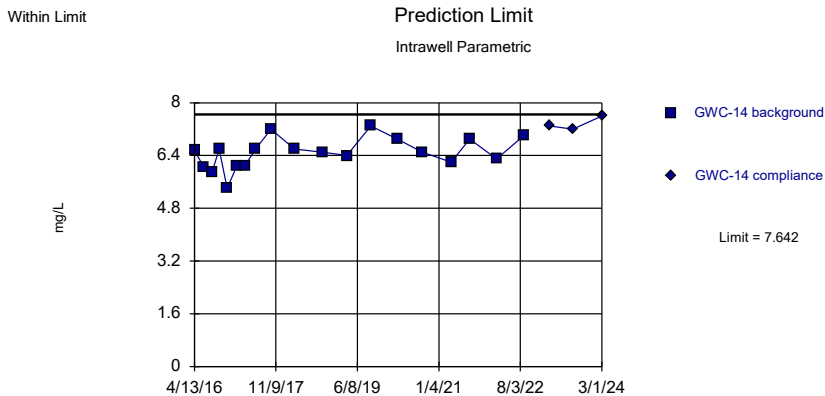
Background Data Summary (based on square root transformation): Mean=1.042, Std. Dev.=0.07706, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9047, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 3/29/2024 11:58 AM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR



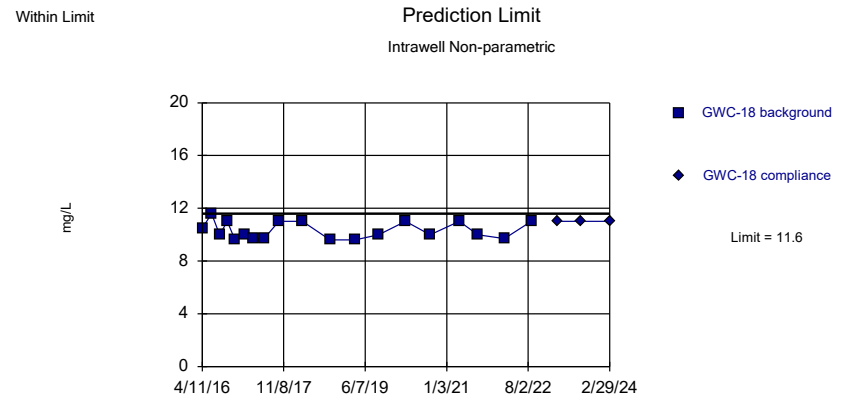
Background Data Summary (based on cube root transformation): Mean=1.874, Std. Dev.=0.0794, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9021, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 3/29/2024 11:58 AM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR



Background Data Summary: Mean=6.478, Std. Dev.=0.4694, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9768, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 3/29/2024 11:58 AM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

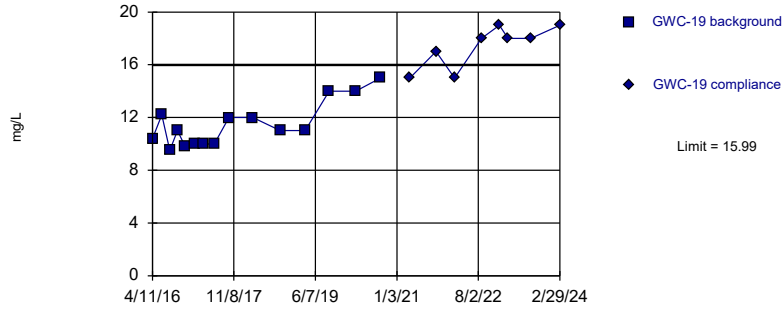


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.05 alpha level. Limit is highest of 19 background values. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Calcium Analysis Run 3/29/2024 11:58 AM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Exceeds Limit

Prediction Limit Intrawell Parametric

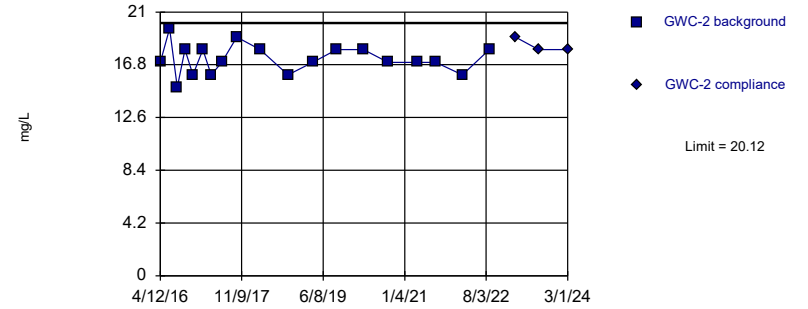


Background Data Summary: Mean=11.46, Std. Dev.=1.718, n=15. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.884, critical = 0.881. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 3/29/2024 11:58 AM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Parametric

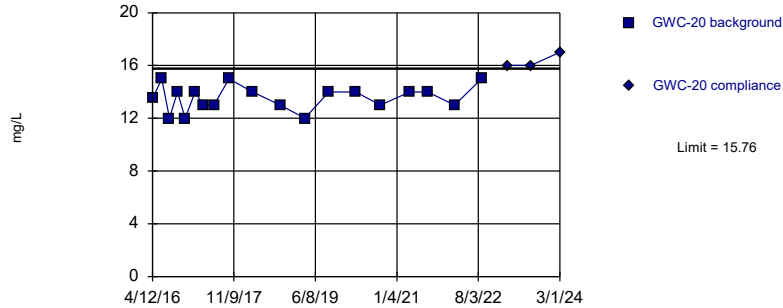


Background Data Summary: Mean=17.25, Std. Dev.=1.158, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9403, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 3/29/2024 11:58 AM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Exceeds Limit

Prediction Limit Intrawell Parametric

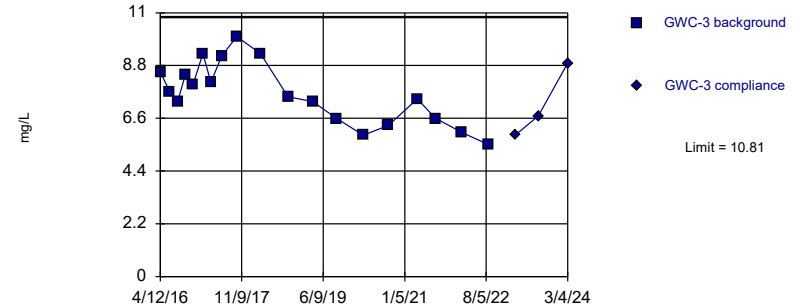


Background Data Summary (based on square transformation): Mean=184.5, Std. Dev.=25.79, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9012, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 3/29/2024 11:58 AM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

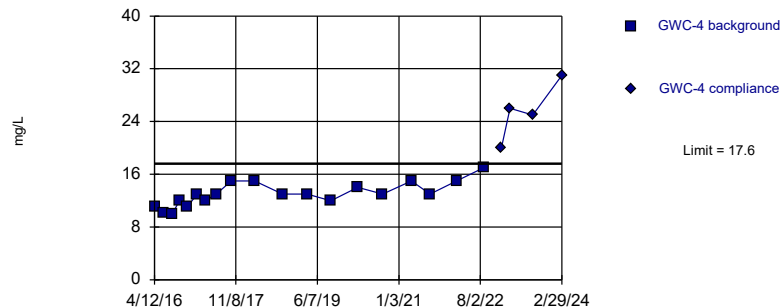
Prediction Limit Intrawell Parametric



Background Data Summary: Mean=7.627, Std. Dev.=1.286, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9704, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 3/29/2024 11:58 AM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

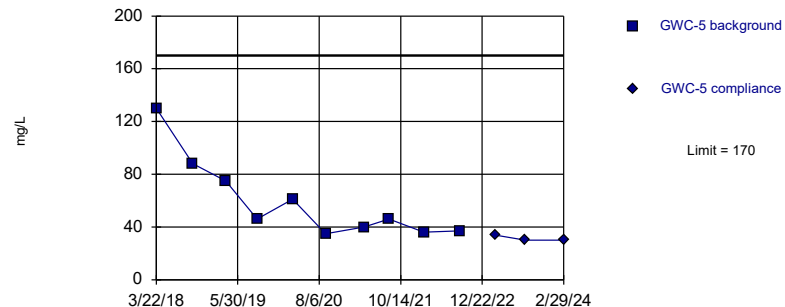
Exceeds Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=13, Std. Dev.=1.856, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9523, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 3/29/2024 11:58 AM View: Appendix III - Intrawell Plant Scherer Data: Scherer Cell 1-CCR

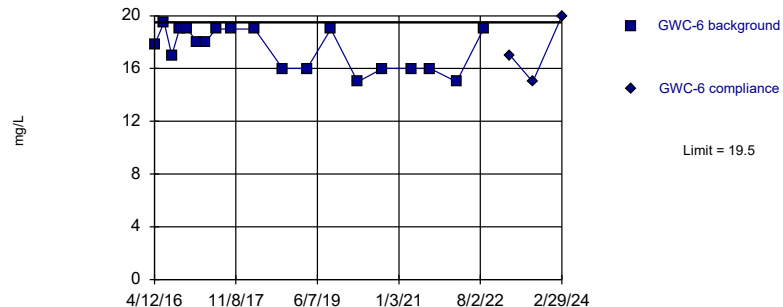
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=7.514, Std. Dev.=1.807, n=10. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.849, critical = 0.842. Kappa = 3.058 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 3/29/2024 11:58 AM View: Appendix III - Intrawell Plant Scherer Data: Scherer Cell 1-CCR

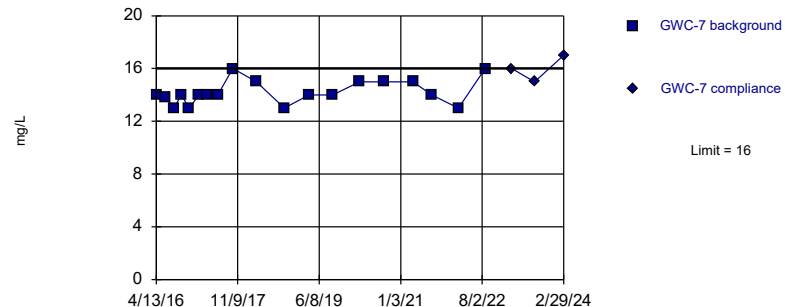
Exceeds Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.05 alpha level. Limit is highest of 19 background values. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Calcium Analysis Run 3/29/2024 11:58 AM View: Appendix III - Intrawell Plant Scherer Data: Scherer Cell 1-CCR

Exceeds Limit Prediction Limit
Intrawell Non-parametric

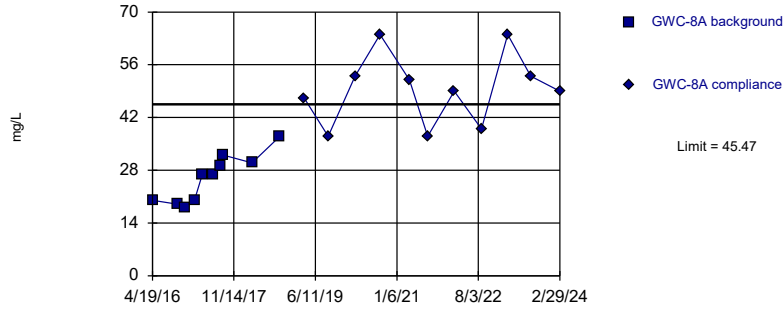


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.05 alpha level. Limit is highest of 19 background values. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Calcium Analysis Run 3/29/2024 11:58 AM View: Appendix III - Intrawell Plant Scherer Data: Scherer Cell 1-CCR

Exceeds Limit

Prediction Limit
Intrawell Parametric

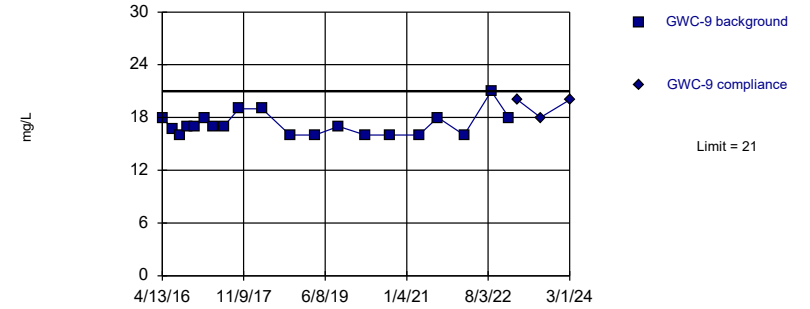


Background Data Summary: Mean=25.9, Std. Dev.=6.402, n=10. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9203, critical = 0.842. Kappa = 3.058 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 3/29/2024 11:58 AM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

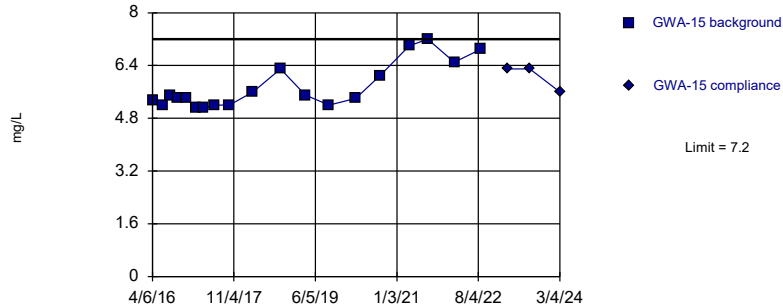


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 20 background values. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Calcium Analysis Run 3/29/2024 11:58 AM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

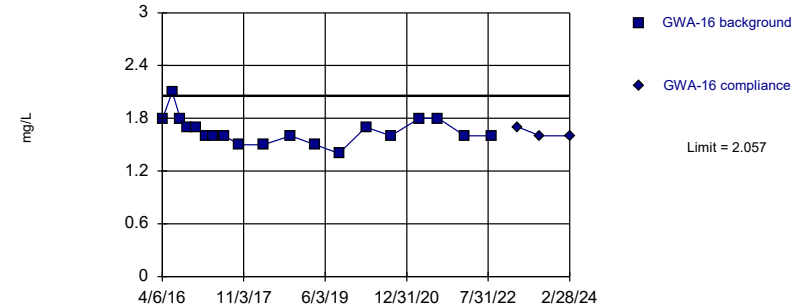


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.05 alpha level. Limit is highest of 19 background values. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Chloride Analysis Run 3/29/2024 11:58 AM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

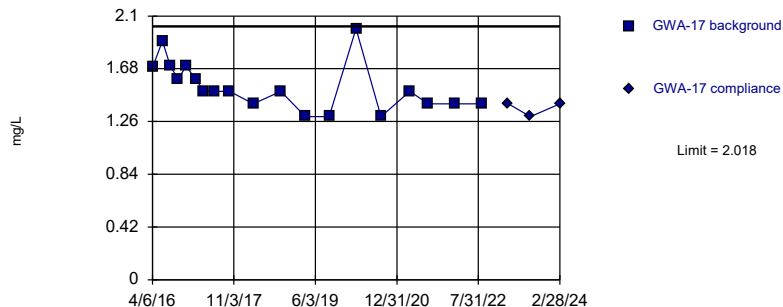
Prediction Limit
Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=1.286, Std. Dev.=0.05984, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9126, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 3/29/2024 11:58 AM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

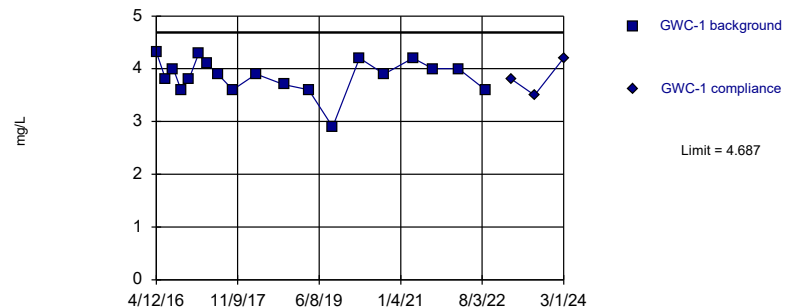
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=1.536, Std. Dev.=0.1945, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9079, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 3/29/2024 11:58 AM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

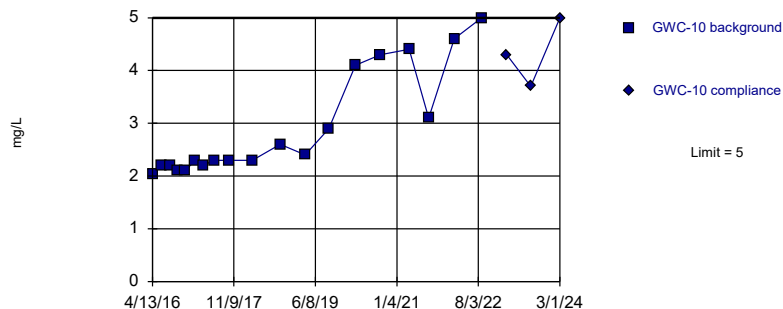
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=3.864, Std. Dev.=0.3318, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9022, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 3/29/2024 11:58 AM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

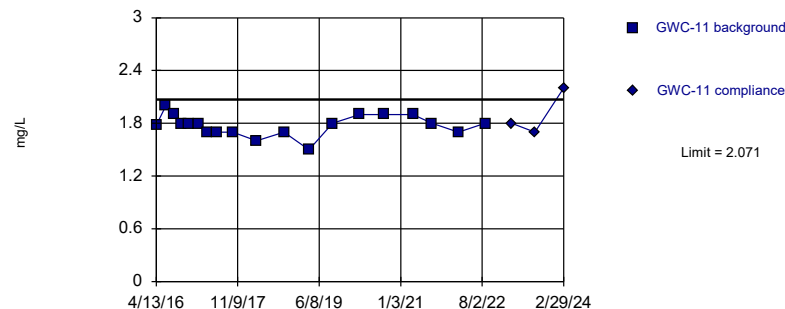
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.05 alpha level. Limit is highest of 19 background values. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Chloride Analysis Run 3/29/2024 11:58 AM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Exceeds Limit Prediction Limit
Intrawell Parametric

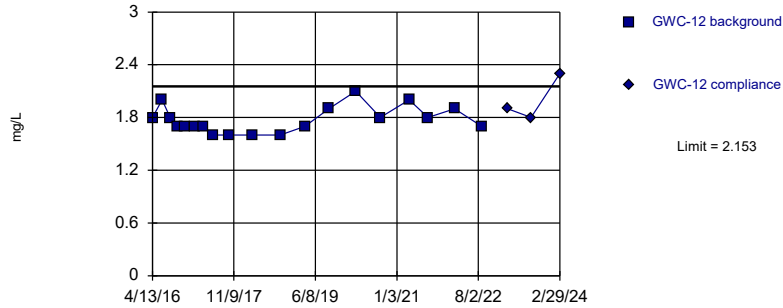


Background Data Summary: Mean=1.778, Std. Dev.=0.1181, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9399, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 3/29/2024 11:58 AM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Exceeds Limit

Prediction Limit Intrawell Parametric

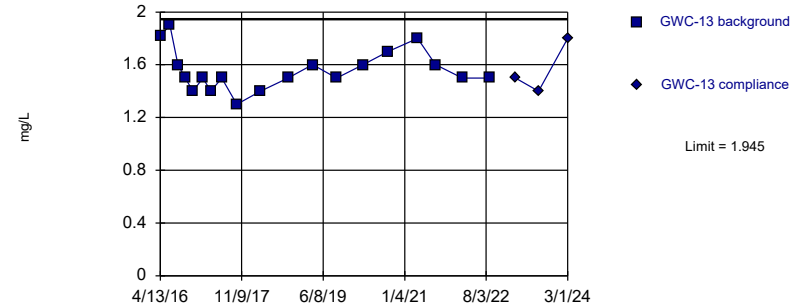


Background Data Summary (based on square root transformation): Mean=1.331, Std. Dev.=0.0551, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9056, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 3/29/2024 11:58 AM View: Appendix III - Intrawell
 Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Parametric

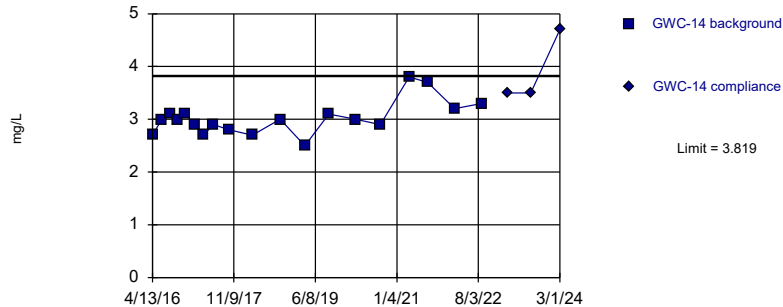


Background Data Summary: Mean=1.559, Std. Dev.=0.1557, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9182, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 3/29/2024 11:58 AM View: Appendix III - Intrawell
 Plant Scherer Data: Scherer Cell 1-CCR

Exceeds Limit

Prediction Limit Intrawell Parametric

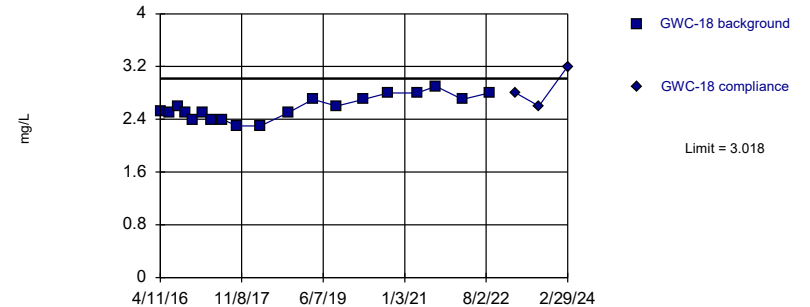


Background Data Summary: Mean=3.022, Std. Dev.=0.3219, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9091, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 3/29/2024 11:58 AM View: Appendix III - Intrawell
 Plant Scherer Data: Scherer Cell 1-CCR

Exceeds Limit

Prediction Limit Intrawell Parametric

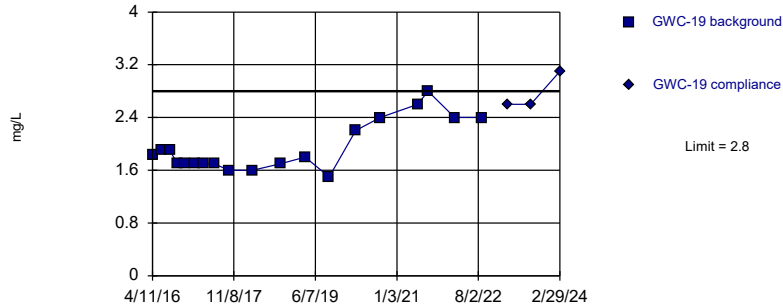


Background Data Summary: Mean=2.575, Std. Dev.=0.1785, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9483, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 3/29/2024 11:58 AM View: Appendix III - Intrawell
 Plant Scherer Data: Scherer Cell 1-CCR

Exceeds Limit

Prediction Limit
Intrawell Non-parametric

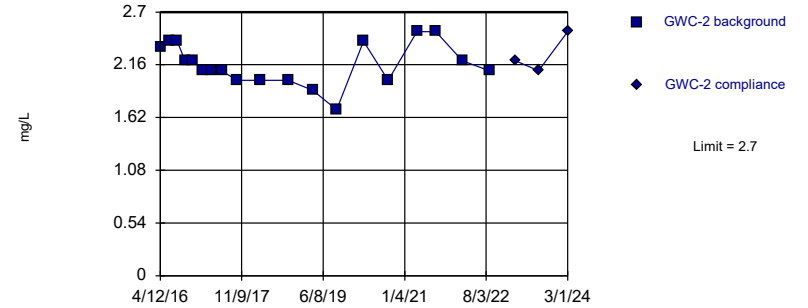


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.05 alpha level. Limit is highest of 19 background values. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Chloride Analysis Run 3/29/2024 11:58 AM View: Appendix III - Intrawell Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

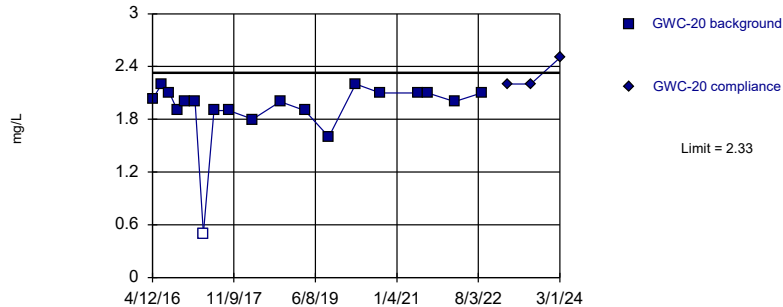


Background Data Summary: Mean=2.165, Std. Dev.=0.2156, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9482, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 3/29/2024 11:58 AM View: Appendix III - Intrawell Plant Scherer Data: Scherer Cell 1-CCR

Exceeds Limit

Prediction Limit
Intrawell Parametric

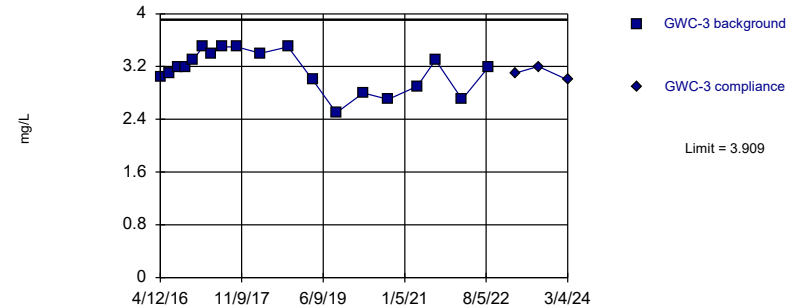


Background Data Summary (based on x^4 transformation): Mean=15.49, Std. Dev.=5.649, n=19, 5.263% NDs. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9069, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 3/29/2024 11:58 AM View: Appendix III - Intrawell Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

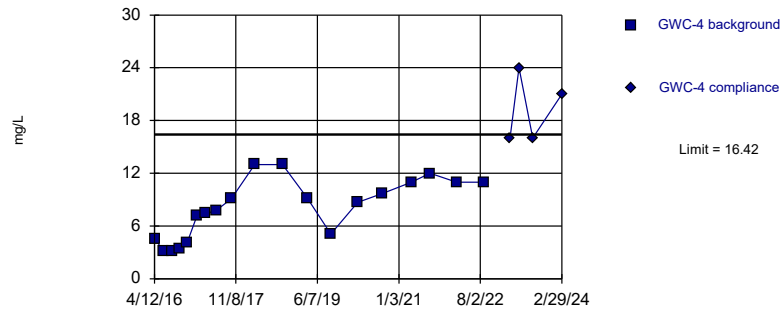


Background Data Summary: Mean=3.144, Std. Dev.=0.3088, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9216, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 3/29/2024 11:58 AM View: Appendix III - Intrawell Plant Scherer Data: Scherer Cell 1-CCR

Exceeds Limit

Prediction Limit
Intrawell Parametric

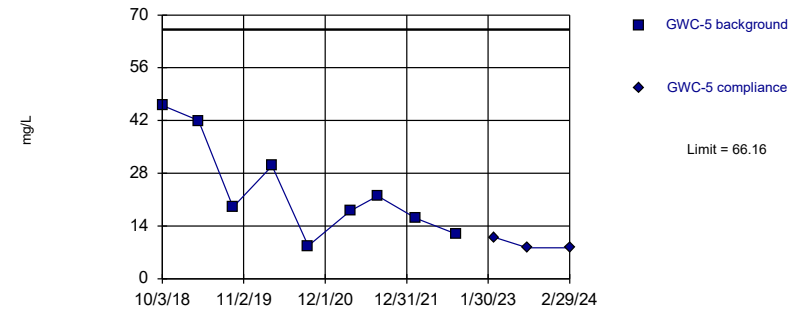


Background Data Summary: Mean=8.083, Std. Dev.=3.363, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9273, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 3/29/2024 11:58 AM View: Appendix III - Intrawell Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

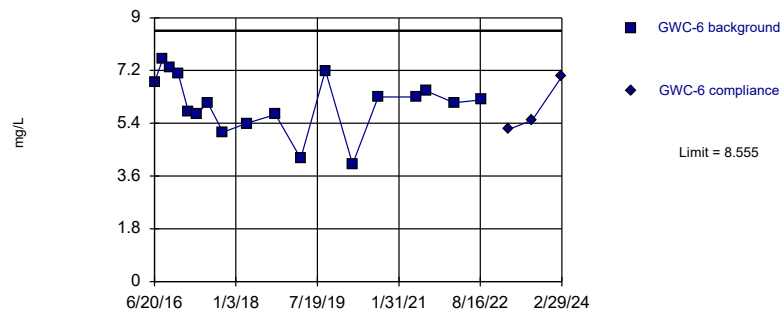


Background Data Summary: Mean=23.74, Std. Dev.=12.99, n=9. Normality test: Shapiro Wilk @alpha = 0.1, calculated = 0.8988, critical = 0.859. Kappa = 3.265 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 3/29/2024 11:58 AM View: Appendix III - Intrawell Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

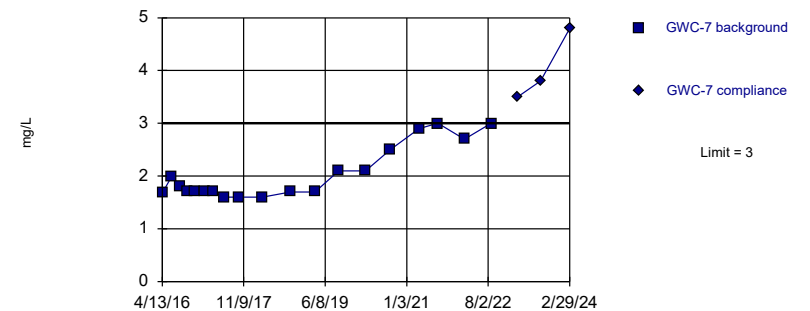


Background Data Summary: Mean=6.078, Std. Dev.=0.9867, n=18. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9531, critical = 0.897. Kappa = 2.511 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 3/29/2024 11:58 AM View: Appendix III - Intrawell Plant Scherer Data: Scherer Cell 1-CCR

Exceeds Limit

Prediction Limit
Intrawell Non-parametric

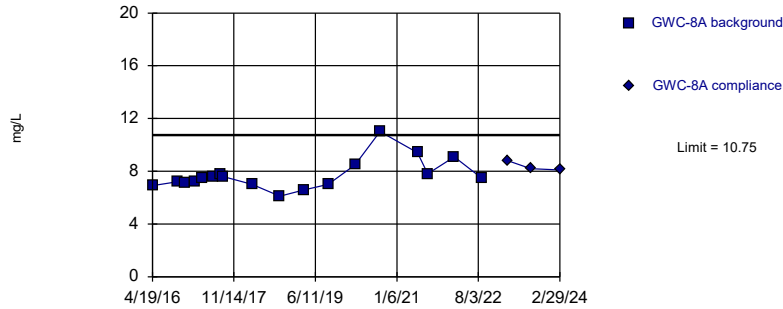


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.05 alpha level. Limit is highest of 19 background values. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Chloride Analysis Run 3/29/2024 11:58 AM View: Appendix III - Intrawell Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

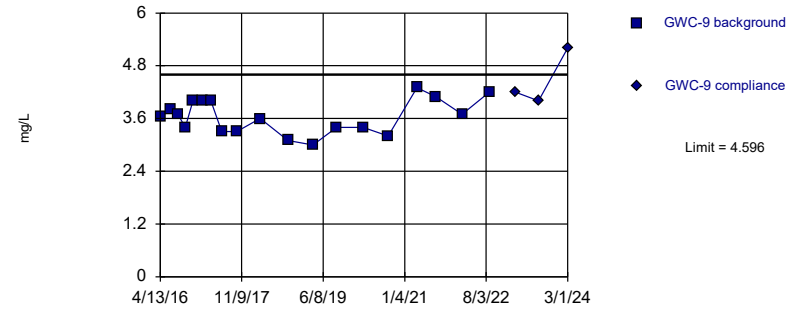


Background Data Summary (based on cube root transformation): Mean=1.972, Std. Dev.=0.09371, n=18. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.8987, critical = 0.897. Kappa = 2.511 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 3/29/2024 11:58 AM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Exceeds Limit

Prediction Limit
Intrawell Parametric

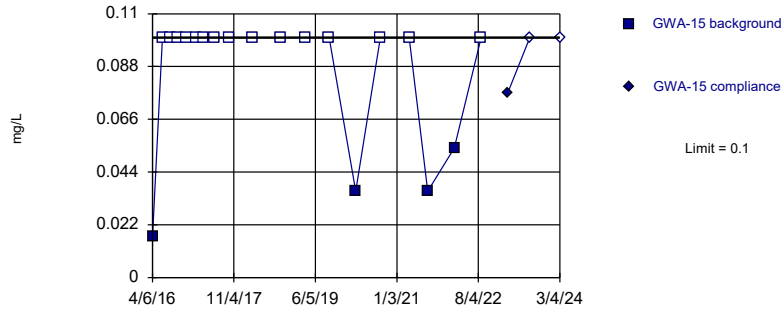


Background Data Summary: Mean=3.639, Std. Dev.=0.3861, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9602, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 3/29/2024 11:58 AM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

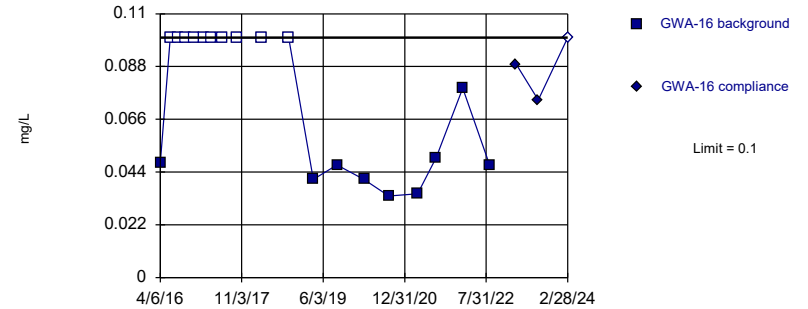


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 78.95% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Fluoride Analysis Run 3/29/2024 11:58 AM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

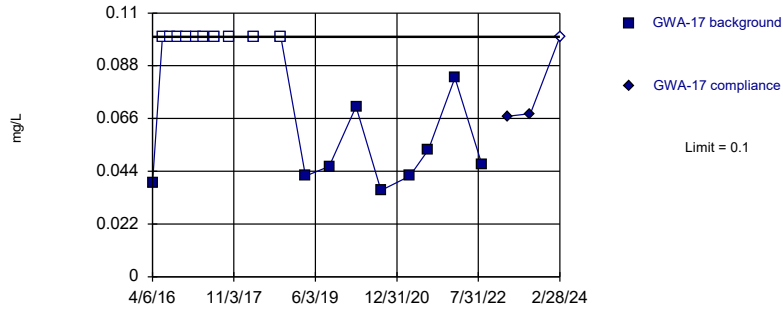


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 52.63% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Fluoride Analysis Run 3/29/2024 11:58 AM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

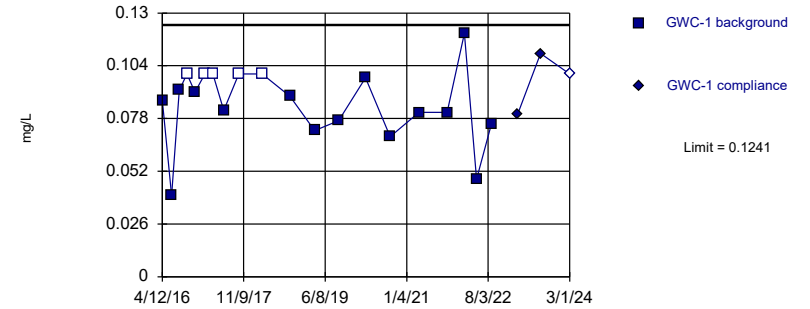


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 52.63% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Fluoride Analysis Run 3/29/2024 11:58 AM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

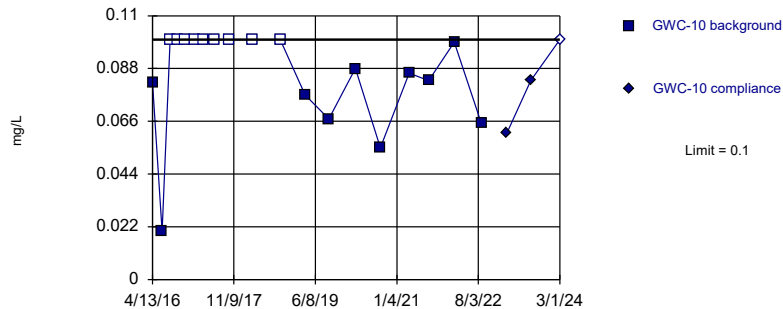


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.07823, Std. Dev.=0.01874, n=20, 25% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9282, critical = 0.868. Kappa = 2.446 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Fluoride Analysis Run 3/29/2024 11:58 AM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

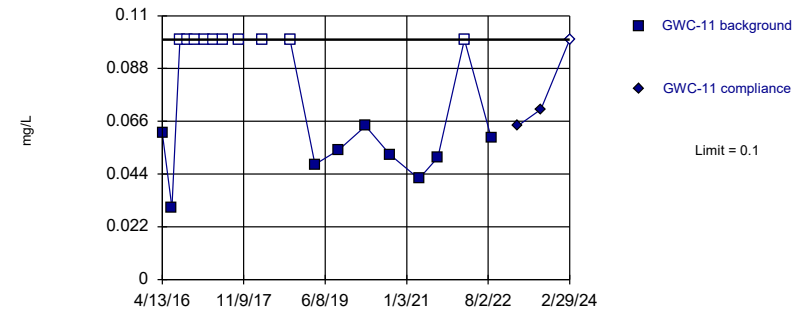


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.05 alpha level. Limit is highest of 19 background values. 47.37% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Fluoride Analysis Run 3/29/2024 11:58 AM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

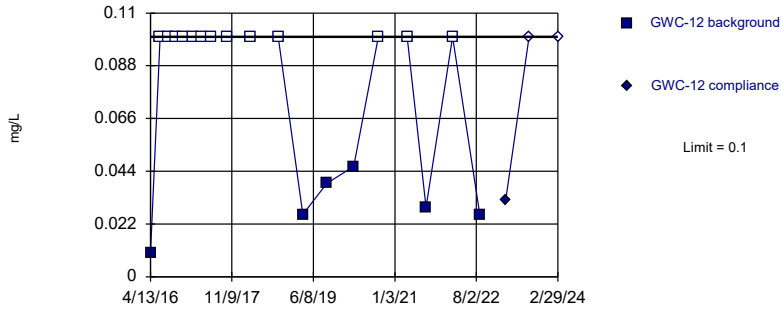


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 52.63% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Fluoride Analysis Run 3/29/2024 11:58 AM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

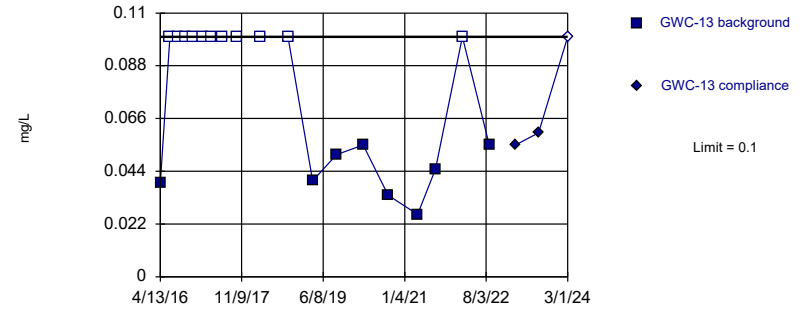


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 68.42% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Fluoride Analysis Run 3/29/2024 11:58 AM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

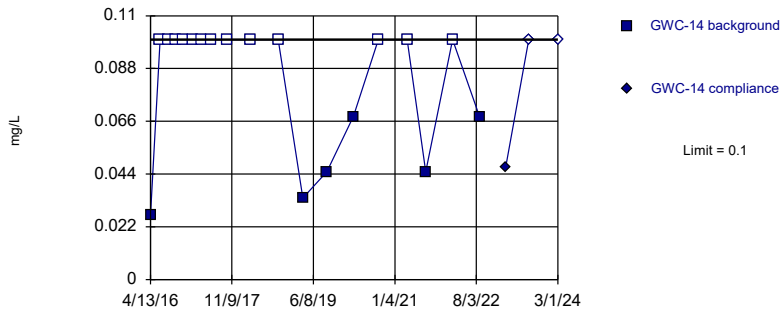


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 57.89% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Fluoride Analysis Run 3/29/2024 11:58 AM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

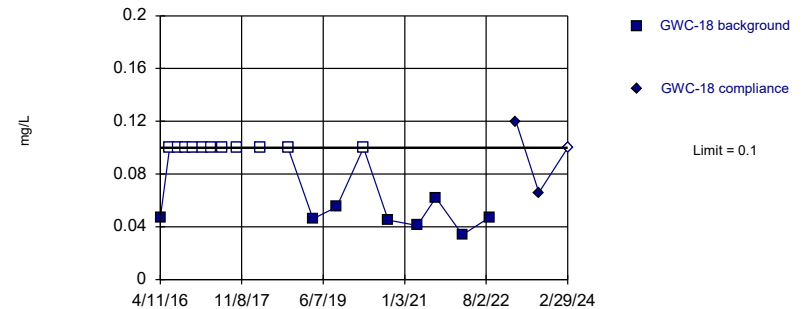


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 68.42% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Fluoride Analysis Run 3/29/2024 11:58 AM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

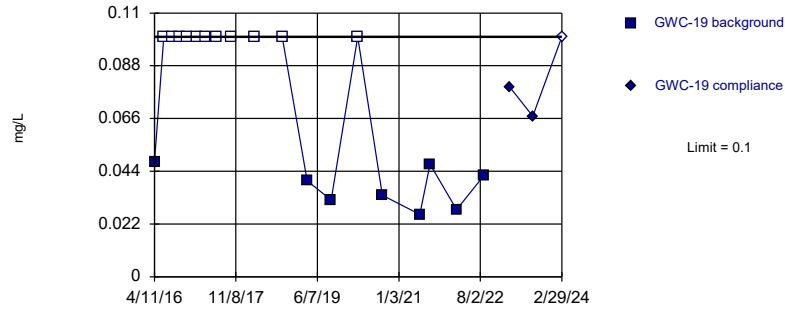


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 57.89% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Fluoride Analysis Run 3/29/2024 11:58 AM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

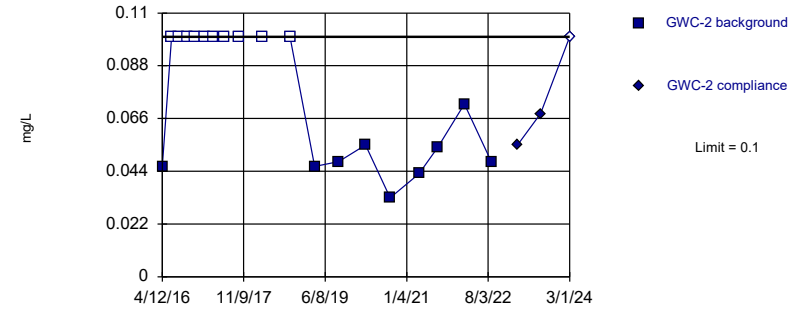


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 57.89% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Fluoride Analysis Run 3/29/2024 11:59 AM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

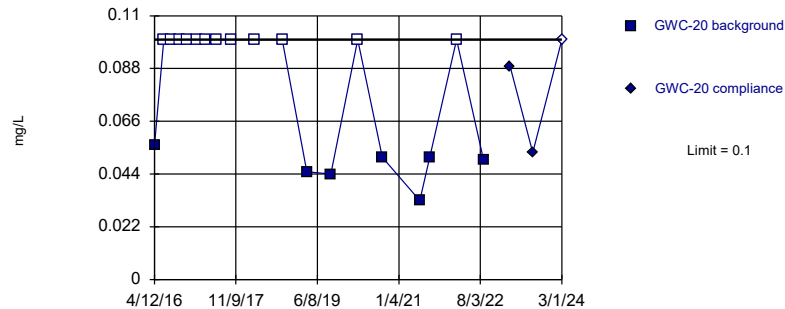


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 52.63% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Fluoride Analysis Run 3/29/2024 11:59 AM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

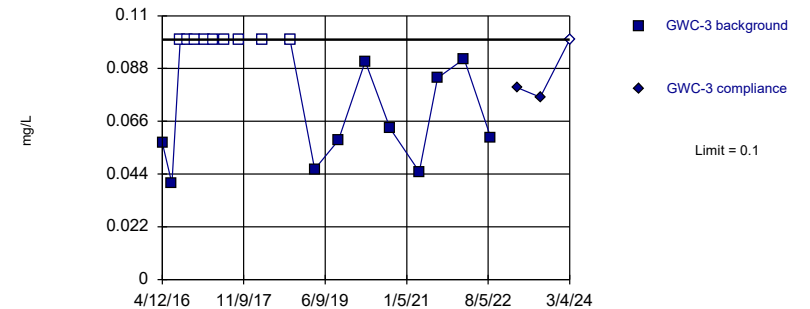


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 63.16% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Fluoride Analysis Run 3/29/2024 11:59 AM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.05 alpha level. Limit is highest of 19 background values. 47.37% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

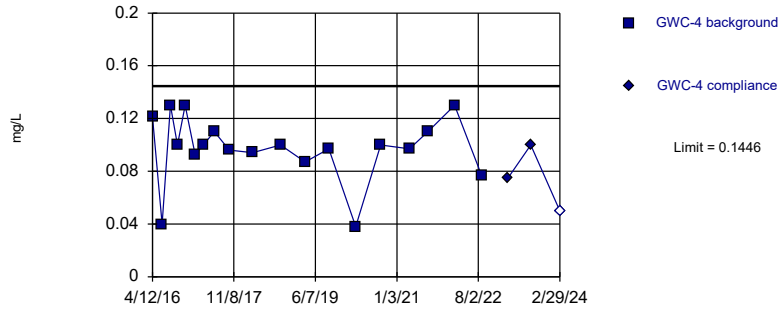
Constituent: Fluoride Analysis Run 3/29/2024 11:59 AM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square transformation): Mean=0.01008, Std. Dev.=0.00437, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9165, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

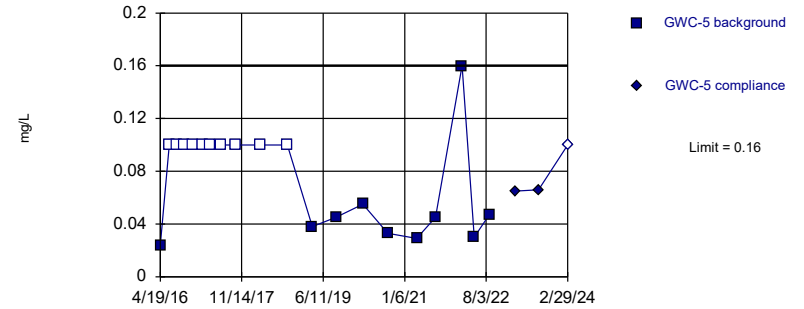
Constituent: Fluoride Analysis Run 3/29/2024 11:59 AM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.16b Software licensed to . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 20 background values. 50% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

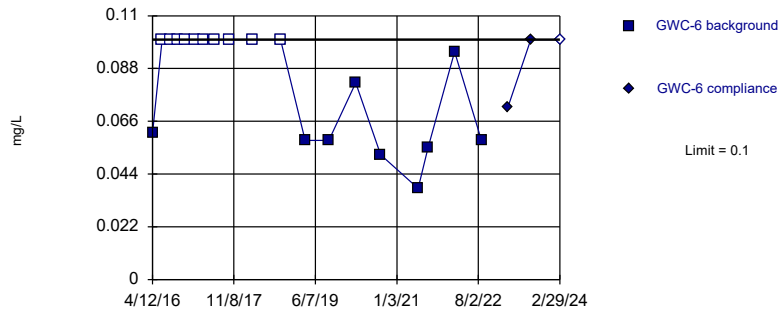
Constituent: Fluoride Analysis Run 3/29/2024 11:59 AM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.16b Software licensed to . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 52.63% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

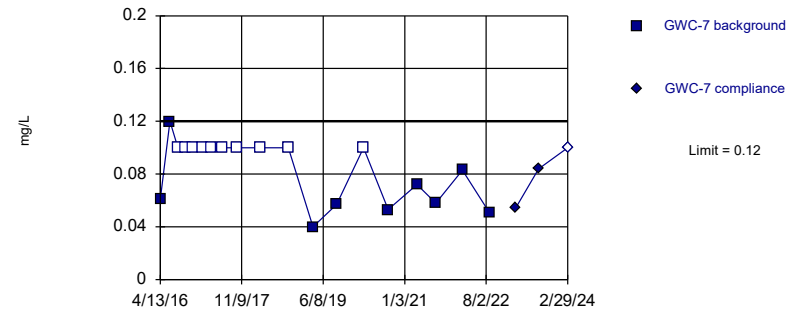
Constituent: Fluoride Analysis Run 3/29/2024 11:59 AM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.16b Software licensed to . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric

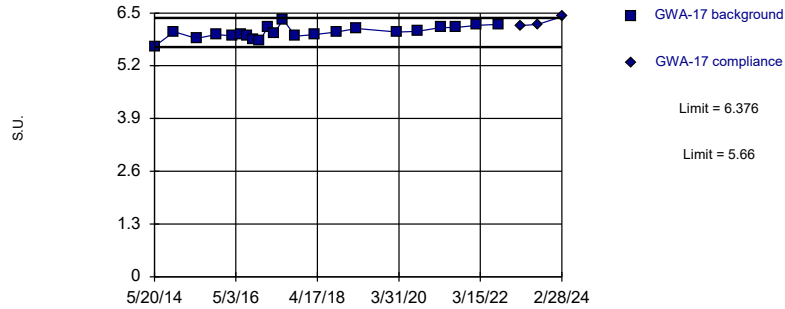


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 52.63% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Fluoride Analysis Run 3/29/2024 11:59 AM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Exceeds Limits

Prediction Limit Intrawell Parametric

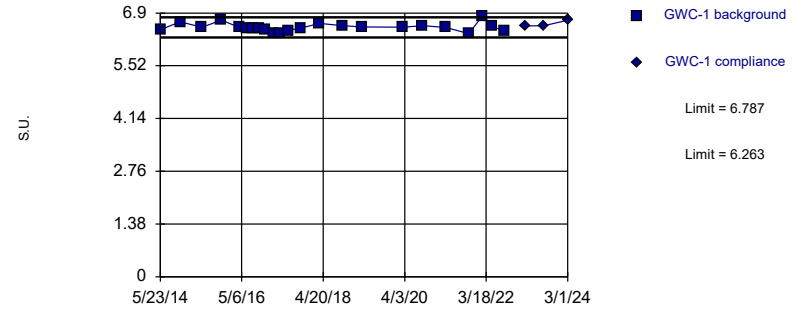


Background Data Summary: Mean=6.018, Std. Dev.=0.149, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9868, critical = 0.878. Kappa = 2.406 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 3/29/2024 11:59 AM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit Intrawell Parametric

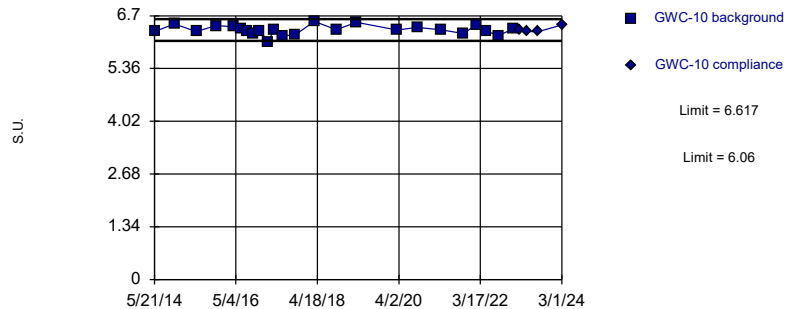


Background Data Summary: Mean=6.525, Std. Dev.=0.1099, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9298, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 3/29/2024 11:59 AM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit Intrawell Parametric

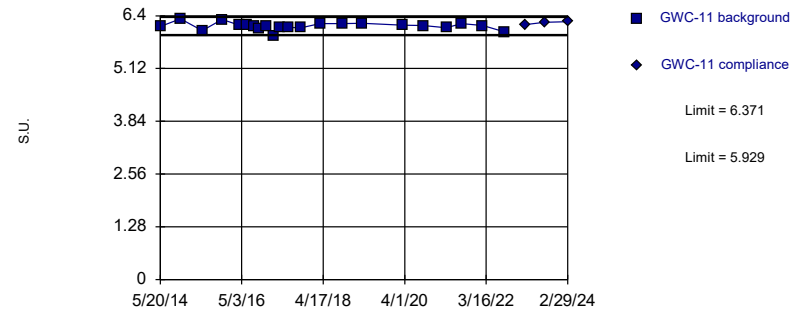


Background Data Summary: Mean=6.338, Std. Dev.=0.1176, n=24. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9715, critical = 0.884. Kappa = 2.366 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 3/29/2024 11:59 AM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit Intrawell Parametric

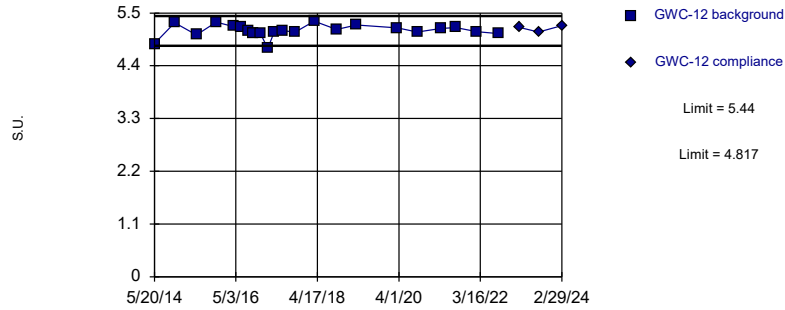


Background Data Summary: Mean=6.15, Std. Dev.=0.09196, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9361, critical = 0.878. Kappa = 2.406 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 3/29/2024 11:59 AM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit Intrawell Parametric

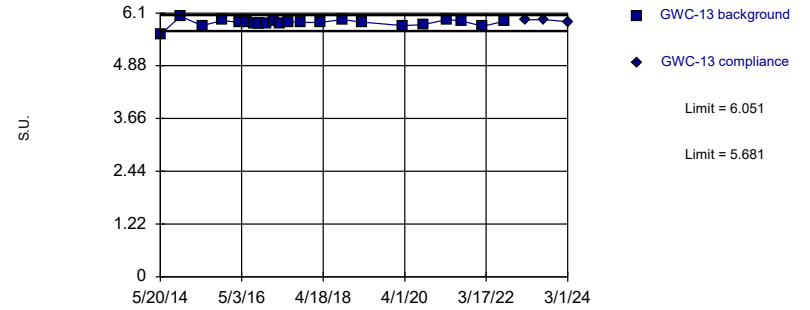


Background Data Summary: Mean=5.128, Std. Dev.=0.1305, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9047, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 3/29/2024 11:59 AM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit Intrawell Parametric

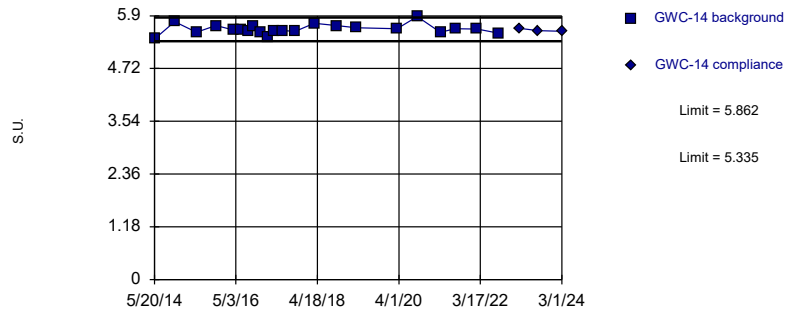


Background Data Summary (based on cube transformation): Mean=202.5, Std. Dev.=8.027, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8817, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 3/29/2024 11:59 AM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit Intrawell Parametric

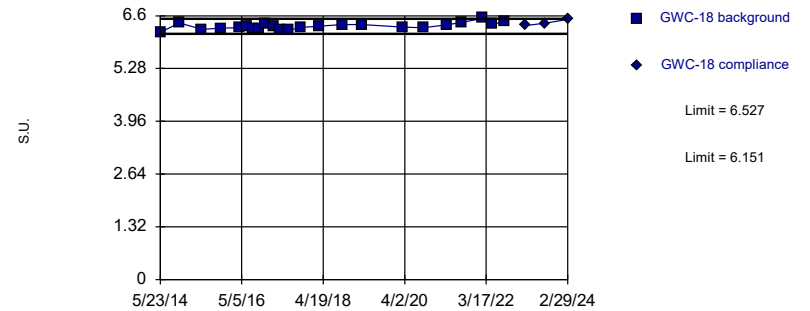


Background Data Summary: Mean=5.598, Std. Dev.=0.1095, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9571, critical = 0.878. Kappa = 2.406 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 3/29/2024 11:59 AM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit Intrawell Parametric

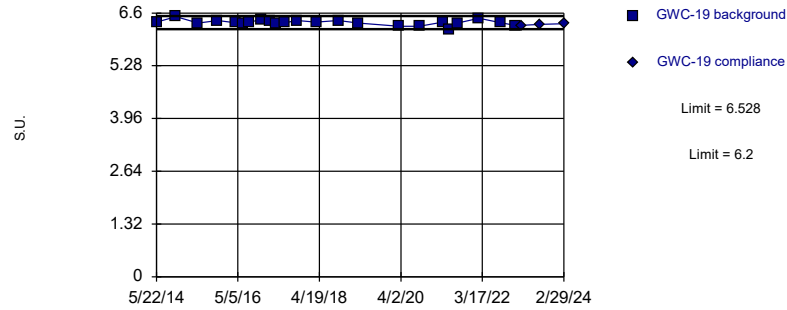


Background Data Summary: Mean=6.339, Std. Dev.=0.07879, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9788, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 3/29/2024 11:59 AM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit Intrawell Parametric

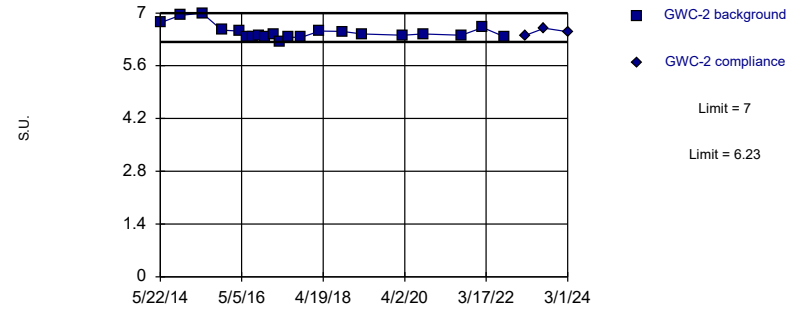


Background Data Summary: Mean=6.364, Std. Dev.=0.0688, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.93, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 3/29/2024 11:59 AM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit Intrawell Non-parametric

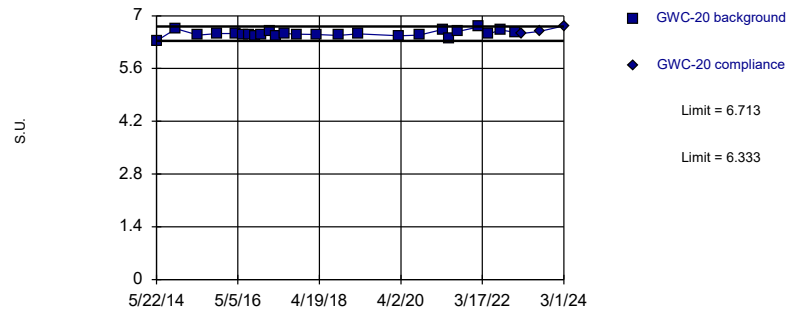


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 21 background values. Well-constituent pair annual alpha = 0.01596. Individual comparison alpha = 0.007998 (1 of 2).

Constituent: pH Analysis Run 3/29/2024 11:59 AM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Exceeds Limits

Prediction Limit Intrawell Parametric

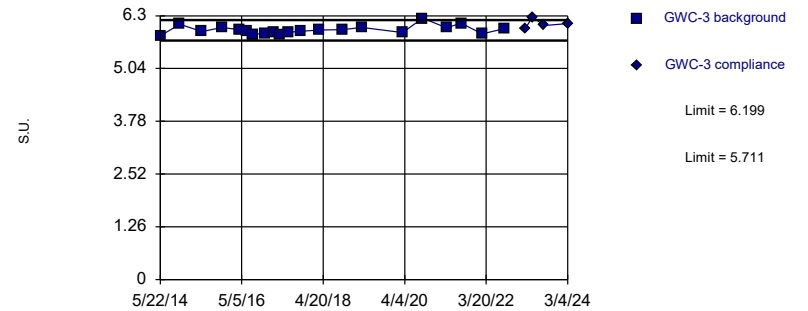


Background Data Summary: Mean=6.523, Std. Dev.=0.08092, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9506, critical = 0.888. Kappa = 2.347 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 3/29/2024 11:59 AM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit Intrawell Parametric

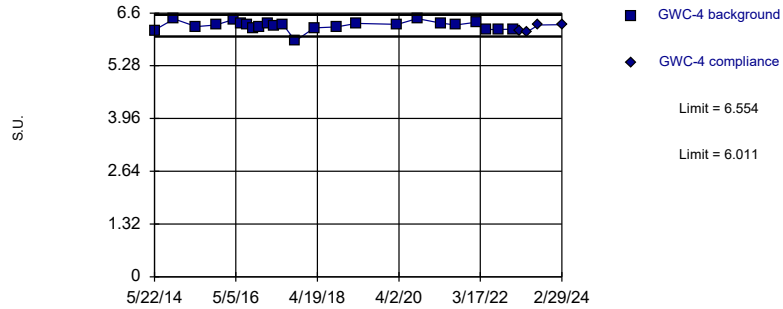


Background Data Summary: Mean=5.955, Std. Dev.=0.1016, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9136, critical = 0.878. Kappa = 2.406 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 3/29/2024 11:59 AM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit
Intrawell Parametric

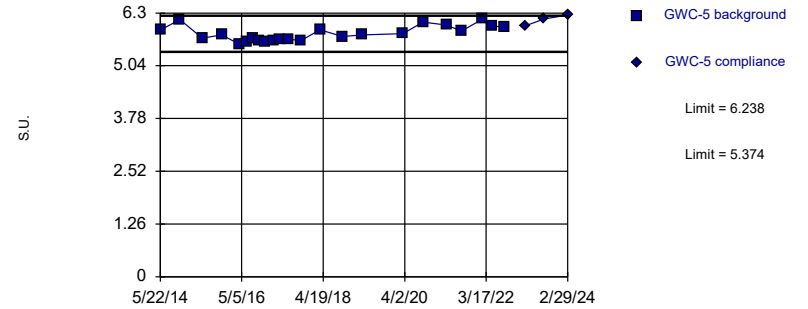


Background Data Summary: Mean=6.282, Std. Dev.=0.1147, n=24. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8874, critical = 0.884. Kappa = 2.366 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 3/29/2024 11:59 AM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Exceeds Limits

Prediction Limit
Intrawell Parametric

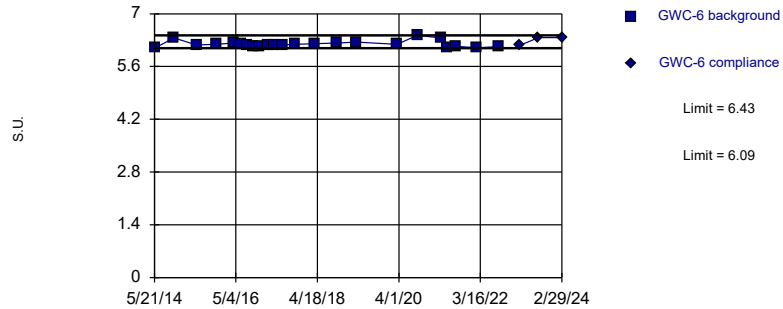


Background Data Summary: Mean=5.806, Std. Dev.=0.1811, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9298, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 3/29/2024 11:59 AM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit
Intrawell Non-parametric

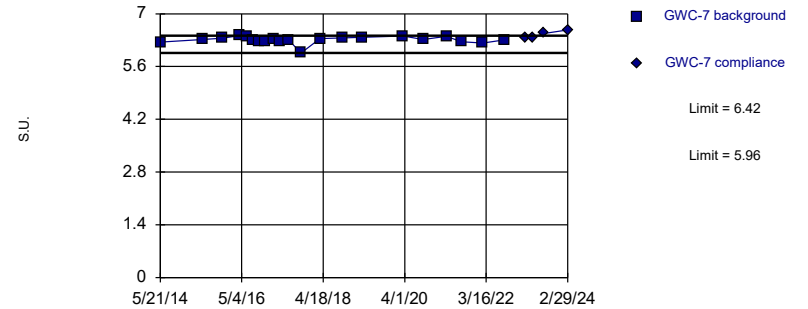


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 23 background values. Well-constituent pair annual alpha = 0.01364. Individual comparison alpha = 0.006831 (1 of 2).

Constituent: pH Analysis Run 3/29/2024 11:59 AM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Exceeds Limits

Prediction Limit
Intrawell Non-parametric

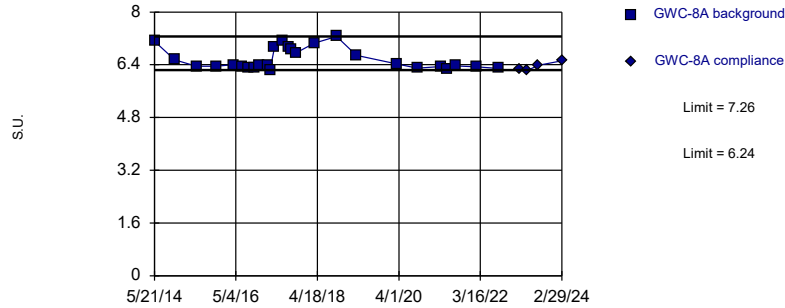


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 21 background values. Well-constituent pair annual alpha = 0.01596. Individual comparison alpha = 0.007998 (1 of 2).

Constituent: pH Analysis Run 3/29/2024 11:59 AM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit
Intrawell Non-parametric

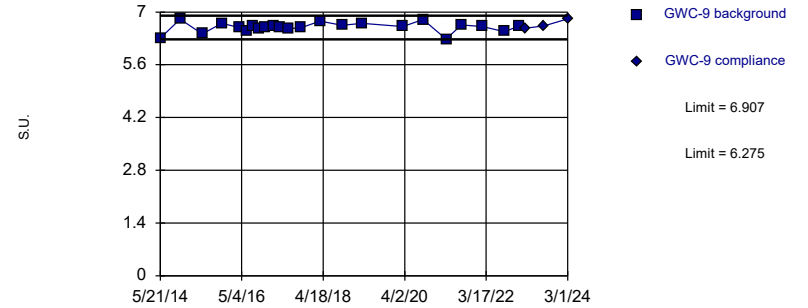


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 26 background values. Well-constituent pair annual alpha = 0.01065. Individual comparison alpha = 0.005334 (1 of 2).

Constituent: pH Analysis Run 3/29/2024 11:59 AM View: Appendix III - Intrawell
 Plant Scherer Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit
Intrawell Parametric

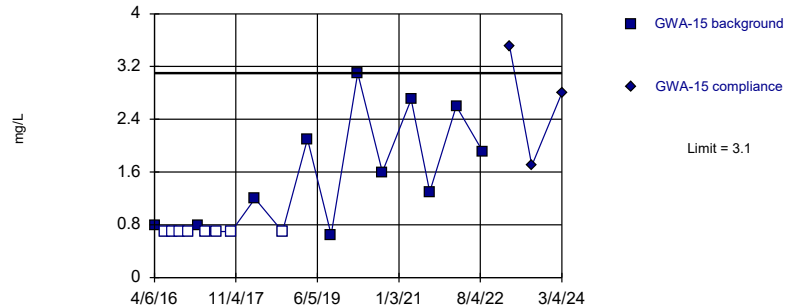


Background Data Summary: Mean=6.591, Std. Dev.=0.1325, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9376, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 3/29/2024 11:59 AM View: Appendix III - Intrawell
 Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

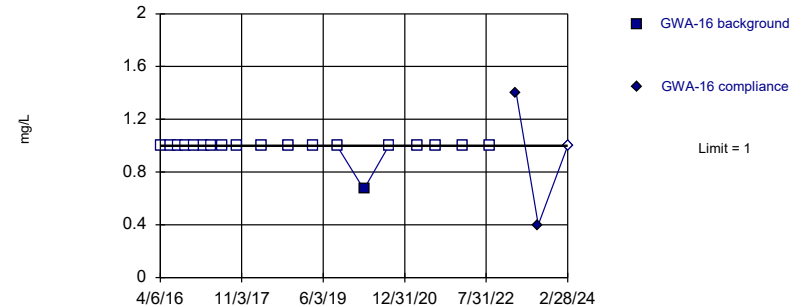


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.05 alpha level. Limit is highest of 19 background values. 42.11% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Sulfate Analysis Run 3/29/2024 11:59 AM View: Appendix III - Intrawell
 Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

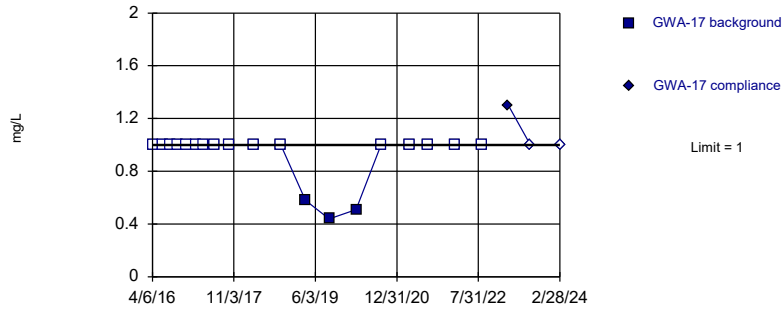


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 94.74% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Sulfate Analysis Run 3/29/2024 11:59 AM View: Appendix III - Intrawell
 Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

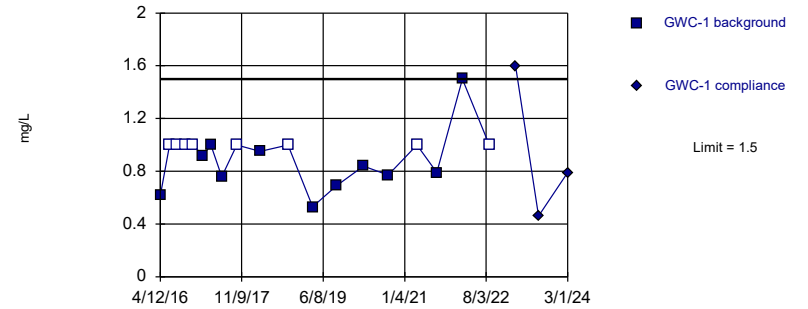


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 84.21% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Sulfate Analysis Run 3/29/2024 11:59 AM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

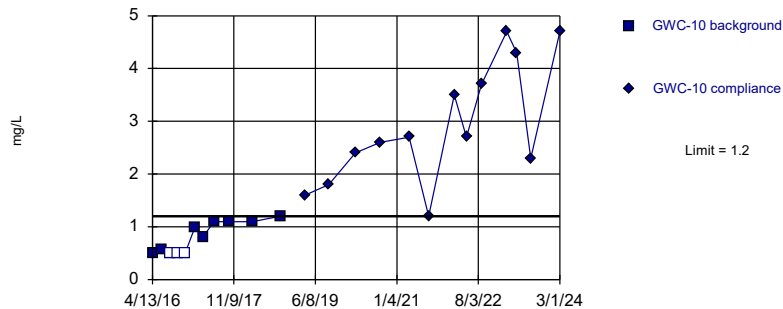


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.05 alpha level. Limit is highest of 19 background values. 42.11% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Sulfate Analysis Run 3/29/2024 11:59 AM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Exceeds Limit

Prediction Limit
Intrawell Non-parametric

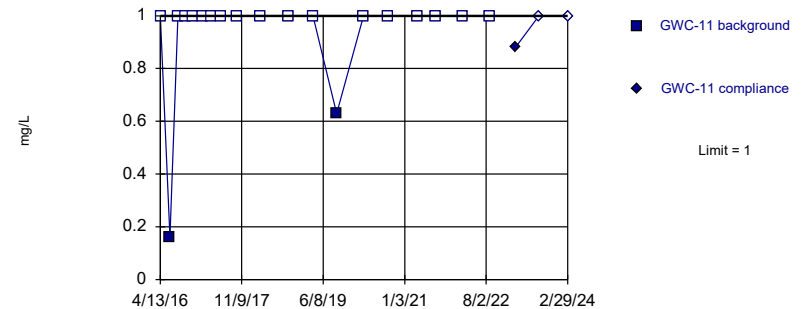


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.05 alpha level. Limit is highest of 11 background values. 27.27% NDs. Well-constituent pair annual alpha = 0.02537. Individual comparison alpha = 0.01276 (1 of 2).

Constituent: Sulfate Analysis Run 3/29/2024 11:59 AM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

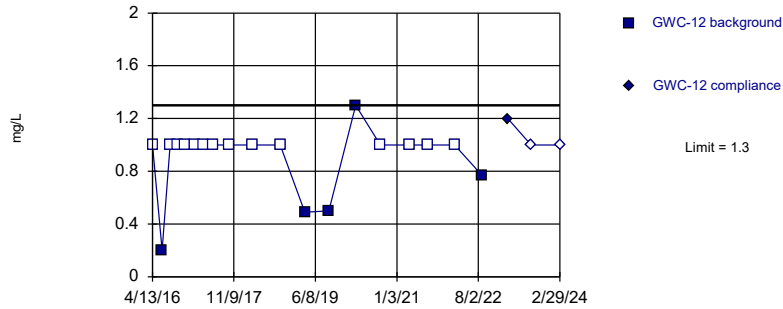


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 89.47% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Sulfate Analysis Run 3/29/2024 11:59 AM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

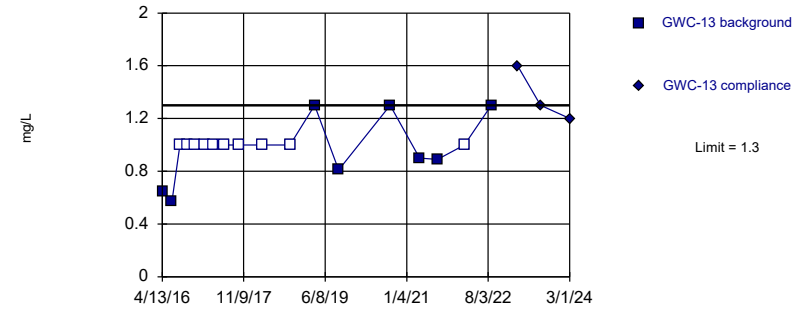


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 73.68% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Sulfate Analysis Run 3/29/2024 11:59 AM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

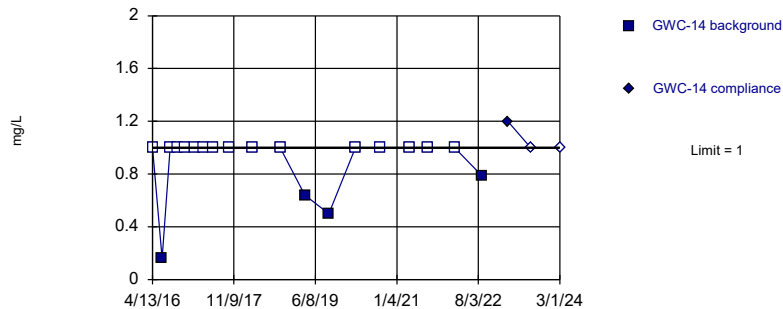


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 18 background values. 55.56% NDs. Well-constituent pair annual alpha = 0.01072. Individual comparison alpha = 0.005373 (1 of 2).

Constituent: Sulfate Analysis Run 3/29/2024 11:59 AM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

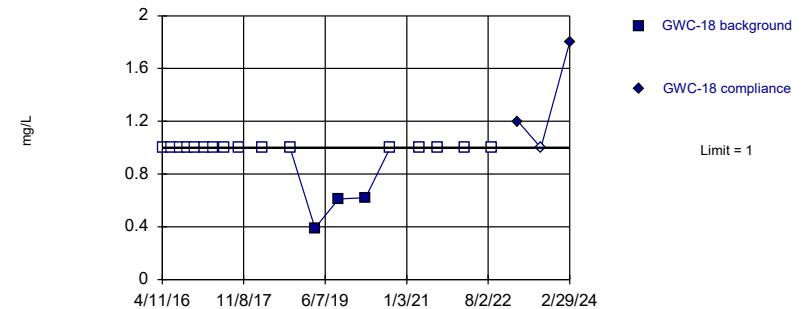


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 78.95% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Sulfate Analysis Run 3/29/2024 11:59 AM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Exceeds Limit

Prediction Limit Intrawell Non-parametric

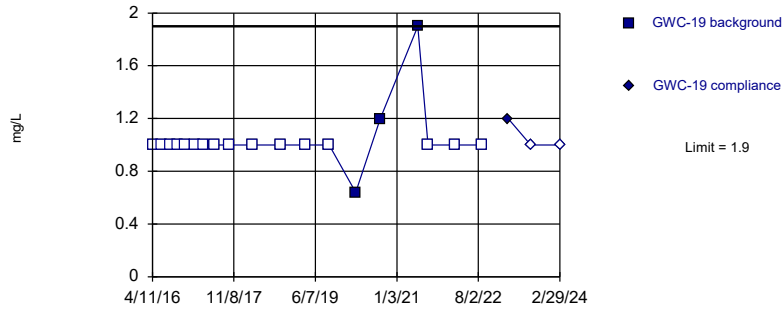


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 84.21% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Sulfate Analysis Run 3/29/2024 11:59 AM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

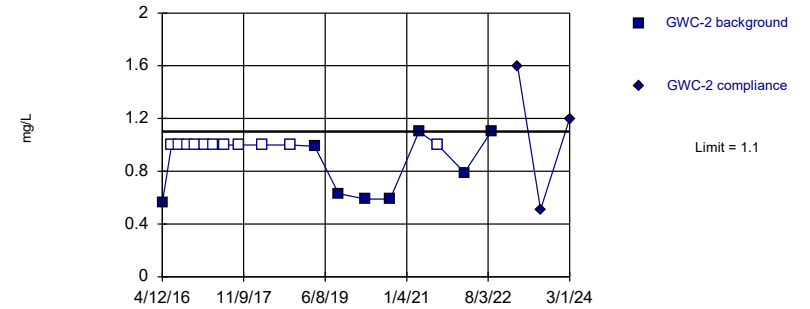


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 84.21% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Sulfate Analysis Run 3/29/2024 11:59 AM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Exceeds Limit

Prediction Limit
Intrawell Non-parametric

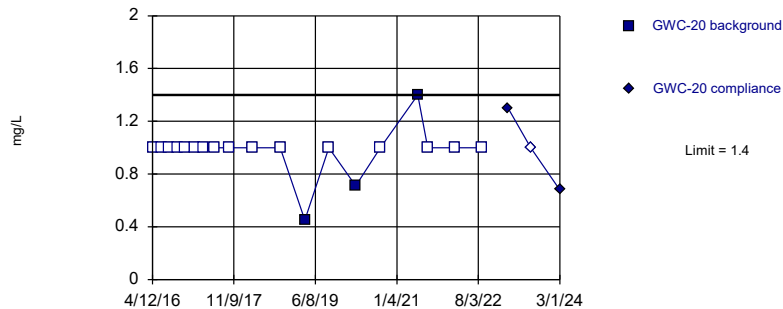


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 57.89% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Sulfate Analysis Run 3/29/2024 11:59 AM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

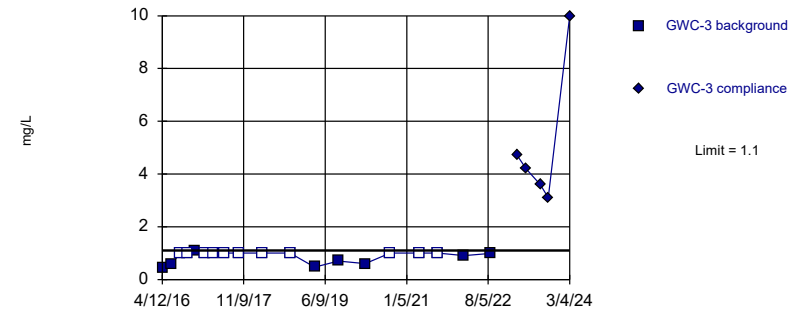


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 84.21% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Sulfate Analysis Run 3/29/2024 11:59 AM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Exceeds Limit

Prediction Limit
Intrawell Non-parametric

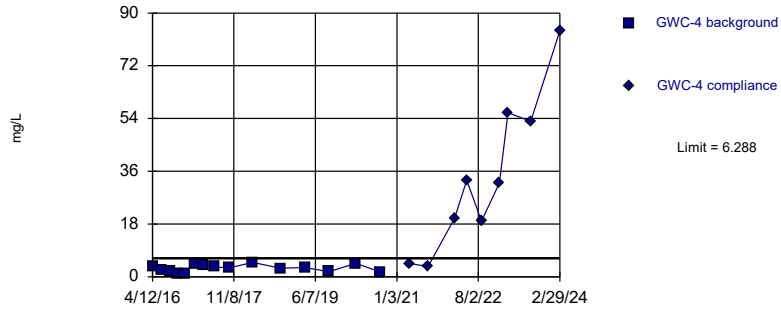


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 57.89% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Sulfate Analysis Run 3/29/2024 11:59 AM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Exceeds Limit

Prediction Limit Intrawell Parametric

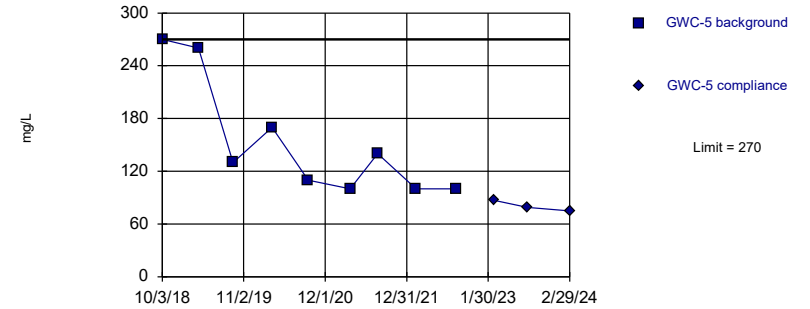


Background Data Summary: Mean=2.937, Std. Dev.=1.27, n=15. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9294, critical = 0.881. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Sulfate Analysis Run 3/29/2024 11:59 AM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

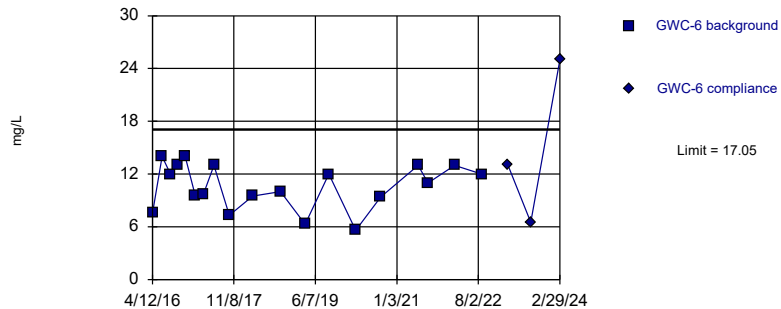


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.1 alpha level. Limit is highest of 9 background values. Well-constituent pair annual alpha = 0.03586. Individual comparison alpha = 0.01809 (1 of 2).

Constituent: Sulfate Analysis Run 3/29/2024 11:59 AM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Exceeds Limit

Prediction Limit Intrawell Parametric

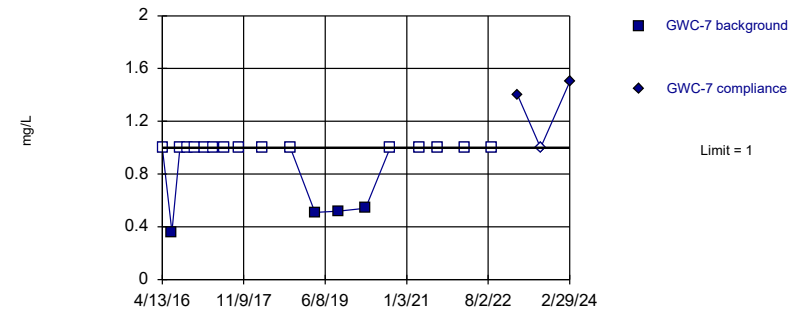


Background Data Summary: Mean=10.62, Std. Dev.=2.592, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9257, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Sulfate Analysis Run 3/29/2024 11:59 AM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Exceeds Limit

Prediction Limit Intrawell Non-parametric



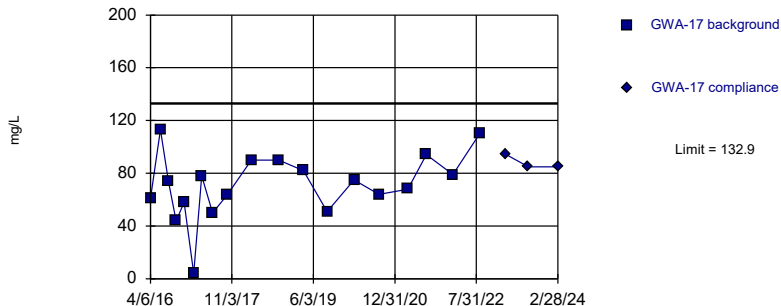
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 78.95% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Sulfate Analysis Run 3/29/2024 11:59 AM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit

Intrawell Parametric



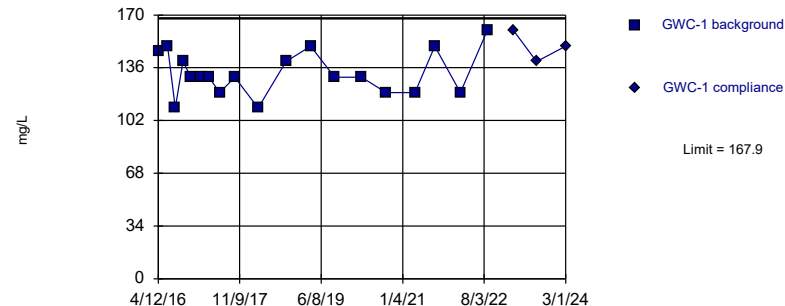
Background Data Summary: Mean=71, Std. Dev.=24.98, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9525, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Total Dissolved Solids Analysis Run 3/29/2024 11:59 AM View: Appendix III - Intrawell Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit

Intrawell Parametric



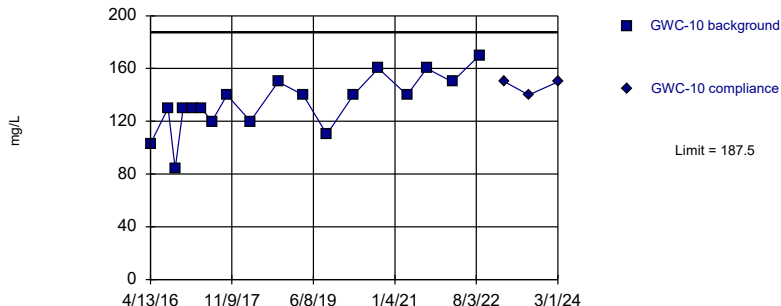
Background Data Summary: Mean=132.5, Std. Dev.=14.28, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9392, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Total Dissolved Solids Analysis Run 3/29/2024 11:59 AM View: Appendix III - Intrawell Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit

Intrawell Parametric



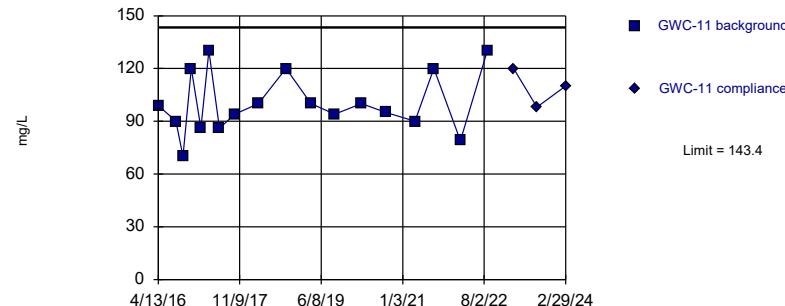
Background Data Summary: Mean=133.7, Std. Dev.=21.41, n=18. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9678, critical = 0.897. Kappa = 2.511 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Total Dissolved Solids Analysis Run 3/29/2024 11:59 AM View: Appendix III - Intrawell Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit

Intrawell Parametric

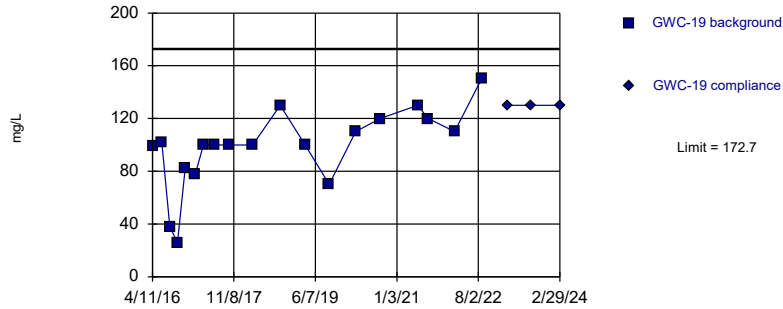


Background Data Summary: Mean=100.2, Std. Dev.=17.2, n=18. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9274, critical = 0.897. Kappa = 2.511 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Total Dissolved Solids Analysis Run 3/29/2024 11:59 AM View: Appendix III - Intrawell Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Parametric

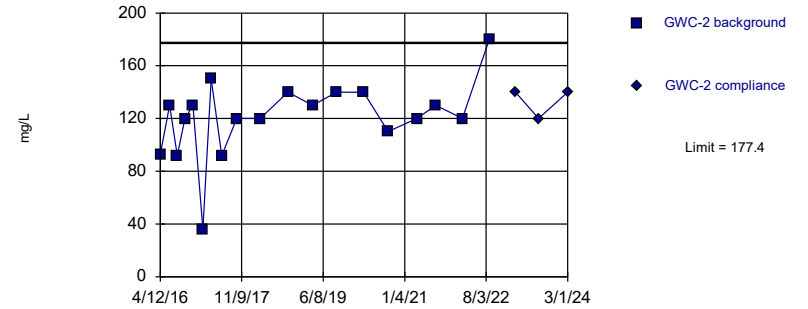


Background Data Summary: Mean=98.16, Std. Dev.=30.06, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9157, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Total Dissolved Solids Analysis Run 3/29/2024 11:59 AM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Parametric

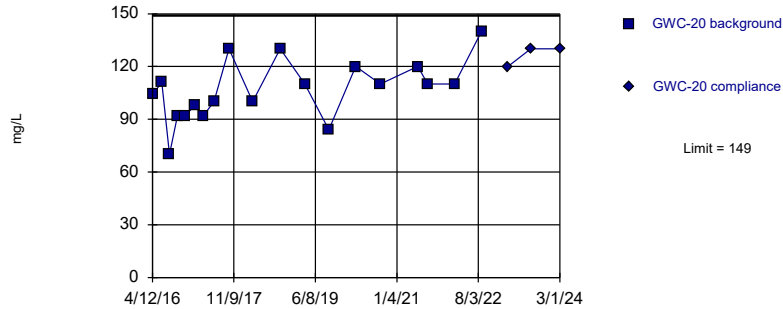


Background Data Summary (based on square transformation): Mean=15383, Std. Dev.=6489, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9341, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Total Dissolved Solids Analysis Run 3/29/2024 12:00 PM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Parametric

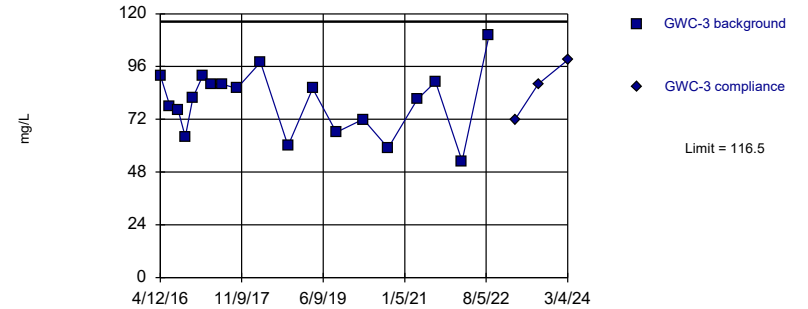


Background Data Summary: Mean=106.5, Std. Dev.=17.15, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9793, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Total Dissolved Solids Analysis Run 3/29/2024 12:00 PM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Parametric

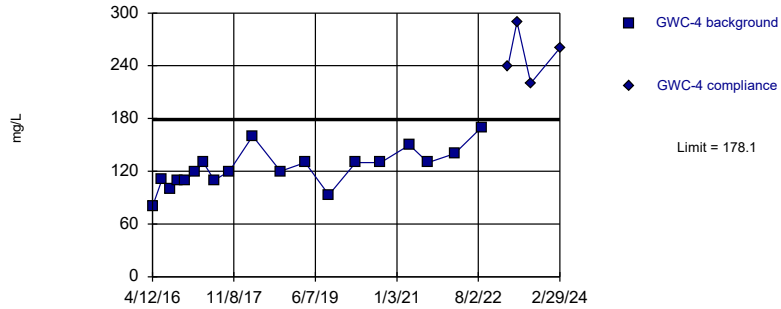


Background Data Summary: Mean=80, Std. Dev.=14.73, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.97, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Total Dissolved Solids Analysis Run 3/29/2024 12:00 PM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

Exceeds Limit

Prediction Limit Intrawell Parametric

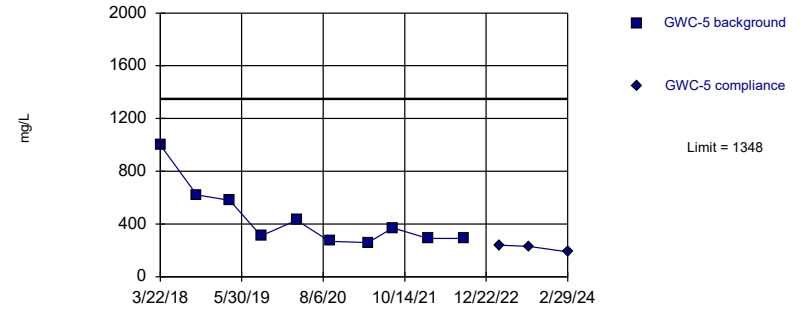


Background Data Summary: Mean=123.4, Std. Dev.=22.1, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9712, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Total Dissolved Solids Analysis Run 3/29/2024 12:00 PM View: Appendix III - Intrawell Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Parametric

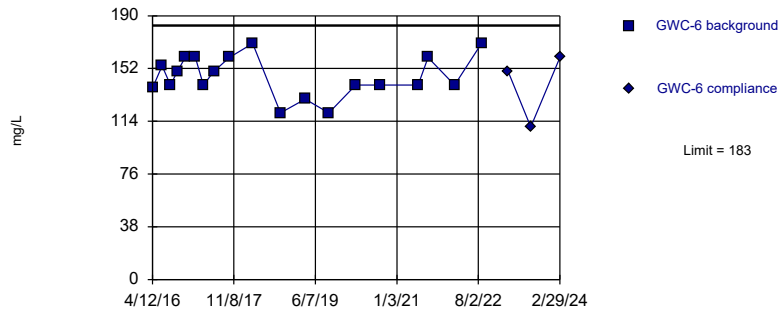


Background Data Summary (based on cube root transformation): Mean=7.445, Std. Dev.=1.178, n=10. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.8472, critical = 0.842. Kappa = 3.058 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Total Dissolved Solids Analysis Run 3/29/2024 12:00 PM View: Appendix III - Intrawell Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Parametric

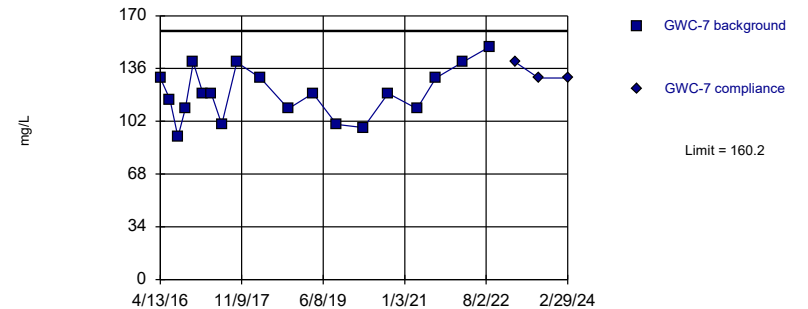


Background Data Summary: Mean=146.4, Std. Dev.=14.75, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9332, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Total Dissolved Solids Analysis Run 3/29/2024 12:00 PM View: Appendix III - Intrawell Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Parametric

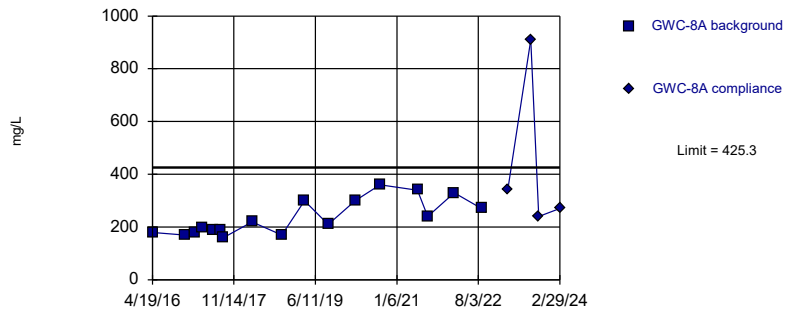


Background Data Summary: Mean=119.8, Std. Dev.=16.3, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9631, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Total Dissolved Solids Analysis Run 3/29/2024 12:00 PM View: Appendix III - Intrawell Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

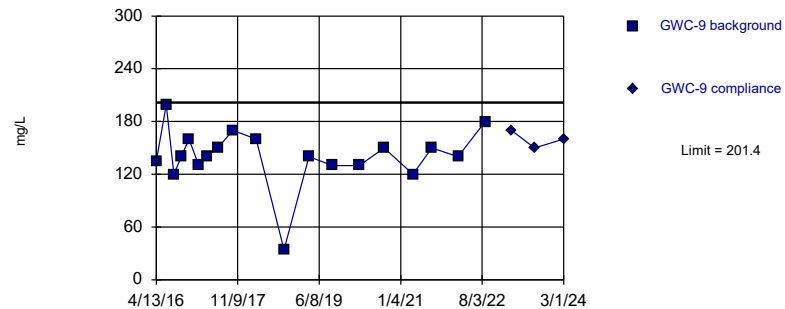
Prediction Limit
Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=15.22, Std. Dev.=2.125, n=17. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.8933, critical = 0.892. Kappa = 2.543 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Within Limit

Prediction Limit
Intrawell Parametric



Background Data Summary (based on square transformation): Mean=20889, Std. Dev.=7938, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9326, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Total Dissolved Solids Analysis Run 3/29/2024 12:00 PM View: Appendix III - Intrawell Plant Scherer Data: Scherer Cell 1-CCR

Constituent: Total Dissolved Solids Analysis Run 3/29/2024 12:00 PM View: Appendix III - Intrawell Plant Scherer Data: Scherer Cell 1-CCR

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

	GWA-15	GWA-15
4/6/2016	<0.08	
6/15/2016	<0.08	
8/10/2016	<0.08	
10/4/2016	<0.08	
11/30/2016	<0.08	
2/7/2017	<0.08	
4/4/2017	<0.08	
6/20/2017	<0.08	
10/4/2017	<0.08	
3/20/2018	<0.08 (D)	
10/2/2018	<0.08	
3/26/2019	<0.08	
9/10/2019	<0.08	
3/18/2020	<0.08	
9/9/2020	<0.08	
4/1/2021	<0.08	
8/11/2021	<0.08	
2/15/2022	<0.08	
8/25/2022	<0.08	
2/28/2023		<0.08
8/3/2023		0.03 (J)
3/4/2024		<0.08

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

	GWA-17	GWA-17
4/6/2016	<0.08	
6/15/2016	0.0028 (J)	
8/10/2016	<0.08	
10/5/2016	<0.08	
11/29/2016	<0.08	
2/7/2017	<0.08	
4/4/2017	<0.08	
6/20/2017	<0.08	
10/5/2017	<0.08	
3/20/2018	<0.08	
10/2/2018	<0.08	
3/26/2019	<0.08	
9/10/2019	<0.08	
3/18/2020	<0.08	
9/9/2020	<0.08	
4/1/2021	<0.08	
8/11/2021	<0.08	
2/15/2022	<0.08	
8/24/2022	<0.08	
2/28/2023		<0.08
8/3/2023		<0.08
2/28/2024		<0.08

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-1	GWC-1
4/12/2016	<0.08	
6/16/2016	<0.08	
8/11/2016	<0.08	
10/4/2016	<0.08	
11/30/2016	<0.08	
2/7/2017	<0.08	
4/5/2017	<0.08	
6/20/2017	<0.08	
10/4/2017	<0.08	
3/20/2018	<0.08	
10/2/2018	<0.08	
3/26/2019	<0.08	
9/10/2019	<0.08	
3/18/2020	<0.08	
9/9/2020	<0.08	
4/1/2021	0.053 (J)	
8/18/2021	<0.08	
2/15/2022	<0.08	
8/24/2022	<0.08	
2/27/2023		<0.08
8/9/2023		<0.08
3/1/2024		<0.08

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - IntraWell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-10	GWC-10
4/13/2016	<0.08 (D)	
6/21/2016	<0.08	
8/15/2016	<0.08	
10/5/2016	<0.08	
12/1/2016	<0.08	
2/8/2017	<0.08	
4/6/2017	<0.08	
6/21/2017	<0.08	
10/5/2017	<0.08	
3/21/2018	<0.08	
10/2/2018	<0.08	
3/27/2019	<0.08	
9/11/2019	<0.08	
3/18/2020	<0.08	
9/9/2020	<0.08	
4/1/2021	<0.08	
8/17/2021	<0.08	
2/15/2022	<0.08	
8/25/2022	0.11	
12/28/2022	0.098 (R)	
2/21/2023		<0.08
8/9/2023		<0.08
3/1/2024		<0.08

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-12	GWC-12
4/13/2016	<0.08 (D)	
6/21/2016	<0.08	
8/15/2016	<0.08	
10/5/2016	<0.08	
12/1/2016	<0.08	
2/8/2017	<0.08	
4/5/2017	<0.08	
6/20/2017	<0.08	
10/5/2017	<0.08	
3/21/2018	<0.08 (D)	
10/2/2018	<0.08	
3/26/2019	<0.08	
9/11/2019	<0.08	
3/18/2020	<0.08	
9/10/2020	<0.08	
4/1/2021	<0.08	
8/11/2021	<0.08	
2/16/2022	<0.08	
8/26/2022	<0.08	
2/27/2023		<0.08
8/9/2023		<0.08
2/29/2024		0.024 (J)

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-13	GWC-13
4/13/2016	<0.08 (D)	
6/21/2016	<0.08	
8/15/2016	<0.08	
10/7/2016	<0.08	
12/1/2016	<0.08	
2/9/2017	<0.08	
4/6/2017	<0.08	
6/22/2017	<0.08	
10/6/2017	<0.08	
3/22/2018	<0.08	
10/3/2018	<0.08	
3/26/2019	<0.08	
9/11/2019	<0.08	
3/18/2020	<0.08	
9/10/2020	<0.08	
4/6/2021	0.056 (J)	
8/11/2021	<0.08	
2/16/2022	<0.08	
8/26/2022	<0.08	
2/27/2023		<0.08
8/9/2023		<0.08
3/1/2024		<0.08

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-2	GWC-2
4/12/2016	<0.08	
6/16/2016	<0.08	
8/11/2016	<0.08	
10/4/2016	<0.08	
11/30/2016	<0.08	
2/7/2017	<0.08	
4/6/2017	<0.08	
6/20/2017	<0.08	
10/4/2017	<0.08	
3/20/2018	<0.08	
10/2/2018	<0.08	
3/26/2019	<0.08	
9/10/2019	<0.08	
3/18/2020	<0.08	
9/9/2020	<0.08	
4/1/2021	<0.08	
8/12/2021	<0.08	
2/15/2022	<0.08	
8/26/2022	<0.08	
2/27/2023		<0.08
8/9/2023		<0.08
3/1/2024		0.023 (J)

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - IntraWell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-20	GWC-20
4/12/2016	<0.08	
6/16/2016	<0.08	
8/11/2016	<0.08	
10/5/2016	<0.08	
11/30/2016	<0.08	
2/8/2017	<0.08	
4/6/2017	<0.08	
6/21/2017	<0.08	
10/5/2017	<0.08	
3/21/2018	<0.08	
10/3/2018	<0.08	
3/26/2019	<0.08	
9/12/2019	<0.08	
3/19/2020	<0.08	
9/10/2020	<0.08	
4/5/2021	<0.08	
8/11/2021	<0.08	
2/16/2022	<0.08	
8/25/2022	0.12	
12/28/2022	<0.08 (R)	
2/28/2023		<0.08
8/8/2023		<0.08
3/1/2024		0.025 (J)

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-3	GWC-3
4/12/2016	<0.08 (D)	
6/20/2016	<0.08	
8/12/2016	<0.08	
10/5/2016	<0.08	
11/30/2016	<0.08	
2/8/2017	<0.08	
4/6/2017	<0.08	
6/21/2017	<0.08	
10/5/2017	<0.08	
3/21/2018	<0.08	
10/3/2018	<0.08	
3/26/2019	<0.08	
9/10/2019	<0.08	
3/18/2020	<0.08	
9/10/2020	<0.08	
4/6/2021	0.078 (J)	
8/12/2021	<0.08	
2/15/2022	<0.08	
8/25/2022	<0.08	
2/28/2023		<0.08
8/9/2023		<0.08
3/4/2024		<0.08

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - IntraWell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-5	GWC-5
4/19/2016	<0.1	
6/22/2016	0.238	
8/16/2016	0.39	
10/6/2016	0.34	
12/1/2016	0.37	
2/9/2017	0.38	
4/6/2017	0.4	
6/21/2017	0.39	
10/5/2017	0.47	
3/22/2018	0.48	
10/3/2018	0.47	
3/27/2019	0.33	
9/11/2019	0.31	
3/18/2020	0.26	
9/9/2020	0.24	
4/1/2021	0.23	
8/12/2021	0.19	
2/15/2022	0.19	
8/25/2022	0.19	
2/28/2023		0.19
8/8/2023		0.15
2/29/2024		0.17

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - IntraWell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-6	GWC-6
4/12/2016	<0.08	
6/20/2016	<0.08	
8/12/2016	<0.08	
10/6/2016	<0.08	
11/30/2016	<0.08	
2/9/2017	<0.08	
4/6/2017	<0.08	
6/21/2017	<0.08	
10/6/2017	<0.08	
3/21/2018	<0.08	
10/3/2018	<0.08	
3/26/2019	<0.08	
9/11/2019	<0.08	
3/18/2020	<0.08	
9/10/2020	<0.08	
4/5/2021	0.042 (J)	
8/11/2021	0.057 (J)	
2/15/2022	<0.08	
8/25/2022	<0.08	
2/27/2023		<0.08
8/8/2023		<0.08
2/29/2024		<0.08

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - IntraWell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-7	GWC-7
4/13/2016	<0.08 (D)	
6/20/2016	<0.08	
8/15/2016	<0.08	
10/6/2016	<0.08	
12/1/2016	<0.08	
2/9/2017	<0.08	
4/7/2017	<0.08	
6/22/2017	<0.08	
10/6/2017	<0.08	
3/22/2018	<0.08	
10/4/2018	<0.08	
3/27/2019	<0.08	
9/11/2019	<0.08	
3/19/2020	<0.08	
9/10/2020	<0.08	
4/1/2021	<0.08	
8/11/2021	0.056 (J)	
2/15/2022	<0.08	
8/25/2022	<0.08	
2/27/2023		<0.08
8/8/2023		<0.08
2/29/2024		<0.08

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-8A	GWC-8A
4/19/2016	0.145	
10/10/2016	0.12	
12/1/2016	0.12	
2/9/2017	0.13	
4/7/2017	0.21	
6/21/2017	0.23	
8/15/2017	0.27	
9/1/2017	0.24	
3/22/2018	0.25	
10/4/2018	0.21	
3/27/2019	0.16	
9/11/2019	0.21	
3/18/2020	0.16	
9/9/2020	0.13	
4/5/2021	0.18	
8/12/2021	0.23	
2/15/2022	0.13	
8/25/2022	0.18	
2/27/2023		0.14
8/8/2023		0.14
2/29/2024		0.15

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-9	GWC-9
4/13/2016	0.0774 (JD)	
6/22/2016	0.0663 (J)	
8/15/2016	0.093	
10/6/2016	0.096	
12/1/2016	0.12	
2/8/2017	0.094	
4/6/2017	0.11	
6/21/2017	0.1	
10/5/2017	0.083	
3/21/2018	0.089	
10/2/2018	0.083	
3/27/2019	0.067	
9/11/2019	0.083	
3/18/2020	0.058 (J)	
9/9/2020	0.088	
4/1/2021	0.059 (J)	
8/12/2021	0.1	
2/15/2022	0.07 (J)	
8/25/2022	0.13	
2/27/2023		0.082
8/8/2023		0.087
3/1/2024		0.085

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - IntraWell

Plant Scherer Data: Scherer Cell 1-CCR

	GWA-15	GWA-15
4/6/2016	3.62	
6/15/2016	4.5	
8/10/2016	3.8	
10/4/2016	5.3	
11/30/2016	4.7	
2/7/2017	3.8	
4/4/2017	3.8	
6/20/2017	4.1	
10/4/2017	4.6	
3/20/2018	4.2 (D)	
10/2/2018	4.2	
3/26/2019	4	
9/10/2019	4.8	
3/18/2020	3.8	
9/9/2020	4	
4/1/2021	4	
8/11/2021	4.1	
2/15/2022	3.6	
8/25/2022	4.9	
2/28/2023		4.1
8/3/2023		4.7
3/4/2024		3.8

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Intravel

Plant Scherer Data: Scherer Cell 1-CCR

	GWA-16	GWA-16
4/6/2016	12.1	
6/15/2016	11.8	
8/10/2016	10	
10/4/2016	14	
11/29/2016	10	
2/7/2017	12	
4/4/2017	11	
6/20/2017	11	
10/5/2017	13	
3/20/2018	12	
10/2/2018	11	
3/26/2019	11	
9/10/2019	12	
3/18/2020	12	
9/9/2020	11	
4/1/2021	12	
8/11/2021	11	
2/15/2022	10	
8/25/2022	13	
2/28/2023		13
8/3/2023		13
2/28/2024		15

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Intravel

Plant Scherer Data: Scherer Cell 1-CCR

	GWA-17	GWA-17
4/6/2016	6.58	
6/15/2016	6.9	
8/10/2016	5.5	
10/5/2016	6.8	
11/29/2016	4.8	
2/7/2017	7.8	
4/4/2017	6.4	
6/20/2017	7	
10/5/2017	6.6	
3/20/2018	6.6	
10/2/2018	5.8	
3/26/2019	6.7	
9/10/2019	7.5	
3/18/2020	7.3	
9/9/2020	7.3	
4/1/2021	7.8	
8/11/2021	7.3	
2/15/2022	7.1	
8/24/2022	8.9	
2/28/2023		8.7
8/3/2023		8.3
2/28/2024		9

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Intravel
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-1	GWC-1
4/12/2016	17.1	
6/16/2016	19.8	
8/11/2016	15	
10/4/2016	17	
11/30/2016	16	
2/7/2017	17	
4/5/2017	16	
6/20/2017	17	
10/4/2017	19	
3/20/2018	18	
10/2/2018	16	
3/26/2019	16	
9/10/2019	17	
3/18/2020	19	
9/9/2020	17	
4/1/2021	18	
8/18/2021	18	
2/15/2022	16	
8/24/2022	17	
2/27/2023		19
8/9/2023		18
3/1/2024		18

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Intravel
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-10	GWC-10
4/13/2016	15.6 (D)	
6/21/2016	14.4	
8/15/2016	14	
10/5/2016	17	
12/1/2016	15	
2/8/2017	17	
4/6/2017	16	
6/21/2017	16 (D)	
10/5/2017	19	
3/21/2018	17	
10/2/2018	17	
3/27/2019	16	
9/11/2019	18	
3/18/2020	20	
9/9/2020	20	
4/1/2021	19	
8/17/2021	18	
2/15/2022	17	
8/25/2022	20	
2/21/2023		20
8/9/2023		18
3/1/2024		20

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Intravel

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-11	GWC-11
4/13/2016	12.8 (D)	
6/21/2016	11.6	
8/15/2016	11	
10/5/2016	14	
12/1/2016	12	
2/8/2017	13	
4/6/2017	12	
6/20/2017	13	
10/5/2017	14	
3/21/2018	13	
10/2/2018	12	
3/27/2019	12	
9/11/2019	13	
3/18/2020	14	
9/10/2020	13	
4/1/2021	13	
8/11/2021	13	
2/16/2022	12	
8/25/2022	14	
2/27/2023		14
8/9/2023		14
2/29/2024		14

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Intravel

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-12	GWC-12
4/13/2016	1.18 (D)	
6/21/2016	1.12	
8/15/2016	0.95	
10/5/2016	1	
12/1/2016	0.92	
2/8/2017	1.2	
4/5/2017	1.1	
6/20/2017	0.96	
10/5/2017	1.1	
3/21/2018	1.3 (D)	
10/2/2018	0.86	
3/26/2019	1.1	
9/11/2019	0.94	
3/18/2020	1.6	
9/10/2020	1.1	
4/1/2021	1.2	
8/11/2021	1	
2/16/2022	1.1	
8/26/2022	0.99	
2/27/2023		1.2
8/9/2023		1.1
2/29/2024		1.4

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Intravel

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-13	GWC-13
4/13/2016	5.71 (D)	
6/21/2016	5.54	
8/15/2016	5.8	
10/7/2016	6.1	
12/1/2016	5.8	
2/9/2017	6.3	
4/6/2017	5.8	
6/22/2017	6.4 (D)	
10/6/2017	7.4	
3/22/2018	6.8	
10/3/2018	6.4	
3/26/2019	6.3	
9/11/2019	7	
3/18/2020	9.3	
9/10/2020	6.7	
4/6/2021	7.4	
8/11/2021	6.7	
2/16/2022	6.7	
8/26/2022	7.5	
2/27/2023		8.1
8/9/2023		7.7
3/1/2024		7.6

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Intravel

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-14	GWC-14
4/13/2016	6.55 (D)	
6/21/2016	6.04	
8/15/2016	5.9	
10/4/2016	6.6	
12/1/2016	5.4	
2/7/2017	6.1	
4/6/2017	6.1	
6/20/2017	6.6	
10/5/2017	7.2	
3/20/2018	6.6	
10/2/2018	6.5	
3/26/2019	6.4	
9/11/2019	7.3	
3/18/2020	6.9	
9/9/2020	6.5	
4/1/2021	6.2	
8/11/2021	6.9	
2/16/2022	6.3	
8/26/2022	7	
2/27/2023		7.3
8/9/2023		7.2
3/1/2024		7.6

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Intravel

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-18	GWC-18
4/11/2016	10.5	
6/16/2016	11.6	
8/11/2016	10	
10/5/2016	11	
11/29/2016	9.6	
2/8/2017	10	
4/6/2017	9.7	
6/21/2017	9.7 (D)	
10/5/2017	11	
3/20/2018	11	
10/2/2018	9.6	
3/26/2019	9.6	
9/11/2019	10	
3/18/2020	11	
9/9/2020	10	
4/1/2021	11	
8/11/2021	10	
2/16/2022	9.7	
8/25/2022	11	
2/28/2023		11
8/9/2023		11
2/29/2024		11

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Intravel
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-19	GWC-19
4/11/2016	10.4	
6/16/2016	12.2	
8/11/2016	9.5	
10/5/2016	11	
11/29/2016	9.8	
2/8/2017	10	
4/5/2017	10	
6/21/2017	10 (D)	
10/5/2017	12	
3/20/2018	12	
10/2/2018	11	
3/26/2019	11	
9/12/2019	14	
3/19/2020	14	
9/9/2020	15	
4/5/2021		15
10/7/2021		17
2/16/2022		15
8/25/2022		18
12/28/2022		19 (R)
2/28/2023		18
8/8/2023		18
2/29/2024		19

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Intravel
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-2	GWC-2
4/12/2016	17	
6/16/2016	19.7	
8/11/2016	15	
10/4/2016	18	
11/30/2016	16	
2/7/2017	18	
4/6/2017	16	
6/20/2017	17	
10/4/2017	19	
3/20/2018	18	
10/2/2018	16	
3/26/2019	17	
9/10/2019	18	
3/18/2020	18	
9/9/2020	17	
4/1/2021	17	
8/12/2021	17	
2/15/2022	16	
8/26/2022	18	
2/27/2023		19
8/9/2023		18
3/1/2024		18

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Intravel

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-20	GWC-20
4/12/2016	13.5	
6/16/2016	15	
8/11/2016	12	
10/5/2016	14	
11/30/2016	12	
2/8/2017	14	
4/6/2017	13	
6/21/2017	13 (D)	
10/5/2017	15	
3/21/2018	14	
10/3/2018	13	
3/26/2019	12	
9/12/2019	14	
3/19/2020	14	
9/10/2020	13	
4/5/2021	14	
8/11/2021	14	
2/16/2022	13	
8/25/2022	15	
2/28/2023		16
8/8/2023		16
3/1/2024		17

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Intravel

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-3	GWC-3
4/12/2016	8.52 (D)	
6/20/2016	7.7	
8/12/2016	7.3	
10/5/2016	8.4	
11/30/2016	8	
2/8/2017	9.3	
4/6/2017	8.1	
6/21/2017	9.2 (D)	
10/5/2017	10	
3/21/2018	9.3	
10/3/2018	7.5	
3/26/2019	7.3	
9/10/2019	6.6	
3/18/2020	5.9	
9/10/2020	6.3	
4/6/2021	7.4	
8/12/2021	6.6	
2/15/2022	6	
8/25/2022	5.5	
2/28/2023		5.9
8/9/2023		6.7
3/4/2024		8.9

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Intrawell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-4	GWC-4
4/12/2016	11	
6/20/2016	10.1	
8/12/2016	9.9	
10/6/2016	12	
11/30/2016	11	
2/8/2017	13	
4/6/2017	12	
6/22/2017	13 (D)	
10/6/2017	15	
3/21/2018	15	
10/3/2018	13	
3/26/2019	13	
9/10/2019	12	
3/19/2020	14	
9/10/2020	13	
4/2/2021	15	
8/12/2021	13	
2/15/2022	15	
8/25/2022	17	
12/28/2022		20 (R)
2/27/2023		26
8/8/2023		25
2/29/2024		31

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Intravel

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-5	GWC-5
4/19/2016	198	
6/22/2016	132	
8/16/2016	94	
10/6/2016	100	
12/1/2016	100	
2/9/2017	120	
4/6/2017	140	
6/21/2017	160 (D)	
10/5/2017	130	
3/22/2018	130	
10/3/2018	88	
3/27/2019	75	
9/11/2019	46	
3/18/2020	61	
9/9/2020	35	
4/1/2021	40	
8/12/2021	46	
2/15/2022	36	
8/25/2022	37	
2/28/2023		34
8/8/2023		30
2/29/2024		30

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Intravel

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-6	GWC-6
4/12/2016	17.8	
6/20/2016	19.5	
8/12/2016	17	
10/6/2016	19	
11/30/2016	19	
2/9/2017	18	
4/6/2017	18	
6/21/2017	19 (D)	
10/6/2017	19	
3/21/2018	19	
10/3/2018	16	
3/26/2019	16	
9/11/2019	19	
3/18/2020	15	
9/10/2020	16	
4/5/2021	16	
8/11/2021	16	
2/15/2022	15	
8/25/2022	19	
2/27/2023		17
8/8/2023		15
2/29/2024		20

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Intravel
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-7	GWC-7
4/13/2016	14 (D)	
6/20/2016	13.8	
8/15/2016	13	
10/6/2016	14	
12/1/2016	13	
2/9/2017	14	
4/7/2017	14	
6/22/2017	14 (D)	
10/6/2017	16	
3/22/2018	15	
10/4/2018	13	
3/27/2019	14	
9/11/2019	14	
3/19/2020	15	
9/10/2020	15	
4/1/2021	15	
8/11/2021	14	
2/15/2022	13	
8/25/2022	16	
2/27/2023		16
8/8/2023		15
2/29/2024		17

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Intravel

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-8A	GWC-8A
4/19/2016	20	
10/10/2016	19	
12/1/2016	18	
2/9/2017	20	
4/7/2017	27	
6/21/2017	27 (D)	
8/15/2017	29	
9/1/2017	32	
3/22/2018	30	
10/4/2018	37	
3/27/2019		47
9/11/2019		37
3/18/2020		53
9/9/2020		64
4/5/2021		52
8/12/2021		37
2/15/2022		49
8/25/2022		39
2/27/2023		64
8/8/2023		53
2/29/2024		49

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Intravel
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-9	GWC-9
4/13/2016	18 (D)	
6/22/2016	16.7	
8/15/2016	16	
10/6/2016	17	
12/1/2016	17	
2/8/2017	18	
4/6/2017	17	
6/21/2017	17 (D)	
10/5/2017	19	
3/21/2018	19	
10/2/2018	16	
3/27/2019	16	
9/11/2019	17	
3/18/2020	16	
9/9/2020	16	
4/1/2021	16	
8/12/2021	18	
2/15/2022	16	
8/25/2022	21	
12/28/2022	18 (R)	
2/27/2023		20
8/8/2023		18
3/1/2024		20

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Inrawell
Plant Scherer Data: Scherer Cell 1-CCR

	GWA-15	GWA-15
4/6/2016	5.342	
6/15/2016	5.2	
8/10/2016	5.5	
10/4/2016	5.4	
11/30/2016	5.4	
2/7/2017	5.1	
4/4/2017	5.1	
6/20/2017	5.2	
10/4/2017	5.2	
3/20/2018	5.6 (D)	
10/2/2018	6.3	
3/26/2019	5.5	
9/10/2019	5.2	
3/18/2020	5.4	
9/9/2020	6.1	
4/1/2021	7	
8/11/2021	7.2	
2/15/2022	6.5	
8/25/2022	6.9	
2/28/2023		6.3
8/3/2023		6.3
3/4/2024		5.6

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - IntraWell
Plant Scherer Data: Scherer Cell 1-CCR

	GWA-16	GWA-16
4/6/2016	1.789	
6/15/2016	2.1	
8/10/2016	1.8	
10/4/2016	1.7	
11/29/2016	1.7	
2/7/2017	1.6	
4/4/2017	1.6	
6/20/2017	1.6	
10/5/2017	1.5	
3/20/2018	1.5	
10/2/2018	1.6	
3/26/2019	1.5	
9/10/2019	1.4	
3/18/2020	1.7	
9/9/2020	1.6	
4/1/2021	1.8	
8/11/2021	1.8	
2/15/2022	1.6	
8/25/2022	1.6	
2/28/2023		1.7
8/3/2023		1.6
2/28/2024		1.6

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - IntraWell
Plant Scherer Data: Scherer Cell 1-CCR

	GWA-17	GWA-17
4/6/2016	1.69	
6/15/2016	1.9	
8/10/2016	1.7	
10/5/2016	1.6	
11/29/2016	1.7	
2/7/2017	1.6	
4/4/2017	1.5	
6/20/2017	1.5	
10/5/2017	1.5	
3/20/2018	1.4	
10/2/2018	1.5	
3/26/2019	1.3	
9/10/2019	1.3	
3/18/2020	2	
9/9/2020	1.3	
4/1/2021	1.5	
8/11/2021	1.4	
2/15/2022	1.4	
8/24/2022	1.4	
2/28/2023		1.4
8/3/2023		1.3
2/28/2024		1.4

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Intravel
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-1	GWC-1
4/12/2016	4.32	
6/16/2016	3.8	
8/11/2016	4	
10/4/2016	3.6	
11/30/2016	3.8	
2/7/2017	4.3	
4/5/2017	4.1	
6/20/2017	3.9	
10/4/2017	3.6	
3/20/2018	3.9	
10/2/2018	3.7	
3/26/2019	3.6	
9/10/2019	2.9	
3/18/2020	4.2	
9/9/2020	3.9	
4/1/2021	4.2	
8/18/2021	4	
2/15/2022	4	
8/24/2022	3.6	
2/27/2023		3.8
8/9/2023		3.5
3/1/2024		4.2

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Intravel

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-10	GWC-10
4/13/2016	2.04 (D)	
6/21/2016	2.2	
8/15/2016	2.2	
10/5/2016	2.1	
12/1/2016	2.1	
2/8/2017	2.3	
4/6/2017	2.2	
6/21/2017	2.3	
10/5/2017	2.3	
3/21/2018	2.3	
10/2/2018	2.6	
3/27/2019	2.4	
9/11/2019	2.9	
3/18/2020	4.1	
9/9/2020	4.3	
4/1/2021	4.4	
8/17/2021	3.1	
2/15/2022	4.6	
8/25/2022	5	
2/21/2023		4.3
8/9/2023		3.7
3/1/2024		5

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Inrawell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-11	GWC-11
4/13/2016	1.78 (D)	
6/21/2016	2	
8/15/2016	1.9	
10/5/2016	1.8	
12/1/2016	1.8	
2/8/2017	1.8	
4/6/2017	1.7	
6/20/2017	1.7	
10/5/2017	1.7	
3/21/2018	1.6	
10/2/2018	1.7	
3/27/2019	1.5	
9/11/2019	1.8	
3/18/2020	1.9	
9/10/2020	1.9	
4/1/2021	1.9	
8/11/2021	1.8	
2/16/2022	1.7	
8/25/2022	1.8	
2/27/2023		1.8
8/9/2023		1.7
2/29/2024		2.2

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Intravel

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-12	GWC-12
4/13/2016	1.8 (D)	
6/21/2016	2	
8/15/2016	1.8	
10/5/2016	1.7	
12/1/2016	1.7	
2/8/2017	1.7	
4/5/2017	1.7	
6/20/2017	1.6	
10/5/2017	1.6	
3/21/2018	1.6 (D)	
10/2/2018	1.6	
3/26/2019	1.7	
9/11/2019	1.9	
3/18/2020	2.1	
9/10/2020	1.8	
4/1/2021	2	
8/11/2021	1.8	
2/16/2022	1.9	
8/26/2022	1.7	
2/27/2023		1.9
8/9/2023		1.8
2/29/2024		2.3

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Intravel
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-13	GWC-13
4/13/2016	1.82 (D)	
6/21/2016	1.9	
8/15/2016	1.6	
10/7/2016	1.5	
12/1/2016	1.4	
2/9/2017	1.5	
4/6/2017	1.4	
6/22/2017	1.5	
10/6/2017	1.3	
3/22/2018	1.4	
10/3/2018	1.5	
3/26/2019	1.6	
9/11/2019	1.5	
3/18/2020	1.6	
9/10/2020	1.7	
4/6/2021	1.8	
8/11/2021	1.6	
2/16/2022	1.5	
8/26/2022	1.5	
2/27/2023		1.5
8/9/2023		1.4
3/1/2024		1.8

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Inrawell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-14	GWC-14
4/13/2016	2.71 (D)	
6/21/2016	3	
8/15/2016	3.1	
10/4/2016	3	
12/1/2016	3.1	
2/7/2017	2.9	
4/6/2017	2.7	
6/20/2017	2.9	
10/5/2017	2.8	
3/20/2018	2.7	
10/2/2018	3	
3/26/2019	2.5	
9/11/2019	3.1	
3/18/2020	3	
9/9/2020	2.9	
4/1/2021	3.8	
8/11/2021	3.7	
2/16/2022	3.2	
8/26/2022	3.3	
2/27/2023		3.5
8/9/2023		3.5
3/1/2024		4.7

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Inrawell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-18	GWC-18
4/11/2016	2.53	
6/16/2016	2.5	
8/11/2016	2.6	
10/5/2016	2.5	
11/29/2016	2.4	
2/8/2017	2.5	
4/6/2017	2.4	
6/21/2017	2.4	
10/5/2017	2.3	
3/20/2018	2.3	
10/2/2018	2.5	
3/26/2019	2.7	
9/11/2019	2.6	
3/18/2020	2.7	
9/9/2020	2.8	
4/1/2021	2.8	
8/11/2021	2.9	
2/16/2022	2.7	
8/25/2022	2.8	
2/28/2023		2.8
8/9/2023		2.6
2/29/2024		3.2

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Inrawell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-19	GWC-19
4/11/2016	1.84	
6/16/2016	1.9	
8/11/2016	1.9	
10/5/2016	1.7	
11/29/2016	1.7	
2/8/2017	1.7	
4/5/2017	1.7	
6/21/2017	1.7	
10/5/2017	1.6	
3/20/2018	1.6	
10/2/2018	1.7	
3/26/2019	1.8	
9/12/2019	1.5	
3/19/2020	2.2	
9/9/2020	2.4	
6/1/2021	2.6	
8/11/2021	2.8	
2/16/2022	2.4	
8/25/2022	2.4	
2/28/2023		2.6
8/8/2023		2.6
2/29/2024		3.1

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Inrawell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-2	GWC-2
4/12/2016	2.34	
6/16/2016	2.4	
8/11/2016	2.4	
10/4/2016	2.2	
11/30/2016	2.2	
2/7/2017	2.1	
4/6/2017	2.1	
6/20/2017	2.1	
10/4/2017	2	
3/20/2018	2	
10/2/2018	2	
3/26/2019	1.9	
9/10/2019	1.7	
3/18/2020	2.4	
9/9/2020	2	
4/1/2021	2.5	
8/12/2021	2.5	
2/15/2022	2.2	
8/26/2022	2.1	
2/27/2023		2.2
8/9/2023		2.1
3/1/2024		2.5

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Inrawell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-20	GWC-20
4/12/2016	2.03	
6/16/2016	2.2	
8/11/2016	2.1	
10/5/2016	1.9	
11/30/2016	2	
2/8/2017	2	
4/6/2017	<1	
6/21/2017	1.9	
10/5/2017	1.9	
3/21/2018	1.8	
10/3/2018	2	
3/26/2019	1.9	
9/12/2019	1.6	
3/19/2020	2.2	
9/10/2020	2.1	
6/1/2021	2.1	
8/11/2021	2.1	
2/16/2022	2	
8/25/2022	2.1	
2/28/2023		2.2
8/8/2023		2.2
3/1/2024		2.5

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Inrawell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-3	GWC-3
4/12/2016	3.04 (D)	
6/20/2016	3.1	
8/16/2016	3.2	
10/5/2016	3.2	
11/30/2016	3.3	
2/8/2017	3.5	
4/6/2017	3.4	
6/21/2017	3.5	
10/5/2017	3.5	
3/21/2018	3.4	
10/3/2018	3.5	
3/26/2019	3	
9/10/2019	2.5	
3/18/2020	2.8	
9/10/2020	2.7	
4/6/2021	2.9	
8/12/2021	3.3	
2/15/2022	2.7	
8/25/2022	3.2	
2/28/2023		3.1
8/9/2023		3.2
3/4/2024		3

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Intravel

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-4	GWC-4
4/12/2016	4.57	
6/20/2016	3.1	
8/16/2016	3.2	
10/6/2016	3.4	
11/30/2016	4.1	
2/8/2017	7.2	
4/6/2017	7.4	
6/22/2017	7.8	
10/6/2017	9.1	
3/21/2018	13	
10/3/2018	13	
3/26/2019	9.2	
9/10/2019	5.1	
3/19/2020	8.7	
9/10/2020	9.7	
4/2/2021	11	
8/12/2021	12	
2/15/2022	11	
8/25/2022	11	
2/27/2023		16
5/2/2023		24
8/8/2023		16
2/29/2024		21

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Intravel

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-5	GWC-5
4/19/2016	124 (o)	
6/22/2016	81	
8/16/2016	71	
10/6/2016	68	
12/1/2016	74	
2/9/2017	76	
4/6/2017	92	
6/21/2017	100	
10/5/2017	67	
3/22/2018	74	
10/3/2018	46	
3/27/2019	42	
9/11/2019	19	
3/18/2020	30	
9/9/2020	8.7	
4/1/2021	18	
8/12/2021	22	
2/15/2022	16	
8/25/2022	12	
2/28/2023		11
8/8/2023		8.2
2/29/2024		8.2

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Intravel
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-6	GWC-6
6/20/2016	6.8	
8/16/2016	7.6	
10/6/2016	7.3	
11/30/2016	7.1	
2/9/2017	5.8	
4/6/2017	5.7	
6/21/2017	6.1	
10/6/2017	5.1	
3/21/2018	5.4	
10/3/2018	5.7	
3/26/2019	4.2	
9/11/2019	7.2	
3/18/2020	4	
9/10/2020	6.3	
6/2/2021	6.3	
8/11/2021	6.5	
2/15/2022	6.1	
8/25/2022	6.2	
2/27/2023		5.2
8/8/2023		5.5
2/29/2024		7

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Intravel

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-7	GWC-7
4/13/2016	1.68 (D)	
6/20/2016	2	
8/15/2016	1.8	
10/6/2016	1.7	
12/1/2016	1.7	
2/9/2017	1.7	
4/7/2017	1.7	
6/22/2017	1.6	
10/6/2017	1.6	
3/22/2018	1.6	
10/4/2018	1.7	
3/27/2019	1.7	
9/11/2019	2.1	
3/19/2020	2.1	
9/10/2020	2.5	
4/1/2021	2.9	
8/11/2021	3	
2/15/2022	2.7	
8/25/2022	3	
2/27/2023		3.5
8/8/2023		3.8
2/29/2024		4.8

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - IntraWell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-8A	GWC-8A
4/19/2016	6.9	
10/10/2016	7.2	
12/1/2016	7.1	
2/9/2017	7.2	
4/7/2017	7.5	
6/21/2017	7.6	
8/15/2017	7.8	
9/1/2017	7.6	
3/22/2018	7	
10/4/2018	6.1	
3/27/2019	6.6	
9/11/2019	7	
3/18/2020	8.5	
9/9/2020	11	
6/1/2021	9.4	
8/12/2021	7.8	
2/15/2022	9.1	
8/25/2022	7.5	
2/27/2023		8.8
8/8/2023		8.2
2/29/2024		8.1

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Inrawell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-9	GWC-9
4/13/2016	3.64 (D)	
6/22/2016	3.8	
8/15/2016	3.7	
10/6/2016	3.4	
12/1/2016	4	
2/8/2017	4	
4/6/2017	4	
6/21/2017	3.3	
10/5/2017	3.3	
3/21/2018	3.6	
10/2/2018	3.1	
3/27/2019	3	
9/11/2019	3.4	
3/18/2020	3.4	
9/9/2020	3.2	
4/1/2021	4.3	
8/12/2021	4.1	
2/15/2022	3.7	
8/25/2022	4.2	
2/27/2023		4.2
8/8/2023		4
3/1/2024		5.2

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - IntraWell
Plant Scherer Data: Scherer Cell 1-CCR

	GWA-15	GWA-15
4/6/2016	0.017 (J)	
6/15/2016	<0.1	
8/10/2016	<0.1	
10/4/2016	<0.1	
11/30/2016	<0.1	
2/7/2017	<0.1	
4/4/2017	<0.1	
6/20/2017	<0.1	
10/4/2017	<0.1	
3/20/2018	<0.1 (D)	
10/2/2018	<0.1	
3/26/2019	<0.1	
9/10/2019	<0.1	
3/18/2020	0.036 (J)	
9/9/2020	<0.1	
4/1/2021	<0.1	
8/11/2021	0.036 (J)	
2/15/2022	0.054 (J)	
8/25/2022	<0.1	
2/28/2023		0.077 (J)
8/3/2023		<0.1
3/4/2024		<0.1

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Intravel
Plant Scherer Data: Scherer Cell 1-CCR

	GWA-16	GWA-16
4/6/2016	0.048 (J)	
6/15/2016	<0.1	
8/10/2016	<0.1	
10/4/2016	<0.1	
11/29/2016	<0.1	
2/7/2017	<0.1	
4/4/2017	<0.1	
6/20/2017	<0.1	
10/5/2017	<0.1	
3/20/2018	<0.1	
10/2/2018	<0.1	
3/26/2019	0.041 (J)	
9/10/2019	0.047 (J)	
3/18/2020	0.041 (J)	
9/9/2020	0.034 (J)	
4/1/2021	0.035 (J)	
8/11/2021	0.05 (J)	
2/15/2022	0.079 (J)	
8/25/2022	0.047 (J)	
2/28/2023		0.089 (J)
8/3/2023		0.074 (J)
2/28/2024		<0.1

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Intravel
Plant Scherer Data: Scherer Cell 1-CCR

	GWA-17	GWA-17
4/6/2016	0.039 (J)	
6/15/2016	<0.1	
8/10/2016	<0.1	
10/5/2016	<0.1	
11/29/2016	<0.1	
2/7/2017	<0.1	
4/4/2017	<0.1	
6/20/2017	<0.1	
10/5/2017	<0.1	
3/20/2018	<0.1	
10/2/2018	<0.1	
3/26/2019	0.042 (J)	
9/10/2019	0.046 (J)	
3/18/2020	0.071 (J)	
9/9/2020	0.036 (J)	
4/1/2021	0.042 (J)	
8/11/2021	0.053 (J)	
2/15/2022	0.083 (J)	
8/24/2022	0.047 (J)	
2/28/2023		0.067 (J)
8/3/2023		0.068 (J)
2/28/2024		<0.1

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Intravel
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-1	GWC-1
4/12/2016	0.087 (J)	
6/16/2016	0.04 (J)	
8/11/2016	0.092 (J)	
10/4/2016	<0.1	
11/30/2016	0.091 (J)	
2/7/2017	<0.1	
4/5/2017	<0.1	
6/20/2017	0.082 (J)	
10/4/2017	<0.1	
3/20/2018	<0.1	
10/2/2018	0.089 (J)	
3/26/2019	0.072 (J)	
9/10/2019	0.077 (J)	
3/18/2020	0.098 (J)	
9/9/2020	0.069 (J)	
4/1/2021	0.081 (J)	
10/18/2021	0.081 (J)	
2/15/2022	0.12	
5/12/2022	0.048 (J,R)	
8/24/2022	0.075 (J)	
2/27/2023		0.08 (J)
8/9/2023		0.11
3/1/2024		<0.1

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Intravel
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-10	GWC-10
4/13/2016	0.082 (JD)	
6/21/2016	0.02 (J)	
8/15/2016	<0.1	
10/5/2016	<0.1	
12/1/2016	<0.1	
2/8/2017	<0.1	
4/6/2017	<0.1	
6/21/2017	<0.1	
10/5/2017	<0.1	
3/21/2018	<0.1	
10/2/2018	<0.1	
3/27/2019	0.077 (J)	
9/11/2019	0.067 (J)	
3/18/2020	0.088 (J)	
9/9/2020	0.055 (J)	
4/1/2021	0.086 (J)	
8/17/2021	0.083 (J)	
2/15/2022	0.099 (J)	
8/25/2022	0.065 (J)	
2/21/2023		0.061 (J)
8/9/2023		0.083 (J)
3/1/2024		<0.1

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Intravel
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-11	GWC-11
4/13/2016	0.061 (JD)	
6/21/2016	0.03 (J)	
8/15/2016	<0.1	
10/5/2016	<0.1	
12/1/2016	<0.1	
2/8/2017	<0.1	
4/6/2017	<0.1	
6/20/2017	<0.1	
10/5/2017	<0.1	
3/21/2018	<0.1	
10/2/2018	<0.1	
3/27/2019	0.048 (J)	
9/11/2019	0.054 (J)	
3/18/2020	0.064 (J)	
9/10/2020	0.052 (J)	
4/1/2021	0.042 (J)	
8/11/2021	0.051 (J)	
2/16/2022	<0.1	
8/25/2022	0.059 (J)	
2/27/2023		0.064 (J)
8/9/2023		0.071 (J)
2/29/2024		<0.1

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Intravel
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-12	GWC-12
4/13/2016	0.01 (JD)	
6/21/2016	<0.1	
8/15/2016	<0.1	
10/5/2016	<0.1	
12/1/2016	<0.1	
2/8/2017	<0.1	
4/5/2017	<0.1	
6/20/2017	<0.1	
10/5/2017	<0.1	
3/21/2018	<0.1 (D)	
10/2/2018	<0.1	
3/26/2019	0.026 (J)	
9/11/2019	0.039 (J)	
3/18/2020	0.046 (J)	
9/10/2020	<0.1	
4/1/2021	<0.1	
8/11/2021	0.029 (J)	
2/16/2022	<0.1	
8/26/2022	0.026 (J)	
2/27/2023		0.032 (J)
8/9/2023		<0.1
2/29/2024		<0.1

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Intravel
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-13	GWC-13
4/13/2016	0.039 (JD)	
6/21/2016	<0.1	
8/15/2016	<0.1	
10/7/2016	<0.1	
12/1/2016	<0.1	
2/9/2017	<0.1	
4/6/2017	<0.1	
6/22/2017	<0.1	
10/6/2017	<0.1	
3/22/2018	<0.1	
10/3/2018	<0.1	
3/26/2019	0.04 (J)	
9/11/2019	0.051 (J)	
3/18/2020	0.055 (J)	
9/10/2020	0.034 (J)	
4/6/2021	0.026 (J)	
8/11/2021	0.045 (J)	
2/16/2022	<0.1	
8/26/2022	0.055 (J)	
2/27/2023		0.055 (J)
8/9/2023		0.06 (J)
3/1/2024		<0.1

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Intravel
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-14	GWC-14
4/13/2016	0.027 (JD)	
6/21/2016	<0.1	
8/15/2016	<0.1	
10/4/2016	<0.1	
12/1/2016	<0.1	
2/7/2017	<0.1	
4/6/2017	<0.1	
6/20/2017	<0.1	
10/5/2017	<0.1	
3/20/2018	<0.1	
10/2/2018	<0.1	
3/26/2019	0.034 (J)	
9/11/2019	0.045 (J)	
3/18/2020	0.068 (J)	
9/9/2020	<0.1	
4/1/2021	<0.1	
8/11/2021	0.045 (J)	
2/16/2022	<0.1	
8/26/2022	0.068 (J)	
2/27/2023		0.047 (J)
8/9/2023		<0.1
3/1/2024		<0.1

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Intravel
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-18	GWC-18
4/11/2016	0.047 (J)	
6/16/2016	<0.1	
8/11/2016	<0.1	
10/5/2016	<0.1	
11/29/2016	<0.1	
2/8/2017	<0.1	
4/6/2017	<0.1	
6/21/2017	<0.1	
10/5/2017	<0.1	
3/20/2018	<0.1	
10/2/2018	<0.1	
3/26/2019	0.046 (J)	
9/11/2019	0.055 (J)	
3/18/2020	<0.1	
9/9/2020	0.045 (J)	
4/1/2021	0.041 (J)	
8/11/2021	0.062 (J)	
2/16/2022	0.034 (J)	
8/25/2022	0.047 (J)	
2/28/2023		0.12
8/9/2023		0.066 (J)
2/29/2024		<0.1

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Intravel
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-19	GWC-19
4/11/2016	0.048 (J)	
6/16/2016	<0.1	
8/11/2016	<0.1	
10/5/2016	<0.1	
11/29/2016	<0.1	
2/8/2017	<0.1	
4/5/2017	<0.1	
6/21/2017	<0.1	
10/5/2017	<0.1	
3/20/2018	<0.1	
10/2/2018	<0.1	
3/26/2019	0.04 (J)	
9/12/2019	0.032 (J)	
3/19/2020	<0.1	
9/9/2020	0.034 (J)	
6/1/2021	0.026 (J)	
8/11/2021	0.047 (J)	
2/16/2022	0.028 (J)	
8/25/2022	0.042 (J)	
2/28/2023		0.079 (J)
8/8/2023		0.067 (J)
2/29/2024		<0.1

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Intravel

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-2	GWC-2
4/12/2016	0.046 (J)	
6/16/2016	<0.1	
8/11/2016	<0.1	
10/4/2016	<0.1	
11/30/2016	<0.1	
2/7/2017	<0.1	
4/6/2017	<0.1	
6/20/2017	<0.1	
10/4/2017	<0.1	
3/20/2018	<0.1	
10/2/2018	<0.1	
3/26/2019	0.046 (J)	
9/10/2019	0.048 (J)	
3/18/2020	0.055 (J)	
9/9/2020	0.033 (J)	
4/1/2021	0.043 (J)	
8/12/2021	0.054 (J)	
2/15/2022	0.072 (J)	
8/26/2022	0.048 (J)	
2/27/2023		0.055 (J)
8/9/2023		0.068 (J)
3/1/2024		<0.1

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Intravel
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-20	GWC-20
4/12/2016	0.056 (J)	
6/16/2016	<0.1	
8/11/2016	<0.1	
10/5/2016	<0.1	
11/30/2016	<0.1	
2/8/2017	<0.1	
4/6/2017	<0.1	
6/21/2017	<0.1	
10/5/2017	<0.1	
3/21/2018	<0.1	
10/3/2018	<0.1	
3/26/2019	0.045 (J)	
9/12/2019	0.044 (J)	
3/19/2020	<0.1	
9/10/2020	0.051 (J)	
6/1/2021	0.033 (J)	
8/11/2021	0.051 (J)	
2/16/2022	<0.1	
8/25/2022	0.05 (J)	
2/28/2023		0.089 (J)
8/8/2023		0.053 (J)
3/1/2024		<0.1

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Intravel
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-3	GWC-3
4/12/2016	0.057 (JD)	
6/20/2016	0.04 (J)	
8/16/2016	<0.1	
10/5/2016	<0.1	
11/30/2016	<0.1	
2/8/2017	<0.1	
4/6/2017	<0.1	
6/21/2017	<0.1	
10/5/2017	<0.1	
3/21/2018	<0.1	
10/3/2018	<0.1	
3/26/2019	0.046 (J)	
9/10/2019	0.058 (J)	
3/18/2020	0.091 (J)	
9/10/2020	0.063 (J)	
4/6/2021	0.045 (J)	
8/12/2021	0.084 (J)	
2/15/2022	0.092 (J)	
8/25/2022	0.059 (J)	
2/28/2023		0.08 (J)
8/9/2023		0.076 (J)
3/4/2024		<0.1

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Intravel
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-4	GWC-4
4/12/2016	0.121 (J)	
6/20/2016	0.04 (J)	
8/16/2016	0.13 (J)	
10/6/2016	0.1 (J)	
11/30/2016	0.13 (J)	
2/8/2017	0.093 (J)	
4/6/2017	0.1 (J)	
6/22/2017	0.11 (J)	
10/6/2017	0.096 (J)	
3/21/2018	0.094 (J)	
10/3/2018	0.1 (J+X)	
3/26/2019	0.087 (J)	
9/10/2019	0.097 (J)	
3/19/2020	0.038 (J)	
9/10/2020	0.1	
4/2/2021	0.097 (J)	
8/12/2021	0.11	
2/15/2022	0.13	
8/25/2022	0.077 (J)	
2/27/2023		0.075 (J)
8/8/2023		0.1
2/29/2024		<0.1

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Intravel
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-5	GWC-5
4/19/2016	0.024 (J)	
6/22/2016	<0.1	
8/16/2016	<0.1	
10/6/2016	<0.1	
12/1/2016	<0.1	
2/9/2017	<0.1	
4/6/2017	<0.1	
6/21/2017	<0.1	
10/5/2017	<0.1	
3/22/2018	<0.1	
10/3/2018	<0.1	
3/27/2019	0.038 (J)	
9/11/2019	0.045 (J)	
3/18/2020	0.055 (J)	
9/9/2020	0.033 (J)	
4/1/2021	0.029 (J)	
8/12/2021	0.045 (J)	
2/15/2022	0.16	
5/12/2022	0.03 (J,R)	
8/25/2022	0.047 (J)	
2/28/2023		0.065 (J)
8/8/2023		0.066 (J)
2/29/2024		<0.1

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Intravel
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-6	GWC-6
4/12/2016	0.061 (J)	
6/20/2016	<0.1	
8/16/2016	<0.1	
10/6/2016	<0.1	
11/30/2016	<0.1	
2/9/2017	<0.1	
4/6/2017	<0.1	
6/21/2017	<0.1	
10/6/2017	<0.1	
3/21/2018	<0.1	
10/3/2018	<0.1	
3/26/2019	0.058 (J)	
9/11/2019	0.058 (J)	
3/18/2020	0.082 (J)	
9/10/2020	0.052 (J)	
6/2/2021	0.038 (J)	
8/11/2021	0.055 (J)	
2/15/2022	0.095 (J)	
8/25/2022	0.058 (J)	
2/27/2023		0.072 (J)
8/8/2023		0.1
2/29/2024		<0.1

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Intravel
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-7	GWC-7
4/13/2016	0.061 (JD)	
6/20/2016	0.12 (J)	
8/15/2016	<0.1	
10/6/2016	<0.1	
12/1/2016	<0.1	
2/9/2017	<0.1	
4/7/2017	<0.1	
6/22/2017	<0.1	
10/6/2017	<0.1	
3/22/2018	<0.1	
10/4/2018	<0.1	
3/27/2019	0.04 (J)	
9/11/2019	0.057 (J)	
3/19/2020	<0.1	
9/10/2020	0.053 (J)	
4/1/2021	0.072 (J)	
8/11/2021	0.058 (J)	
2/15/2022	0.083 (J)	
8/25/2022	0.051 (J)	
2/27/2023		0.054 (J)
8/8/2023		0.084 (J)
2/29/2024		<0.1

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Intravel
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-8A	GWC-8A
4/19/2016	0.135 (J)	
10/10/2016	0.12 (J)	
12/1/2016	0.12 (J)	
2/9/2017	0.11 (J)	
4/7/2017	0.15 (J)	
6/21/2017	0.21	
8/15/2017	0.1 (J)	
9/1/2017	0.084 (J)	
3/22/2018	0.091 (J)	
10/4/2018	0.14 (J+X)	
3/27/2019	0.071 (J)	
9/11/2019	0.071 (J)	
3/18/2020	0.073 (J)	
9/9/2020	0.038 (J)	
6/1/2021	0.034 (J)	
8/12/2021	0.087 (J)	
2/15/2022	0.096 (J)	
8/25/2022	0.059 (J)	
2/27/2023		0.097 (J)
8/8/2023		0.053 (J)
2/29/2024		<0.1

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-9	GWC-9
4/13/2016	0.083 (JD)	
6/22/2016	0.03 (J)	
8/15/2016	<0.1	
10/6/2016	<0.1	
12/1/2016	<0.1	
2/8/2017	<0.1	
4/6/2017	<0.1	
6/21/2017	<0.1	
10/5/2017	0.084 (J)	
3/21/2018	<0.1	
10/2/2018	<0.1	
3/27/2019	0.066 (J)	
9/11/2019	0.067 (J)	
3/18/2020	0.096 (J)	
9/9/2020	0.067 (J)	
4/1/2021	0.072 (J)	
8/12/2021	0.085 (J)	
2/15/2022	0.096 (J)	
8/25/2022	0.064 (J)	
2/27/2023		0.07 (J)
8/8/2023		0.088 (J)
3/1/2024		<0.1

Prediction Limit

Constituent: pH (S.U.) Analysis Run 3/29/2024 12:02 PM View: Appendix III - IntraWell
Plant Scherer Data: Scherer Cell 1-CCR

	GWA-15	GWA-15
5/20/2014	5.27	
11/12/2014	5.7	
5/22/2015	5.52	
11/11/2015	5.63	
4/6/2016	5.5 (D)	
6/15/2016	5.52	
8/10/2016	5.5	
10/4/2016	5.56	
11/30/2016	5.46	
2/7/2017	5.28	
4/1/2017	5.48	
4/4/2017	5.48	
6/20/2017	5.44	
10/4/2017	5.44	
3/20/2018	5.48	
10/2/2018	5.49	
3/26/2019	5.41	
3/18/2020	5.42	
9/9/2020	5.71	
4/1/2021	5.31	
8/11/2021	5.5	
2/15/2022	5.4	
8/25/2022	5.4	
2/28/2023		5.4
8/3/2023		5.48
3/4/2024		5.24

Prediction Limit

Constituent: pH (S.U.) Analysis Run 3/29/2024 12:02 PM View: Appendix III - IntraWell
Plant Scherer Data: Scherer Cell 1-CCR

	GWA-16	GWA-16
5/20/2014	6.18	
11/8/2014	6.52	
5/22/2015	6.3	
11/11/2015	6.36	
4/6/2016	6.46 (D)	
6/15/2016	6.39	
8/10/2016	6.39	
10/4/2016	6.4	
11/29/2016	6.36	
2/7/2017	6.45	
4/4/2017	6.37	
6/20/2017	6.4	
10/5/2017	6.42	
3/20/2018	6.36	
10/2/2018	6.38	
3/26/2019	6.42	
3/18/2020	6.29	
9/9/2020	6.33	
4/1/2021	6.44	
8/11/2021	6.35	
2/15/2022	6.46	
8/25/2022	6.42	
2/28/2023		6.45
8/3/2023		6.24
2/28/2024		6.49

Prediction Limit

Constituent: pH (S.U.) Analysis Run 3/29/2024 12:02 PM View: Appendix III - IntraWell
Plant Scherer Data: Scherer Cell 1-CCR

	GWA-17	GWA-17
5/20/2014	5.68	
11/8/2014	6.04	
5/22/2015	5.87	
11/9/2015	5.97	
4/6/2016	5.937 (D)	
6/15/2016	5.96	
8/10/2016	5.94	
10/5/2016	5.86	
11/29/2016	5.82	
2/7/2017	6.15	
4/4/2017	6	
6/20/2017	6.34	
10/5/2017	5.93	
3/20/2018	5.97	
10/2/2018	6.03	
3/26/2019	6.12	
3/18/2020	6.03	
9/9/2020	6.05	
4/1/2021	6.14	
8/11/2021	6.14	
2/15/2022	6.2	
8/24/2022	6.22	
2/28/2023		6.19
8/3/2023		6.22
2/28/2024		6.41

Prediction Limit

Constituent: pH (S.U.) Analysis Run 3/29/2024 12:02 PM View: Appendix III - IntraWell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-1	GWC-1
5/23/2014	6.46	
11/13/2014	6.67	
5/23/2015	6.53	
11/11/2015	6.71	
4/12/2016	6.53 (D)	
6/16/2016	6.49	
8/11/2016	6.5	
10/4/2016	6.5	
11/30/2016	6.48	
2/7/2017	6.38	
4/5/2017	6.36	
6/20/2017	6.45	
10/4/2017	6.5	
3/20/2018	6.63	
10/2/2018	6.57	
3/26/2019	6.54	
3/18/2020	6.53	
9/9/2020	6.57	
4/1/2021	6.52	
10/18/2021	6.36	
2/15/2022	6.83	
5/12/2022	6.55 (R)	
8/24/2022	6.42	
2/27/2023		6.56
8/9/2023		6.57
3/1/2024		6.71

Prediction Limit

Constituent: pH (S.U.) Analysis Run 3/29/2024 12:02 PM View: Appendix III - IntraWell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-10	GWC-10
5/21/2014	6.3	
11/12/2014	6.49	
5/23/2015	6.3	
11/12/2015	6.45	
4/13/2016	6.42 (D)	
6/21/2016	6.36	
8/15/2016	6.3	
10/5/2016	6.25	
12/1/2016	6.32	
2/8/2017	6.04	
4/6/2017	6.35	
6/21/2017	6.2	
10/5/2017	6.21	
3/21/2018	6.56	
10/2/2018	6.35	
3/27/2019	6.53	
3/18/2020	6.34	
9/9/2020	6.4	
4/1/2021	6.35	
10/18/2021	6.25	
2/15/2022	6.48	
5/12/2022	6.31 (R)	
8/25/2022	6.2	
12/28/2022	6.36 (R)	
2/21/2023		6.33
5/2/2023		6.3
8/9/2023		6.3
3/1/2024		6.47

Prediction Limit

Constituent: pH (S.U.) Analysis Run 3/29/2024 12:02 PM View: Appendix III - IntraWell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-11	GWC-11
5/20/2014	6.14	
11/12/2014	6.33	
5/24/2015	6.04	
11/12/2015	6.31	
4/13/2016	6.17 (D)	
6/21/2016	6.19	
8/15/2016	6.15	
10/5/2016	6.1	
12/1/2016	6.15	
2/8/2017	5.9	
4/6/2017	6.13	
6/20/2017	6.12	
10/5/2017	6.11	
3/21/2018	6.21	
10/2/2018	6.21	
3/27/2019	6.22	
3/18/2020	6.17	
9/10/2020	6.16	
4/1/2021	6.11	
8/11/2021	6.21	
2/16/2022	6.16	
8/25/2022	6.01	
2/27/2023		6.19
8/9/2023		6.24
2/29/2024		6.26

Prediction Limit

Constituent: pH (S.U.) Analysis Run 3/29/2024 12:02 PM View: Appendix III - IntraWell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-12	GWC-12
5/20/2014	4.86	
11/12/2014	5.3	
5/23/2015	5.04	
11/12/2015	5.31	
4/13/2016	5.22 (D)	
6/21/2016	5.2	
8/15/2016	5.12	
10/5/2016	5.07	
10/7/2016	5.07	
12/1/2016	5.08	
2/8/2017	4.76	
4/5/2017	5.1	
6/20/2017	5.13	
10/5/2017	5.1	
3/21/2018	5.33	
10/2/2018	5.16	
3/26/2019	5.25	
3/18/2020	5.19	
9/10/2020	5.1	
4/1/2021	5.18	
8/11/2021	5.2	
2/16/2022	5.11	
8/26/2022	5.07	
2/27/2023		5.2
8/9/2023		5.1
2/29/2024		5.24

Prediction Limit

Constituent: pH (S.U.) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-13	GWC-13
5/20/2014	5.6	
11/12/2014	6.02	
5/24/2015	5.81	
11/12/2015	5.93	
4/13/2016	5.88 (D)	
6/21/2016	5.9	
8/15/2016	5.86	
10/4/2016	5.85	
10/7/2016	5.85	
12/1/2016	5.85	
2/9/2017	5.92	
4/6/2017	5.85	
6/22/2017	5.9	
10/6/2017	5.88	
3/22/2018	5.88	
10/3/2018	5.95	
3/26/2019	5.89	
3/18/2020	5.81	
9/10/2020	5.83	
4/6/2021	5.95	
8/11/2021	5.92	
2/16/2022	5.79	
8/26/2022	5.91	
2/27/2023		5.94
8/9/2023		5.95
3/1/2024		5.9

Prediction Limit

Constituent: pH (S.U.) Analysis Run 3/29/2024 12:02 PM View: Appendix III - IntraWell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-14	GWC-14
5/20/2014	5.38	
11/12/2014	5.77	
5/24/2015	5.53	
11/11/2015	5.68	
4/13/2016	5.58 (D)	
6/21/2016	5.59	
8/15/2016	5.56	
10/4/2016	5.66	
12/1/2016	5.54	
2/7/2017	5.42	
4/6/2017	5.55	
6/20/2017	5.57	
10/5/2017	5.55	
3/20/2018	5.73	
10/2/2018	5.68	
3/26/2019	5.63	
3/18/2020	5.61	
9/9/2020	5.88	
4/1/2021	5.53	
8/11/2021	5.61	
2/16/2022	5.6	
8/26/2022	5.51	
2/27/2023		5.62
8/9/2023		5.57
3/1/2024		5.55

Prediction Limit

Constituent: pH (S.U.) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-18	GWC-18
5/23/2014	6.19	
11/8/2014	6.42	
5/22/2015	6.26	
11/10/2015	6.29	
4/11/2016	6.3 (D)	
6/16/2016	6.34	
8/11/2016	6.28	
10/5/2016	6.27	
11/29/2016	6.39	
2/8/2017	6.35	
4/6/2017	6.26	
6/21/2017	6.24	
10/5/2017	6.31	
3/20/2018	6.34	
10/2/2018	6.38	
3/26/2019	6.38	
3/18/2020	6.32	
9/9/2020	6.3	
4/1/2021	6.37	
8/11/2021	6.43	
2/16/2022	6.54	
5/12/2022	6.39 (R)	
8/25/2022	6.45	
2/28/2023		6.36
8/9/2023		6.41
2/29/2024		6.51

Prediction Limit

Constituent: pH (S.U.) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-19	GWC-19
5/22/2014	6.37	
11/8/2014	6.51	
5/22/2015	6.35	
11/10/2015	6.41	
4/11/2016	6.36 (D)	
6/16/2016	6.35	
8/11/2016	6.37	
10/5/2016	5.78 (O)	
11/29/2016	6.44	
2/8/2017	6.4	
4/5/2017	6.35	
6/21/2017	6.36	
10/5/2017	6.41	
3/20/2018	6.37	
10/2/2018	6.41	
3/26/2019	6.35	
3/19/2020	6.27	
9/9/2020	6.27	
4/5/2021	6.37	
6/1/2021	6.18	
8/11/2021	6.35	
2/16/2022	6.47	
8/25/2022	6.36	
12/28/2022	6.29 (R)	
2/28/2023		6.29
8/8/2023		6.32
2/29/2024		6.33

Prediction Limit

Constituent: pH (S.U.) Analysis Run 3/29/2024 12:02 PM View: Appendix III - IntraWell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-2	GWC-2
5/22/2014	6.74	
11/13/2014	6.94	
5/24/2015	7	
11/11/2015	6.55	
4/12/2016	6.52	
6/16/2016	6.38	
8/11/2016	6.38	
10/4/2016	6.39	
11/30/2016	6.38	
2/7/2017	6.43	
4/6/2017	6.23	
6/20/2017	6.36	
10/4/2017	6.35	
3/20/2018	6.52	
10/2/2018	6.51	
3/26/2019	6.44	
3/18/2020	6.41	
9/9/2020	6.44	
4/1/2021	7.32 (o)	
8/12/2021	6.41	
2/15/2022	6.61	
8/26/2022	6.37	
2/27/2023		6.41
8/9/2023		6.6
3/1/2024		6.5

Prediction Limit

Constituent: pH (S.U.) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-20	GWC-20
5/22/2014	6.33	
11/9/2014	6.66	
5/22/2015	6.49	
11/10/2015	6.53	
4/12/2016	6.53 (D)	
6/16/2016	6.51	
8/11/2016	6.49	
10/5/2016	6.46	
11/30/2016	6.5	
2/8/2017	6.59	
4/6/2017	6.47	
6/21/2017	6.53	
10/5/2017	6.51	
3/21/2018	6.5	
10/3/2018	6.48	
3/26/2019	6.52	
3/19/2020	6.47	
9/10/2020	6.49	
4/5/2021	6.64	
6/1/2021	6.39	
8/11/2021	6.58	
2/16/2022	6.71	
5/12/2022	6.52 (R)	
8/25/2022	6.62	
12/28/2022	6.56 (R)	
2/28/2023		6.53
8/8/2023		6.59
3/1/2024		6.73

Prediction Limit

Constituent: pH (S.U.) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-3	GWC-3
5/22/2014	5.82	
11/9/2014	6.1	
5/22/2015	5.92	
11/16/2015	6.02	
4/12/2016	5.97 (D)	
6/20/2016	5.93	
8/12/2016	5.86	
8/16/2016	5.86	
10/5/2016	5.1 (O)	
11/30/2016	5.88	
2/8/2017	5.89	
4/6/2017	5.84	
6/21/2017	5.91	
10/5/2017	5.93	
3/21/2018	5.96	
10/3/2018	5.97	
3/26/2019	6.02	
3/18/2020	5.9	
9/10/2020	6.24	
4/6/2021	6.01	
8/12/2021	6.12	
2/15/2022	5.87	
8/25/2022	5.99	
2/28/2023		6
5/2/2023		6.27
8/9/2023		6.07
3/4/2024		6.11

Prediction Limit

Constituent: pH (S.U.) Analysis Run 3/29/2024 12:02 PM View: Appendix III - IntraWell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-4	GWC-4
5/22/2014	6.17	
11/9/2014	6.45	
5/22/2015	6.26	
11/11/2015	6.3	
4/12/2016	6.44 (D)	
6/20/2016	6.33	
8/16/2016	6.3	
10/6/2016	6.21	
11/30/2016	6.26	
2/8/2017	6.35	
4/6/2017	6.29	
6/22/2017	6.31	
10/6/2017	5.9	
3/21/2018	6.23	
10/3/2018	6.25	
3/26/2019	6.34	
3/19/2020	6.32	
9/10/2020	6.46	
4/2/2021	6.35	
8/12/2021	6.3	
2/15/2022	6.37	
5/12/2022	6.19 (R)	
8/25/2022	6.19	
12/28/2022	6.2 (R)	
2/27/2023		6.17
5/2/2023		6.13
8/8/2023		6.3
2/29/2024		6.31

Prediction Limit

Constituent: pH (S.U.) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-5	GWC-5
5/22/2014	5.89	
11/9/2014	6.14	
5/24/2015	5.7	
11/11/2015	5.78	
4/19/2016	5.55	
6/22/2016	5.6	
8/16/2016	5.7	
10/6/2016	5.64	
12/1/2016	5.62	
2/9/2017	5.64	
4/6/2017	5.66	
6/21/2017	5.68	
10/5/2017	5.64	
3/22/2018	5.9	
10/3/2018	5.74	
3/27/2019	5.78	
3/18/2020	5.81	
9/9/2020	6.08	
4/1/2021	6.01	
8/12/2021	5.87	
2/15/2022	6.16	
5/12/2022	5.99 (R)	
8/25/2022	5.96	
2/28/2023		6
8/8/2023		6.16
2/29/2024		6.25

Prediction Limit

Constituent: pH (S.U.) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Intrawell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-6	GWC-6
5/21/2014	6.09	
11/9/2014	6.36	
5/24/2015	6.17	
11/11/2015	6.19	
4/12/2016	6.22	
6/20/2016	6.2	
8/12/2016	6.17	
10/6/2016	6.14	
11/30/2016	6.14	
2/9/2017	6.18	
4/6/2017	6.17	
6/21/2017	6.17	
10/6/2017	6.19	
3/21/2018	6.21	
10/3/2018	6.22	
3/26/2019	6.25	
3/18/2020	6.19	
9/10/2020	6.43	
4/5/2021	6.36	
6/2/2021	6.09	
8/11/2021	6.14	
2/15/2022	6.1	
8/25/2022	6.13	
2/27/2023		6.16
8/8/2023		6.37
2/29/2024		6.37

Prediction Limit

Constituent: pH (S.U.) Analysis Run 3/29/2024 12:02 PM View: Appendix III - IntraWell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-7	GWC-7
5/21/2014	6.25	
5/24/2015	6.32	
11/11/2015	6.35	
4/13/2016	6.42	
6/20/2016	6.4	
8/15/2016	6.31	
10/6/2016	6.27	
12/1/2016	6.28	
2/9/2017	6.32	
4/7/2017	6.28	
6/22/2017	6.29	
10/6/2017	5.96	
3/22/2018	6.34	
10/4/2018	6.36	
3/27/2019	6.38	
3/19/2020	6.41	
9/10/2020	6.32	
4/1/2021	6.4	
8/11/2021	6.26	
2/15/2022	6.22	
8/25/2022	6.31	
2/27/2023		6.35
5/2/2023		6.38
8/8/2023		6.48
2/29/2024		6.57

Prediction Limit

Constituent: pH (S.U.) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Intrawell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-8A	GWC-8A
5/21/2014	7.11	
11/13/2014	6.55	
5/23/2015	6.36	
11/11/2015	6.36	
4/19/2016	6.4	
6/23/2016	6.35	
8/23/2016	6.29	
10/10/2016	6.3	
12/1/2016	6.37	
2/9/2017	6.39	
2/27/2017	6.24	
4/7/2017	6.93	
6/21/2017	7.11 (D)	
8/15/2017	6.95	
9/1/2017	6.86	
10/9/2017	6.75	
3/22/2018	7.05	
10/4/2018	7.26	
3/27/2019	6.69	
3/18/2020	6.42	
9/9/2020	6.3	
4/5/2021	6.35	
6/1/2021	6.28	
8/12/2021	6.37	
2/15/2022	6.34	
8/25/2022	6.29	
2/27/2023		6.27
5/2/2023		6.23
8/8/2023		6.38
2/29/2024		6.52

Prediction Limit

Constituent: pH (S.U.) Analysis Run 3/29/2024 12:02 PM View: Appendix III - IntraWell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-9	GWC-9
5/21/2014	6.31	
11/12/2014	6.81	
5/23/2015	6.42	
11/12/2015	6.7	
4/13/2016	6.59	
6/22/2016	6.49	
8/15/2016	6.61	
10/6/2016	6.55	
12/1/2016	6.59	
2/8/2017	6.63	
4/6/2017	6.58	
6/21/2017	6.56	
10/5/2017	6.58	
3/21/2018	6.76	
10/2/2018	6.65	
3/27/2019	6.7	
3/18/2020	6.61	
9/9/2020	6.8	
4/1/2021	6.28	
8/12/2021	6.66	
2/15/2022	6.61	
8/25/2022	6.48	
12/28/2022	6.62 (R)	
2/27/2023		6.57
8/8/2023		6.63
3/1/2024		6.82

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - IntraWell

Plant Scherer Data: Scherer Cell 1-CCR

	GWA-15	GWA-15
4/6/2016	0.799 (J)	
6/15/2016	<0.7	
8/10/2016	<0.7	
10/4/2016	<0.7	
11/30/2016	<0.7	
2/7/2017	0.8 (J)	
4/4/2017	<0.7	
6/20/2017	<0.7	
10/4/2017	<0.7	
3/20/2018	1.2	
10/2/2018	<0.7	
3/26/2019	2.1	
9/10/2019	0.65 (J)	
3/18/2020	3.1	
9/9/2020	1.6	
4/1/2021	2.7	
8/11/2021	1.3	
2/15/2022	2.6	
8/25/2022	1.9	
2/28/2023		3.5
8/3/2023		1.7
3/4/2024		2.8

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - IntraWell

Plant Scherer Data: Scherer Cell 1-CCR

	GWA-16	GWA-16
4/6/2016	<1	
6/15/2016	<1	
8/10/2016	<1	
10/4/2016	<1	
11/29/2016	<1	
2/7/2017	<1	
4/4/2017	<1	
6/20/2017	<1	
10/5/2017	<1	
3/20/2018	<1	
10/2/2018	<1	
3/26/2019	<1	
9/10/2019	<1	
3/18/2020	0.67 (J)	
9/9/2020	<1	
4/1/2021	<1	
8/11/2021	<1	
2/15/2022	<1	
8/25/2022	<1	
2/28/2023		1.4
8/3/2023		0.4 (J)
2/28/2024		<1

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - IntraWell

Plant Scherer Data: Scherer Cell 1-CCR

	GWA-17	GWA-17
4/6/2016	<1	
6/15/2016	<1	
8/10/2016	<1	
10/5/2016	<1	
11/29/2016	<1	
2/7/2017	<1	
4/4/2017	<1	
6/20/2017	<1	
10/5/2017	<1	
3/20/2018	<1	
10/2/2018	<1	
3/26/2019	0.58 (J)	
9/10/2019	0.44 (J)	
3/18/2020	0.51 (J)	
9/9/2020	<1	
4/1/2021	<1	
8/11/2021	<1	
2/15/2022	<1	
8/24/2022	<1	
2/28/2023		1.3
8/3/2023		<1
2/28/2024		<1

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - IntraWell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-1	GWC-1
4/12/2016	0.617 (J)	
6/16/2016	<1	
8/11/2016	<1	
10/4/2016	<1	
11/30/2016	<1	
2/7/2017	0.92 (J)	
4/5/2017	1	
6/20/2017	0.76 (J)	
10/4/2017	<1	
3/20/2018	0.95 (J)	
10/2/2018	<1	
3/26/2019	0.53 (J)	
9/10/2019	0.69 (J)	
3/18/2020	0.84 (J)	
9/9/2020	0.77 (J)	
4/1/2021	<1	
8/18/2021	0.79 (J)	
2/15/2022	1.5	
8/24/2022	<1	
2/27/2023		1.6
8/9/2023		0.46 (J)
3/1/2024		0.79 (J)

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - IntraWell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-10	GWC-10
4/13/2016	0.51 (JD)	
6/21/2016	0.58 (J)	
8/15/2016	<1	
10/5/2016	<1	
12/1/2016	<1	
2/8/2017	1	
4/6/2017	0.81 (J)	
6/21/2017	1.1	
10/5/2017	1.1	
3/21/2018	1.1	
10/2/2018	1.2	
3/27/2019		1.6
9/11/2019		1.8
3/18/2020		2.4
9/9/2020		2.6
4/1/2021		2.7
8/17/2021		1.2
2/15/2022		3.5
5/12/2022		2.7 (R)
8/25/2022		3.7
2/21/2023		4.7
5/2/2023		4.3
8/9/2023		2.3
3/1/2024		4.7

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - IntraWell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-11	GWC-11
4/13/2016	<1 (D)	
6/21/2016	0.16 (J)	
8/15/2016	<1	
10/5/2016	<1	
12/1/2016	<1	
2/8/2017	<1	
4/6/2017	<1	
6/20/2017	<1	
10/5/2017	<1	
3/21/2018	<1	
10/2/2018	<1	
3/27/2019	<1	
9/11/2019	0.63 (J)	
3/18/2020	<1	
9/10/2020	<1	
4/1/2021	<1	
8/11/2021	<1	
2/16/2022	<1	
8/25/2022	<1	
2/27/2023		0.88 (J)
8/9/2023		<1
2/29/2024		<1

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - IntraWell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-12	GWC-12
4/13/2016	<1 (D)	
6/21/2016	0.2 (J)	
8/15/2016	<1	
10/5/2016	<1	
12/1/2016	<1	
2/8/2017	<1	
4/5/2017	<1	
6/20/2017	<1	
10/5/2017	<1	
3/21/2018	<1 (D)	
10/2/2018	<1	
3/26/2019	0.49 (J)	
9/11/2019	0.5 (J)	
3/18/2020	1.3	
9/10/2020	<1	
4/1/2021	<1	
8/11/2021	<1	
2/16/2022	<1	
8/26/2022	0.77 (J)	
2/27/2023		1.2
8/9/2023		<1
2/29/2024		<1

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - IntraWell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-13	GWC-13
4/13/2016	0.646 (JD)	
6/21/2016	0.57 (J)	
8/15/2016	<1	
10/7/2016	<1	
12/1/2016	<1	
2/9/2017	<1	
4/6/2017	<1	
6/22/2017	<1	
10/6/2017	<1	
3/22/2018	<1	
10/3/2018	<1	
3/26/2019	1.3	
9/11/2019	0.81 (J)	
3/18/2020	25 (o)	
9/10/2020	1.3	
4/6/2021	0.9 (J)	
8/11/2021	0.89 (J)	
2/16/2022	<1	
8/26/2022	1.3	
2/27/2023		1.6
8/9/2023		1.3
3/1/2024		1.2

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - IntraWell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-14	GWC-14
4/13/2016	<1 (D)	
6/21/2016	0.16 (J)	
8/15/2016	<1	
10/4/2016	<1	
12/1/2016	<1	
2/7/2017	<1	
4/6/2017	<1	
6/20/2017	<1	
10/5/2017	<1	
3/20/2018	<1	
10/2/2018	<1	
3/26/2019	0.64 (J)	
9/11/2019	0.5 (J)	
3/18/2020	<1	
9/9/2020	<1	
4/1/2021	<1	
8/11/2021	<1	
2/16/2022	<1	
8/26/2022	0.79 (J)	
2/27/2023		1.2
8/9/2023		<1
3/1/2024		<1

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - IntraWell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-18	GWC-18
4/11/2016	<1	
6/16/2016	<1	
8/11/2016	<1	
10/5/2016	<1	
11/29/2016	<1	
2/8/2017	<1	
4/6/2017	<1	
6/21/2017	<1	
10/5/2017	<1	
3/20/2018	<1	
10/2/2018	<1	
3/26/2019	0.39 (J)	
9/11/2019	0.61 (J)	
3/18/2020	0.62 (J)	
9/9/2020	<1	
4/1/2021	<1	
8/11/2021	<1	
2/16/2022	<1	
8/25/2022	<1	
2/28/2023		1.2
8/9/2023		<1
2/29/2024		1.8

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - IntraWell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-19	GWC-19
4/11/2016	<1	
6/16/2016	<1	
8/11/2016	<1	
10/5/2016	<1	
11/29/2016	<1	
2/8/2017	<1	
4/5/2017	<1	
6/21/2017	<1	
10/5/2017	<1	
3/20/2018	<1	
10/2/2018	<1	
3/26/2019	<1	
9/12/2019	<1	
3/19/2020	0.64 (J)	
9/9/2020	1.2	
6/1/2021	1.9	
8/11/2021	<1	
2/16/2022	<1	
8/25/2022	<1	
2/28/2023		1.2
8/8/2023		<1
2/29/2024		<1

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - IntraWell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-2	GWC-2
4/12/2016	0.56 (J)	
6/16/2016	<1	
8/11/2016	<1	
10/4/2016	<1	
11/30/2016	<1	
2/7/2017	<1	
4/6/2017	<1	
6/20/2017	<1	
10/4/2017	<1	
3/20/2018	<1	
10/2/2018	<1	
3/26/2019	0.99 (J)	
9/10/2019	0.63 (J)	
3/18/2020	0.59 (J)	
9/9/2020	0.59 (J)	
4/1/2021	1.1	
8/12/2021	<1	
2/15/2022	0.79 (J)	
8/26/2022	1.1	
2/27/2023		1.6
8/9/2023		0.51 (J)
3/1/2024		1.2

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Intravel

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-20	GWC-20
4/12/2016	<1	
6/16/2016	<1	
8/11/2016	<1	
10/5/2016	<1	
11/30/2016	<1	
2/8/2017	<1	
4/6/2017	<1	
6/21/2017	<1	
10/5/2017	<1	
3/21/2018	<1	
10/3/2018	<1	
3/26/2019	0.45 (J)	
9/12/2019	<1	
3/19/2020	0.71 (J)	
9/10/2020	<1	
6/1/2021	1.4	
8/11/2021	<1	
2/16/2022	<1	
8/25/2022	<1	
2/28/2023		1.3
8/8/2023		<1
3/1/2024		0.68 (J)

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - IntraWell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-3	GWC-3
4/12/2016	0.419 (JD)	
6/20/2016	0.6 (J)	
8/16/2016	<1	
10/5/2016	<1	
11/30/2016	1.1	
2/8/2017	<1	
4/6/2017	<1	
6/21/2017	<1	
10/5/2017	<1	
3/21/2018	<1	
10/3/2018	<1	
3/26/2019	0.47 (J)	
9/10/2019	0.7 (J)	
3/18/2020	0.6 (J)	
9/10/2020	<1	
4/6/2021	<1	
8/12/2021	<1	
2/15/2022	0.91 (J)	
8/25/2022	0.99 (J)	
2/28/2023		4.7
5/2/2023		4.2
8/9/2023		3.6
10/4/2023		3.1 (R)
3/4/2024		10

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Intravel

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-4	GWC-4
4/12/2016	3.56	
6/20/2016	2.4	
8/16/2016	1.7	
10/6/2016	1.2	
11/30/2016	1.2	
2/8/2017	4.6	
4/6/2017	4.1	
6/22/2017	3.4	
10/6/2017	3	
3/21/2018	4.9	
10/3/2018	2.9	
3/26/2019	3.2	
9/10/2019	1.7	
3/19/2020	4.6	
9/10/2020	1.6	
4/2/2021		4.6
8/12/2021		3.5
2/15/2022		20
5/12/2022		33 (R)
8/25/2022		19
12/28/2022		32 (R)
2/27/2023		56
8/8/2023		53
2/29/2024		84

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - IntraWell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-5	GWC-5
4/19/2016	575 (o)	
6/22/2016	470	
8/16/2016	360	
10/6/2016	300	
12/1/2016	340	
2/9/2017	350	
4/6/2017	380	
6/21/2017	490	
10/5/2017	380	
3/22/2018	400	
10/3/2018	270	
3/27/2019	260	
9/11/2019	130	
3/18/2020	170	
9/9/2020	110	
4/1/2021	100	
8/12/2021	140	
2/15/2022	100	
8/25/2022	100	
2/28/2023		87
8/8/2023		79
2/29/2024		75

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - IntraWell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-6	GWC-6
4/12/2016	7.55	
6/20/2016	14	
8/16/2016	12	
10/6/2016	13	
11/30/2016	14	
2/9/2017	9.5	
4/6/2017	9.7	
6/21/2017	13	
10/6/2017	7.3	
3/21/2018	9.5	
10/3/2018	10	
3/26/2019	6.3	
9/11/2019	12	
3/18/2020	5.6	
9/10/2020	9.4	
6/2/2021	13	
8/11/2021	11	
2/15/2022	13	
8/25/2022	12	
2/27/2023		13
8/8/2023		6.5
2/29/2024		25

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - IntraWell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-7	GWC-7
4/13/2016	<1 (D)	
6/20/2016	0.36 (J)	
8/15/2016	<1	
10/6/2016	<1	
12/1/2016	<1	
2/9/2017	<1	
4/7/2017	<1	
6/22/2017	<1	
10/6/2017	<1	
3/22/2018	<1	
10/4/2018	<1	
3/27/2019	0.51 (J)	
9/11/2019	0.52 (J)	
3/19/2020	0.54 (J)	
9/10/2020	<1	
4/1/2021	<1	
8/11/2021	<1	
2/15/2022	<1	
8/25/2022	<1	
2/27/2023		1.4
8/8/2023		<1
2/29/2024		1.5

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - IntraWell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-8A	GWC-8A
4/19/2016	32.7	
10/10/2016	33	
12/1/2016	31	
2/9/2017	34	
4/7/2017	37	
6/21/2017	35	
8/15/2017	42	
9/1/2017	40	
3/22/2018	39	
10/4/2018	30	
3/27/2019	18	
9/11/2019	32	
3/18/2020	16	
9/9/2020	11	
6/1/2021	17	
8/12/2021	27	
2/15/2022	11	
8/25/2022	22	
2/27/2023		12
8/8/2023		7.8
2/29/2024		18

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - IntraWell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-9	GWC-9
4/13/2016	8.66 (D)	
6/22/2016	6.3	
8/15/2016	8	
10/6/2016	10	
12/1/2016	15	
2/8/2017	13	
4/6/2017	14	
6/21/2017	11	
10/5/2017	10	
3/21/2018	12	
10/2/2018	8.2	
3/27/2019	6.8	
9/11/2019	9.6	
3/18/2020	6.9	
9/9/2020	8.4	
4/1/2021	9.7	
8/12/2021	9.7	
2/15/2022	7.2	
8/25/2022	19	
2/27/2023		13
8/8/2023		13
3/1/2024		17

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Intrawell

Plant Scherer Data: Scherer Cell 1-CCR

	GWA-15	GWA-15
4/6/2016	38	
6/15/2016	<10	
8/10/2016	56	
10/4/2016	48	
11/30/2016	46	
2/7/2017	18	
4/4/2017	32	
6/20/2017	38	
10/4/2017	42	
3/20/2018	20 (JX)	
10/2/2018	48	
3/26/2019	45	
9/10/2019	42	
3/18/2020	43	
9/9/2020	<10	
4/1/2021	55	
8/11/2021	55	
2/15/2022	42	
8/25/2022	86	
2/28/2023		50
8/3/2023		53
3/4/2024		41

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Intrawell

Plant Scherer Data: Scherer Cell 1-CCR

	GWA-16	GWA-16
4/6/2016	84	
6/15/2016	139	
8/10/2016	80	
10/4/2016	62	
11/29/2016	110	
2/7/2017	70	
4/4/2017	120	
6/20/2017	76	
10/5/2017	110	
3/20/2018	110	
10/2/2018	110	
3/26/2019	100	
9/10/2019	75	
3/18/2020	93	
9/9/2020	66	
4/1/2021	100	
8/11/2021	100	
2/15/2022	99	
8/25/2022	130	
2/28/2023		110
8/3/2023		110
2/28/2024		100

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Intrawell

Plant Scherer Data: Scherer Cell 1-CCR

	GWA-17	GWA-17
4/6/2016	61	
6/15/2016	113	
8/10/2016	74	
10/5/2016	44	
11/29/2016	58	
2/7/2017	4 (J)	
4/4/2017	78	
6/20/2017	50	
10/5/2017	64	
3/20/2018	90	
10/2/2018	90	
3/26/2019	82	
9/10/2019	51	
3/18/2020	75	
9/9/2020	64	
4/1/2021	68	
8/11/2021	94	
2/15/2022	79	
8/24/2022	110	
2/28/2023		94
8/3/2023		85
2/28/2024		85

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Intrawell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-1	GWC-1
4/12/2016	147	
6/16/2016	150	
8/11/2016	110	
10/4/2016	140	
11/30/2016	130	
2/7/2017	130	
4/5/2017	130	
6/20/2017	120	
10/4/2017	130	
3/20/2018	110	
10/2/2018	140	
3/26/2019	150	
9/10/2019	130	
3/18/2020	130	
9/9/2020	120	
4/1/2021	120	
8/18/2021	150	
2/15/2022	120	
8/24/2022	160	
2/27/2023		160
8/9/2023		140
3/1/2024		150

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Intrawell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-10	GWC-10
4/13/2016	103 (D)	
6/21/2016	214 (O)	
8/15/2016	130	
10/5/2016	84	
12/1/2016	130	
2/8/2017	130	
4/6/2017	130	
6/21/2017	120	
10/5/2017	140	
3/21/2018	120	
10/2/2018	150	
3/27/2019	140	
9/11/2019	110	
3/18/2020	140	
9/9/2020	160	
4/1/2021	140	
8/17/2021	160	
2/15/2022	150	
8/25/2022	170	
2/21/2023		150
8/9/2023		140
3/1/2024		150

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Intrawell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-11	GWC-11
4/13/2016	99 (D)	
6/21/2016	293 (o)	
8/15/2016	90	
10/5/2016	70	
12/1/2016	120	
2/8/2017	86	
4/6/2017	130	
6/20/2017	86	
10/5/2017	94	
3/21/2018	100	
10/2/2018	120	
3/27/2019	100	
9/11/2019	94	
3/18/2020	100	
9/10/2020	95	
4/1/2021	90	
8/11/2021	120	
2/16/2022	79	
8/25/2022	130	
2/27/2023		120
8/9/2023		98
2/29/2024		110

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Intrawell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-12	GWC-12
4/13/2016	<5 (D)	
6/21/2016	110	
8/15/2016	<5	
10/5/2016	<5	
12/1/2016	16	
2/8/2017	12	
4/5/2017	18	
6/20/2017	<5	
10/5/2017	28	
3/21/2018	28 (JX)	
10/2/2018	38	
3/26/2019	29	
9/11/2019	14	
3/18/2020	26	
9/10/2020	13	
4/1/2021	17	
8/11/2021	18	
2/16/2022	16	
8/26/2022	29	
2/27/2023		39
8/9/2023		27
2/29/2024		32

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Intrawell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-13	GWC-13
4/13/2016	60 (D)	
6/21/2016	195 (O)	
8/15/2016	42	
10/7/2016	24	
12/1/2016	68	
2/9/2017	56	
4/6/2017	68	
6/22/2017	56	
10/6/2017	90	
3/22/2018	76	
10/3/2018	22	
3/26/2019	59	
9/11/2019	33	
3/18/2020	100	
9/10/2020	60	
4/6/2021	55	
8/11/2021	75	
2/16/2022	55	
8/26/2022	84	
2/27/2023		87
8/9/2023		74
3/1/2024		74

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Intrawell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-14	GWC-14
4/13/2016	56 (D)	
6/21/2016	68	
8/15/2016	46	
10/4/2016	60	
12/1/2016	70	
2/7/2017	40	
4/6/2017	74	
6/20/2017	34	
10/5/2017	98	
3/20/2018	42	
10/2/2018	40	
3/26/2019	60	
9/11/2019	26	
3/18/2020	57	
9/9/2020	54	
4/1/2021	43	
8/11/2021	71	
2/16/2022	46	
8/26/2022	91	
2/27/2023		70
8/9/2023		64
3/1/2024		63

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Intrawell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-18	GWC-18
4/11/2016	89	
6/16/2016	88	
8/11/2016	52	
10/5/2016	76	
11/29/2016	72	
2/8/2017	74	
4/6/2017	84	
6/21/2017	88	
10/5/2017	110	
3/20/2018	92	
10/2/2018	100	
3/26/2019	94	
9/11/2019	77	
3/18/2020	92	
9/9/2020	77	
4/1/2021	62	
8/11/2021	98	
2/16/2022	70	
8/25/2022	130	
2/28/2023		100
8/9/2023		95
2/29/2024		96

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Intrawell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-19	GWC-19
4/11/2016	99	
6/16/2016	102	
8/11/2016	38	
10/5/2016	26	
11/29/2016	82	
2/8/2017	78	
4/5/2017	100	
6/21/2017	100	
10/5/2017	100	
3/20/2018	100	
10/2/2018	130	
3/26/2019	100	
9/12/2019	70	
3/19/2020	110	
9/9/2020	120	
6/1/2021	130	
8/11/2021	120	
2/16/2022	110	
8/25/2022	150	
2/28/2023		130
8/8/2023		130
2/29/2024		130

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Intrawell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-2	GWC-2
4/12/2016	93	
6/16/2016	130	
8/11/2016	92	
10/4/2016	120	
11/30/2016	130	
2/7/2017	36	
4/6/2017	150	
6/20/2017	92	
10/4/2017	120	
3/20/2018	120	
10/2/2018	140	
3/26/2019	130	
9/10/2019	140	
3/18/2020	140	
9/9/2020	110	
4/1/2021	120	
8/12/2021	130	
2/15/2022	120	
8/26/2022	180	
2/27/2023		140
8/9/2023		120
3/1/2024		140

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Intrawell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-20	GWC-20
4/12/2016	104	
6/16/2016	111	
8/11/2016	70	
10/5/2016	92	
11/30/2016	92	
2/8/2017	98	
4/6/2017	92	
6/21/2017	100	
10/5/2017	130	
3/21/2018	100	
10/3/2018	130	
3/26/2019	110	
9/12/2019	84	
3/19/2020	120	
9/10/2020	110	
6/1/2021	120	
8/11/2021	110	
2/16/2022	110	
8/25/2022	140	
2/28/2023		120
8/8/2023		130
3/1/2024		130

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Intrawell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-3	GWC-3
4/12/2016	92 (D)	
6/20/2016	78	
8/16/2016	76	
10/5/2016	64	
11/30/2016	82	
2/8/2017	92	
4/6/2017	88	
6/21/2017	88	
10/5/2017	86	
3/21/2018	98	
10/3/2018	60	
3/26/2019	86	
9/10/2019	66	
3/18/2020	72	
9/10/2020	59	
4/6/2021	81	
8/12/2021	89	
2/15/2022	53	
8/25/2022	110	
2/28/2023		72
8/9/2023		88
3/4/2024		99

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Intrawell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-4	GWC-4
4/12/2016	80	
6/20/2016	111	
8/16/2016	100	
10/6/2016	110	
11/30/2016	110	
2/8/2017	120	
4/6/2017	130	
6/22/2017	110	
10/6/2017	120	
3/21/2018	160	
10/3/2018	120	
3/26/2019	130	
9/10/2019	93	
3/19/2020	130	
9/10/2020	130	
4/2/2021	150	
8/12/2021	130	
2/15/2022	140	
8/25/2022	170	
2/27/2023		240
5/2/2023		290
8/8/2023		220
2/29/2024		260

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Intrawell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-5	GWC-5
4/19/2016	1290	
6/22/2016	1060	
8/16/2016	880	
10/6/2016	820	
12/1/2016	900	
2/9/2017	940	
4/6/2017	1100	
6/21/2017	1200	
10/5/2017	950	
3/22/2018	1000	
10/3/2018	620	
3/27/2019	580	
9/11/2019	310	
3/18/2020	430	
9/9/2020	270	
4/1/2021	260	
8/12/2021	370	
2/15/2022	290	
8/25/2022	290	
2/28/2023		240
8/8/2023		230
2/29/2024		190

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Intrawell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-6	GWC-6
4/12/2016	138	
6/20/2016	154	
8/16/2016	140	
10/6/2016	150	
11/30/2016	160	
2/9/2017	160	
4/6/2017	140	
6/21/2017	150	
10/6/2017	160	
3/21/2018	170	
10/3/2018	120	
3/26/2019	130	
9/11/2019	120	
3/18/2020	140	
9/10/2020	140	
6/2/2021	140	
8/11/2021	160	
2/15/2022	140	
8/25/2022	170	
2/27/2023		150
8/8/2023		110
2/29/2024		160

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Intrawell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-7	GWC-7
4/13/2016	130 (D)	
6/20/2016	116	
8/15/2016	92	
10/6/2016	110	
12/1/2016	140	
2/9/2017	120	
4/7/2017	120	
6/22/2017	100	
10/6/2017	140	
3/22/2018	130	
10/4/2018	110	
3/27/2019	120	
9/11/2019	100	
3/19/2020	98	
9/10/2020	120	
4/1/2021	110	
8/11/2021	130	
2/15/2022	140	
8/25/2022	150	
2/27/2023		140
8/8/2023		130
2/29/2024		130

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Intrawell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-8A	GWC-8A
4/19/2016	179	
10/10/2016	110 (O)	
12/1/2016	170	
2/9/2017	180	
4/7/2017	200	
6/21/2017	190	
8/15/2017	190	
9/1/2017	160	
3/22/2018	220	
10/17/2018	170	
3/27/2019	300	
9/11/2019	210	
3/18/2020	300	
9/9/2020	360	
6/1/2021	340	
8/12/2021	240	
2/15/2022	330	
8/25/2022	270	
2/27/2023		340
8/8/2023		910
10/4/2023		240 (R)
2/29/2024		270

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 3/29/2024 12:02 PM View: Appendix III - Intrawell

Plant Scherer Data: Scherer Cell 1-CCR

	GWC-9	GWC-9
4/13/2016	135 (D)	
6/22/2016	199	
8/15/2016	120	
10/6/2016	140	
12/1/2016	160	
2/8/2017	130	
4/6/2017	140	
6/21/2017	150	
10/5/2017	170	
3/21/2018	160	
10/2/2018	34	
3/27/2019	140	
9/11/2019	130	
3/18/2020	130	
9/9/2020	150	
4/1/2021	120	
8/12/2021	150	
2/15/2022	140	
8/25/2022	180	
2/27/2023		170
8/8/2023		150
3/1/2024		160

FIGURE F.

Appendix I Interwell Prediction Limits - Two-Step - Significant Results

Plant Scherer Data: Scherer Cell 1-CCR Printed 3/29/2024, 11:50 AM

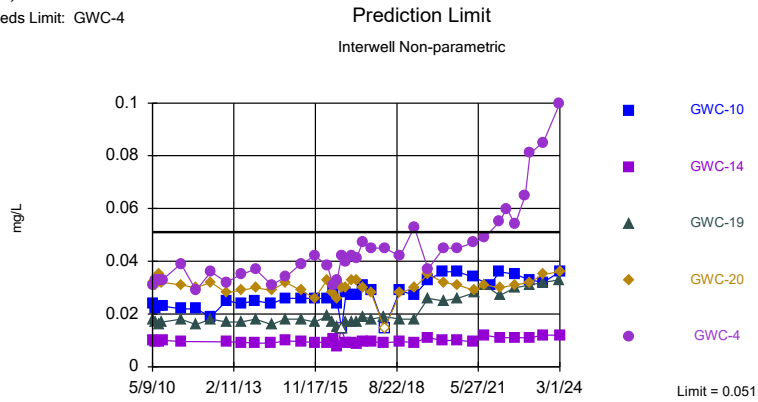
Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBg	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium, Total (mg/L)	GWC-4	0.051	n/a	2/29/2024	0.1	Yes	108	n/a	n/a	n/a	1.852	n/a	n/a	0.0001684	NP Inter (normality) 1 of 2
Nickel (mg/L)	GWC-10	0.00202	n/a	3/1/2024	0.0048	Yes	92	n/a	n/a	n/a	83.7	n/a	n/a	0.0002259	NP Inter (NDs) 1 of 2
Nickel (mg/L)	GWC-14	0.00202	n/a	3/1/2024	0.0081	Yes	92	n/a	n/a	n/a	83.7	n/a	n/a	0.0002259	NP Inter (NDs) 1 of 2
Zinc (mg/L)	GWC-14	0.0084	n/a	3/1/2024	0.024	Yes	93	n/a	n/a	n/a	93.55	n/a	n/a	0.0002216	NP Inter (NDs) 1 of 2

Appendix I Interwell Prediction Limits - Two-Step - All Results

Plant Scherer Data: Scherer Cell 1-CCR Printed 3/29/2024, 11:50 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBg	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium, Total (mg/L)	GWC-10	0.051	n/a	3/1/2024	0.036	No	108	n/a	n/a	n/a	1.852	n/a	n/a	0.0001684	NP Inter (normality) 1 of 2
Barium, Total (mg/L)	GWC-14	0.051	n/a	3/1/2024	0.012	No	108	n/a	n/a	n/a	1.852	n/a	n/a	0.0001684	NP Inter (normality) 1 of 2
Barium, Total (mg/L)	GWC-19	0.051	n/a	2/29/2024	0.033	No	108	n/a	n/a	n/a	1.852	n/a	n/a	0.0001684	NP Inter (normality) 1 of 2
Barium, Total (mg/L)	GWC-20	0.051	n/a	3/1/2024	0.036	No	108	n/a	n/a	n/a	1.852	n/a	n/a	0.0001684	NP Inter (normality) 1 of 2
Barium, Total (mg/L)	GWC-4	0.051	n/a	2/29/2024	0.1	Yes	108	n/a	n/a	n/a	1.852	n/a	n/a	0.0001684	NP Inter (normality) 1 of 2
Nickel (mg/L)	GWC-10	0.00202	n/a	3/1/2024	0.0048	Yes	92	n/a	n/a	n/a	83.7	n/a	n/a	0.0002259	NP Inter (NDs) 1 of 2
Nickel (mg/L)	GWC-14	0.00202	n/a	3/1/2024	0.0081	Yes	92	n/a	n/a	n/a	83.7	n/a	n/a	0.0002259	NP Inter (NDs) 1 of 2
Zinc (mg/L)	GWC-14	0.0084	n/a	3/1/2024	0.024	Yes	93	n/a	n/a	n/a	93.55	n/a	n/a	0.0002216	NP Inter (NDs) 1 of 2

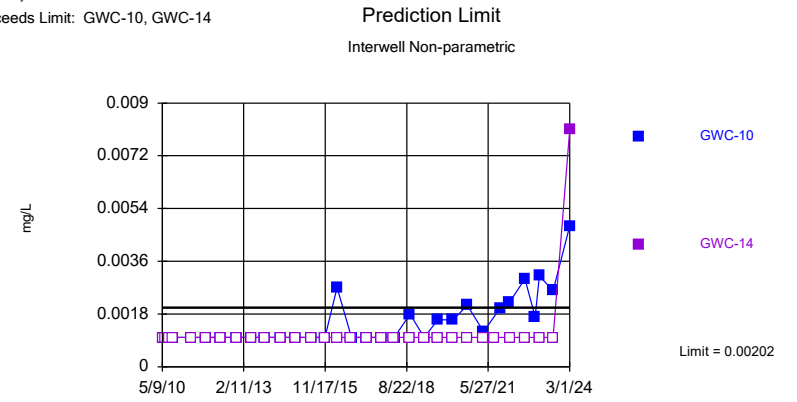
Sanitas™ v.10.0.16b Software licensed to . UG
 Hollow symbols indicate censored values.
 Exceeds Limit: GWC-4



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 108 background values. 1.852% NDs. Annual per-constituent alpha = 0.005708. Individual comparison alpha = 0.0001684 (1 of 2). Comparing 5 points to limit. Assumes 12 future values.

Constituent: Barium, Total Analysis Run 3/29/2024 11:49 AM View: Appendix I - Exceedances
 Plant Scherer Data: Scherer Cell 1-CCR

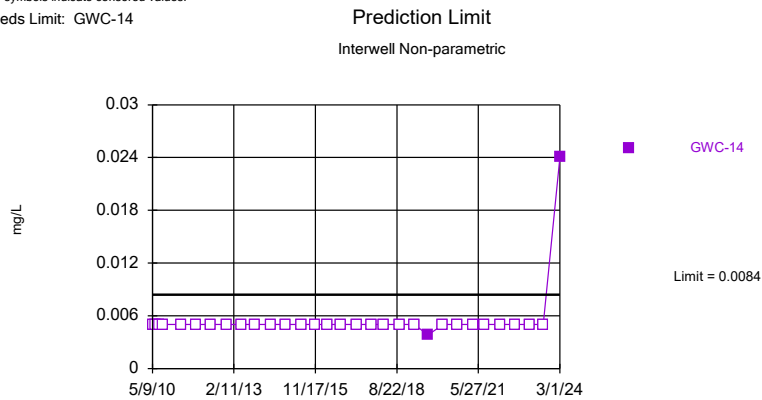
Sanitas™ v.10.0.16b Software licensed to . UG
 Hollow symbols indicate censored values.
 Exceeds Limit: GWC-10, GWC-14



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 92 background values. 83.7% NDs. Annual per-constituent alpha = 0.007652. Individual comparison alpha = 0.0002259 (1 of 2). Comparing 2 points to limit. Assumes 15 future values.

Constituent: Nickel Analysis Run 3/29/2024 11:49 AM View: Appendix I - Exceedances
 Plant Scherer Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.16b Software licensed to . UG
 Hollow symbols indicate censored values.
 Exceeds Limit: GWC-14



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 93 background values. 93.55% NDs. Annual per-constituent alpha = 0.007505. Individual comparison alpha = 0.0002216 (1 of 2). Assumes 16 future values.

Constituent: Zinc Analysis Run 3/29/2024 11:49 AM View: Appendix I - Exceedances
 Plant Scherer Data: Scherer Cell 1-CCR

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 3/29/2024 11:50 AM View: Appendix I - Exceedances

Plant Scherer Data: Scherer Cell 1-CCR

	GWA-17 (bg)	GWA-15 (bg)	GWC-14	GWA-16 (bg)	GWC-10	GWC-20	GWC-19	GWC-4
5/8/2010	0.048 (J)							
5/9/2010		0.01 (J)	0.01 (J)	0.031 (J)				
5/10/2010					0.024 (J)			
5/11/2010						0.032 (J)	0.018 (J)	0.031 (J)
6/16/2010	0.044 (J)			0.029 (J)	0.022 (J)		0.017 (J)	
6/17/2010						0.031 (J)		0.033 (J)
6/18/2010		0.01 (J)	0.0097 (J)					
7/26/2010	0.042 (J)							
7/27/2010				0.029 (J)		0.035 (J)	0.016 (J)	
7/28/2010		0.011 (J)	0.0096 (J)		0.023 (J)			0.033 (J)
9/7/2010	0.04 (J)			0.028 (J)		0.032 (J)	0.017 (J)	
9/8/2010					0.023 (J)			0.033 (J)
9/9/2010		0.011 (J)	0.01 (J)					
4/28/2011								0.039 (J)
4/29/2011	0.038 (J)			0.026 (J)	0.022 (J)	0.031 (J)	0.018 (J)	
4/30/2011		0.0091 (J)	0.0096 (J)					
10/27/2011					0.022			
10/28/2011	0.034	0.0096 (J)	0.0064 (O)	0.025		0.03	0.016	
10/29/2011								0.029
5/2/2012	0.03	0.012		0.025			0.018	
5/3/2012			0.0054 (O)			0.032		0.036
5/4/2012					0.019			
11/9/2012	0.039 (V)	0.012 (V)		0.028 (V)			0.017 (V)	
11/10/2012			0.0094 (J)			0.028 (V)		0.032 (V)
11/11/2012					0.025 (V)			
5/8/2013	0.034	0.01	0.0093 (J)	0.029				
5/9/2013					0.024	0.029	0.017	
5/10/2013								0.035
11/5/2013		0.0098 (J)	0.009 (J)		0.025			
11/6/2013	0.032			0.026		0.03 (V)	0.018 (V)	0.037
5/20/2014	0.03	0.0081 (J)	0.009 (J)	0.025				
5/21/2014					0.024			
5/22/2014						0.029	0.016	0.031
11/8/2014	0.031			0.026			0.018	
11/9/2014						0.032		0.034
11/12/2014		0.0098 (J)	0.0098 (J)		0.026			
5/22/2015	0.033	0.0088 (J)		0.026				0.039
5/23/2015					0.026		0.018	
5/24/2015			0.0096 (J)			0.029		
11/9/2015	0.034			0.024				
11/10/2015						0.026	0.017	
11/11/2015		0.011	0.0092 (J)					0.042
11/12/2015					0.026			
4/6/2016	0.0347	0.00959 (J)		0.026				
4/11/2016							0.0191	
4/12/2016						0.033		0.0386
4/13/2016			0.00929 (JD)		0.0258 (D)			
6/15/2016	0.029	0.0091 (J)		0.023				
6/16/2016						0.028	0.017	
6/20/2016								0.031
6/21/2016			0.0106		0.0286			
8/10/2016	0.027	0.009		0.022				

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 3/29/2024 11:50 AM View: Appendix I - Exceedances

Plant Scherer Data: Scherer Cell 1-CCR

	GWA-17 (bg)	GWA-15 (bg)	GWC-14	GWA-16 (bg)	GWC-10	GWC-20	GWC-19	GWC-4
8/11/2016						0.026	0.015	
8/12/2016								0.033
8/15/2016			0.0077		0.024			
10/4/2016		<0.029	<0.029	0.024				
10/5/2016	<0.029				<0.029	0.03	<0.029	
10/6/2016								0.042
11/29/2016	0.024			0.023			0.017	
11/30/2016		0.011				0.03		0.04
12/1/2016			0.0089		0.028			
2/7/2017	0.029	0.0099	0.0089	0.024				
2/8/2017					0.027	0.033	0.017	0.042
4/4/2017	0.03	0.0092		0.022				
4/5/2017							0.017	
4/6/2017			0.0085		0.027	0.033		0.041
6/20/2017	0.036	0.0099	0.0097	0.025				
6/21/2017					0.031	0.03	0.019	
6/22/2017								0.047
10/4/2017		0.0098						
10/5/2017	0.027		0.0096	0.023	0.029	0.028	0.018	
10/6/2017								0.045
3/20/2018	0.027	0.01	0.0091	0.023			0.019	
3/21/2018					<0.029 (X)	<0.029 (X)		0.045
10/2/2018	0.027	0.0099	0.0096	0.023	0.029		0.018	
10/3/2018						0.028		0.042
3/26/2019	0.031	0.0099	0.0092	0.024		0.03	0.018	0.053
3/27/2019					0.027			
9/10/2019	0.051	0.011		0.039				0.037
9/11/2019			0.011		0.033			
9/12/2019						0.035	0.026	
3/18/2020	0.031	0.01	0.0099 (J)	0.027	0.036			
3/19/2020						0.032	0.025	0.045
9/9/2020	0.033	0.01	0.01	0.024	0.036		0.026	
9/10/2020						0.031		0.045
4/1/2021	0.029	0.0092 (J)	0.0095 (J)	0.024	0.034			
4/2/2021								0.047
4/5/2021						0.029	0.028	
8/11/2021	0.029	0.01	0.012	0.023		0.031	0.031	
8/12/2021								0.049
10/18/2021					0.031			
2/15/2022	0.031	0.012		0.024	0.036			0.055
2/16/2022			0.011			0.03	0.027	
5/12/2022								0.06 (R)
8/24/2022	0.031							
8/25/2022		0.012		0.025	0.035	0.031	0.03	0.054
8/26/2022			0.011					
12/28/2022								0.065 (R)
2/21/2023					0.033			
2/27/2023			0.011					0.081
2/28/2023	0.03	0.01		0.025		0.032	0.031	
8/3/2023	0.027	0.01		0.026				
8/8/2023						0.035	0.032	0.085
8/9/2023			0.012		0.032			

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 3/29/2024 11:50 AM View: Appendix I - Exceedances
Plant Scherer Data: Scherer Cell 1-CCR

	GWA-17 (bg)	GWA-15 (bg)	GWC-14	GWA-16 (bg)	GWC-10	GWC-20	GWC-19	GWC-4
2/28/2024	0.032			0.03				
2/29/2024							0.033	0.1
3/1/2024			0.012		0.036	0.036		
3/4/2024		0.01						

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 3/29/2024 11:50 AM View: Appendix I - Exceedances

Plant Scherer Data: Scherer Cell 1-CCR

	GWA-17 (bg)	GWA-15 (bg)	GWC-14	GWA-16 (bg)	GWC-10
5/8/2010	<0.001				
5/9/2010		<0.001	<0.001	<0.001	
5/10/2010					<0.001
6/16/2010	<0.001			<0.001	<0.001
6/18/2010		<0.001	<0.001		
7/26/2010	<0.001				
7/27/2010				<0.001	
7/28/2010		<0.001	<0.001		<0.001
9/7/2010	<0.001			<0.001	
9/8/2010					<0.001
9/9/2010		<0.001	<0.001		
4/29/2011	<0.001			<0.001	<0.001
4/30/2011		<0.001	<0.001		
10/27/2011					<0.001
10/28/2011	<0.001	<0.001	<0.001	<0.001	
5/2/2012	<0.001	<0.001		<0.001	
5/3/2012			<0.001		
5/4/2012					<0.001
11/9/2012	<0.001	<0.001		<0.001	
11/10/2012			<0.001		
11/11/2012					<0.001
5/8/2013	<0.001	<0.001	<0.001	<0.001	
5/9/2013					<0.001
11/5/2013		<0.001	<0.001		<0.001
11/6/2013	<0.001			<0.001	
5/20/2014	<0.001	<0.001	<0.001	<0.001	
5/21/2014					<0.001
11/8/2014	<0.001			<0.001	
11/12/2014		<0.001	<0.001		<0.001
5/22/2015	<0.001	<0.001		<0.001	
5/23/2015					<0.001
5/24/2015			<0.001		
11/9/2015	<0.001			<0.001	
11/11/2015		<0.001	<0.001		
11/12/2015					<0.001
4/6/2016	<0.001	0.00202 (J)		<0.001	
4/13/2016			<0.001 (D)		0.00271
10/4/2016		<0.001	<0.001	<0.001	
10/5/2016	<0.001				<0.001
4/4/2017	<0.001	<0.001		<0.001	
4/6/2017			<0.001		<0.001
10/4/2017		<0.001			
10/5/2017	<0.001		<0.001	<0.001	<0.001
3/20/2018	<0.001	<0.001 (D)	<0.001	0.04 (O)	
3/21/2018					<0.001
10/2/2018	<0.001	<0.001	<0.001	<0.001	0.0018 (J)
3/26/2019	<0.001	<0.001	<0.001	<0.001	
3/27/2019					<0.001
9/10/2019	0.0012	0.00081 (J)		0.00037 (J)	
9/11/2019			<0.001		0.0016
3/18/2020	<0.001	0.00043 (J)	<0.001	<0.001	0.0016
9/9/2020	0.00048 (J)	0.00069 (J)	<0.001	<0.001	0.0021

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 3/29/2024 11:50 AM View: Appendix I - Exceedances
Plant Scherer Data: Scherer Cell 1-CCR

	GWA-17 (bg)	GWA-15 (bg)	GWC-14	GWA-16 (bg)	GWC-10
4/1/2021	0.0004 (J)	0.00049 (J)	<0.001	<0.001	0.0012
8/11/2021	<0.001	0.00051 (J)	<0.001	<0.001	
10/18/2021					0.002
2/15/2022	<0.001	0.00065 (J)		<0.001	0.0022
2/16/2022			<0.001		
8/24/2022	0.00082 (J)				
8/25/2022		0.001		<0.001	0.003
8/26/2022			<0.001		
12/28/2022					0.0017 (R)
2/21/2023					0.0031
2/27/2023			<0.001		
2/28/2023	<0.001	0.00057 (J)		<0.001	
8/3/2023	<0.001	0.00099 (J)		<0.001	
8/9/2023			<0.001		0.0026
2/28/2024	<0.001			<0.001	
3/1/2024			0.0081		0.0048
3/4/2024		<0.001			

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 3/29/2024 11:50 AM View: Appendix I - Exceedances

Plant Scherer Data: Scherer Cell 1-CCR

	GWA-17 (bg)	GWA-15 (bg)	GWA-16 (bg)	GWC-14
5/8/2010	<0.005			
5/9/2010		<0.005	<0.005	<0.005
6/16/2010	<0.005		<0.005	
6/18/2010		<0.005		<0.005
7/26/2010	<0.005			
7/27/2010			<0.005	
7/28/2010		<0.005		<0.005
9/7/2010	<0.005		<0.005	
9/9/2010		<0.005		<0.005
4/29/2011	<0.005		<0.005	
4/30/2011		<0.005		<0.005
10/28/2011	<0.005	<0.005	<0.005	<0.005
5/2/2012	<0.005	<0.005	<0.005	
5/3/2012				<0.005
11/9/2012	<0.005	<0.005	<0.005	
11/10/2012				<0.005
5/8/2013	<0.005	<0.005	<0.005	<0.005
11/5/2013		<0.005		<0.005
11/6/2013	<0.005		<0.005	
5/20/2014	<0.005	<0.005	<0.005	<0.005
11/8/2014	<0.005		<0.005	
11/12/2014		<0.005		<0.005
5/22/2015	<0.005	<0.005	<0.005	
5/24/2015				<0.005
11/9/2015	<0.005		<0.005	
11/11/2015		<0.005		<0.005
4/6/2016	0.00274 (J)	<0.005	<0.005	
4/13/2016				<0.005 (D)
10/4/2016		<0.005	<0.005	<0.005
10/5/2016	0.0073 (J)			
4/4/2017	<0.005	<0.005	<0.005	
4/6/2017				<0.005
10/4/2017		<0.005		
10/5/2017	<0.005		<0.005	<0.005
3/20/2018	<0.005	<0.005 (D)	<0.005	<0.005
10/2/2018	<0.005	<0.005	<0.005	<0.005
3/26/2019	<0.005	<0.005	<0.005	<0.005
9/10/2019	0.0084	0.006	0.0047 (J)	
9/11/2019				0.0038 (J)
3/18/2020	<0.005	<0.005	<0.005	<0.005
9/9/2020	<0.005	<0.005	<0.005	<0.005
4/1/2021	<0.005	<0.005	<0.005	<0.005
8/11/2021	<0.005	<0.005	<0.005	<0.005
2/15/2022	<0.005	<0.005	<0.005	
2/16/2022				<0.005
8/24/2022	<0.005			
8/25/2022		<0.005	<0.005	
8/26/2022				<0.005
2/27/2023				<0.005
2/28/2023	<0.005	<0.005	<0.005	
8/3/2023	<0.005	<0.005	0.0035 (J)	
8/9/2023				<0.005

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 3/29/2024 11:50 AM View: Appendix I - Exceedances
Plant Scherer Data: Scherer Cell 1-CCR

	GWA-17 (bg)	GWA-15 (bg)	GWA-16 (bg)	GWC-14
2/28/2024	<0.005		<0.005	
3/1/2024				0.024
3/4/2024		<0.005		

FIGURE G.

Appendix III Interwell Prediction Limits - Two-Step - Significant Results

Plant Scherer Data: Scherer Cell 1-CCR Printed 3/29/2024, 12:41 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBg	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Calcium (mg/L)	GWC-19	15	n/a	2/29/2024	19	Yes	66	n/a	n/a	n/a	0	n/a	n/a	0.0004314	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-20	15	n/a	3/1/2024	17	Yes	66	n/a	n/a	n/a	0	n/a	n/a	0.0004314	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-4	15	n/a	2/29/2024	31	Yes	66	n/a	n/a	n/a	0	n/a	n/a	0.0004314	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-6	15	n/a	2/29/2024	20	Yes	66	n/a	n/a	n/a	0	n/a	n/a	0.0004314	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-7	15	n/a	2/29/2024	17	Yes	66	n/a	n/a	n/a	0	n/a	n/a	0.0004314	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-8A	15	n/a	2/29/2024	49	Yes	66	n/a	n/a	n/a	0	n/a	n/a	0.0004314	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-4	7.2	n/a	2/29/2024	21	Yes	66	n/a	n/a	n/a	0	n/a	n/a	0.0004314	NP Inter (normality) 1 of 2
pH (S.U.)	GWC-20	6.52	5.24	3/1/2024	6.73	Yes	76	n/a	n/a	n/a	0	n/a	n/a	0.0006569	NP Inter (normality) 1 of 2
pH (S.U.)	GWC-7	6.52	5.24	2/29/2024	6.57	Yes	76	n/a	n/a	n/a	0	n/a	n/a	0.0006569	NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-10	3.5	n/a	3/1/2024	4.7	Yes	66	n/a	n/a	n/a	68.18	n/a	n/a	0.0004314	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-3	3.5	n/a	3/4/2024	10	Yes	66	n/a	n/a	n/a	68.18	n/a	n/a	0.0004314	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-4	3.5	n/a	2/29/2024	84	Yes	66	n/a	n/a	n/a	68.18	n/a	n/a	0.0004314	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-6	3.5	n/a	2/29/2024	25	Yes	66	n/a	n/a	n/a	68.18	n/a	n/a	0.0004314	NP Inter (NDs) 1 of 2
Total Dissolved Solids (mg/L)	GWC-4	137.2	n/a	2/29/2024	260	Yes	66	70.83	31.11	3.03	None	No	0.0004426	Param Inter 1 of 2	

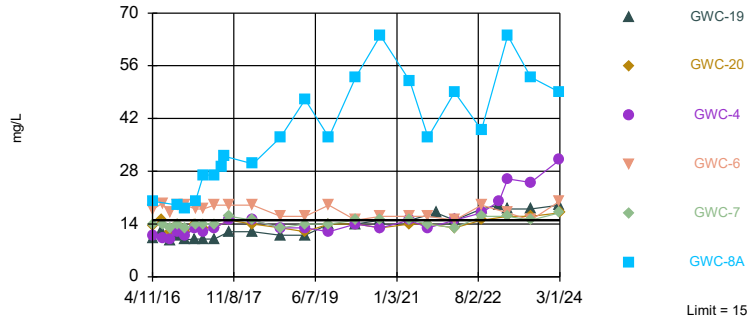
Appendix III Interwell Prediction Limits - Two-Step - All Results

Plant Scherer Data: Scherer Cell 1-CCR Printed 3/29/2024, 12:41 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBg	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Calcium (mg/L)	GWC-19	15	n/a	2/29/2024	19	Yes	66	n/a	n/a	n/a	0	n/a	n/a	0.0004314	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-20	15	n/a	3/1/2024	17	Yes	66	n/a	n/a	n/a	0	n/a	n/a	0.0004314	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-4	15	n/a	2/29/2024	31	Yes	66	n/a	n/a	n/a	0	n/a	n/a	0.0004314	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-6	15	n/a	2/29/2024	20	Yes	66	n/a	n/a	n/a	0	n/a	n/a	0.0004314	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-7	15	n/a	2/29/2024	17	Yes	66	n/a	n/a	n/a	0	n/a	n/a	0.0004314	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-8A	15	n/a	2/29/2024	49	Yes	66	n/a	n/a	n/a	0	n/a	n/a	0.0004314	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-11	7.2	n/a	2/29/2024	2.2	No	66	n/a	n/a	n/a	0	n/a	n/a	0.0004314	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-12	7.2	n/a	2/29/2024	2.3	No	66	n/a	n/a	n/a	0	n/a	n/a	0.0004314	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-14	7.2	n/a	3/1/2024	4.7	No	66	n/a	n/a	n/a	0	n/a	n/a	0.0004314	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-18	7.2	n/a	2/29/2024	3.2	No	66	n/a	n/a	n/a	0	n/a	n/a	0.0004314	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-19	7.2	n/a	2/29/2024	3.1	No	66	n/a	n/a	n/a	0	n/a	n/a	0.0004314	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-20	7.2	n/a	3/1/2024	2.5	No	66	n/a	n/a	n/a	0	n/a	n/a	0.0004314	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-4	7.2	n/a	2/29/2024	21	Yes	66	n/a	n/a	n/a	0	n/a	n/a	0.0004314	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-7	7.2	n/a	2/29/2024	4.8	No	66	n/a	n/a	n/a	0	n/a	n/a	0.0004314	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-9	7.2	n/a	3/1/2024	5.2	No	66	n/a	n/a	n/a	0	n/a	n/a	0.0004314	NP Inter (normality) 1 of 2
pH (S.U.)	GWC-20	6.52	5.24	3/1/2024	6.73	Yes	76	n/a	n/a	n/a	0	n/a	n/a	0.0006569	NP Inter (normality) 1 of 2
pH (S.U.)	GWC-5	6.52	5.24	2/29/2024	6.25	No	76	n/a	n/a	n/a	0	n/a	n/a	0.0006569	NP Inter (normality) 1 of 2
pH (S.U.)	GWC-7	6.52	5.24	2/29/2024	6.57	Yes	76	n/a	n/a	n/a	0	n/a	n/a	0.0006569	NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-10	3.5	n/a	3/1/2024	4.7	Yes	66	n/a	n/a	n/a	68.18	n/a	n/a	0.0004314	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-18	3.5	n/a	2/29/2024	1.8	No	66	n/a	n/a	n/a	68.18	n/a	n/a	0.0004314	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-2	3.5	n/a	3/1/2024	1.2	No	66	n/a	n/a	n/a	68.18	n/a	n/a	0.0004314	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-3	3.5	n/a	3/4/2024	10	Yes	66	n/a	n/a	n/a	68.18	n/a	n/a	0.0004314	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-4	3.5	n/a	2/29/2024	84	Yes	66	n/a	n/a	n/a	68.18	n/a	n/a	0.0004314	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-6	3.5	n/a	2/29/2024	25	Yes	66	n/a	n/a	n/a	68.18	n/a	n/a	0.0004314	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-7	3.5	n/a	2/29/2024	1.5	No	66	n/a	n/a	n/a	68.18	n/a	n/a	0.0004314	NP Inter (NDs) 1 of 2
Total Dissolved Solids (mg/L)	GWC-4	137.2	n/a	2/29/2024	260	Yes	66	70.83	31.11	3.03	None	No	0.0004426	Param Inter 1 of 2	

Exceeds Limit: GWC-19, GWC-20, GWC-4, GWC-6, GWC-7, GWC-8A

Prediction Limit Interwell Non-parametric



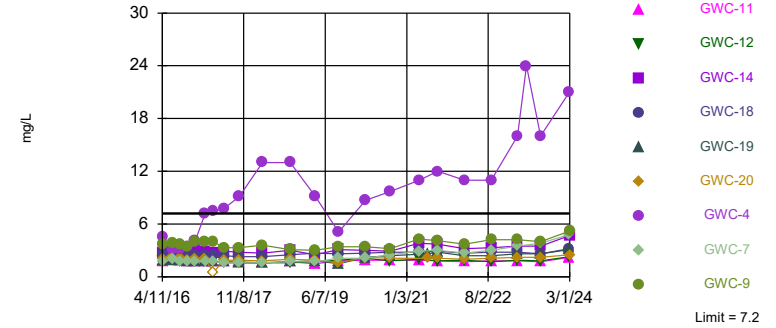
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Francia normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 66 background values. Annual per-constituent alpha = 0.01456. Individual comparison alpha = 0.0004314 (1 of 2). Comparing 6 points to limit. Assumes 11 future values.

Constituent: Calcium Analysis Run 3/29/2024 12:40 PM View: Appendix III - Exceedances
Plant Scherer Data: Scherer Cell 1-CCR

Hollow symbols indicate censored values.

Exceeds Limit: GWC-4

Prediction Limit Interwell Non-parametric

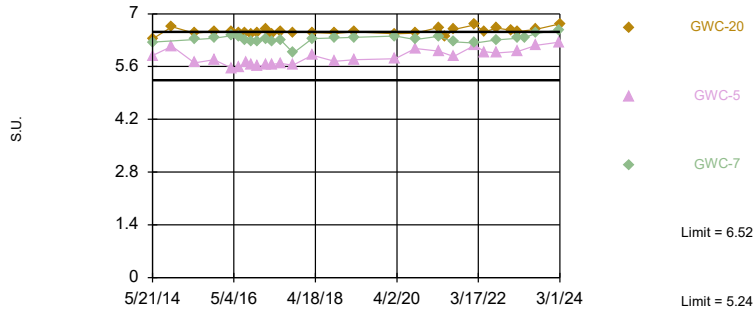


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Francia normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 66 background values. Annual per-constituent alpha = 0.01456. Individual comparison alpha = 0.0004314 (1 of 2). Comparing 9 points to limit. Assumes 8 future values.

Constituent: Chloride Analysis Run 3/29/2024 12:40 PM View: Appendix III - Exceedances
Plant Scherer Data: Scherer Cell 1-CCR

Exceeds Limits: GWC-20, GWC-7

Prediction Limit Interwell Non-parametric



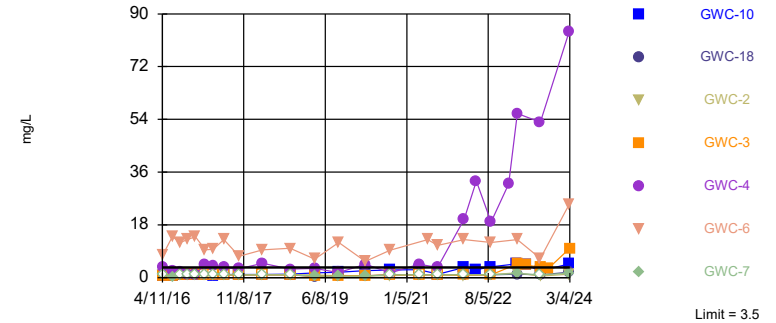
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Francia normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 76 background values. Annual per-constituent alpha = 0.02222. Individual comparison alpha = 0.0006569 (1 of 2). Comparing 3 points to limit. Assumes 14 future values.

Constituent: pH Analysis Run 3/29/2024 12:40 PM View: Appendix III - Exceedances
Plant Scherer Data: Scherer Cell 1-CCR

Hollow symbols indicate censored values.

Exceeds Limit: GWC-10, GWC-3, GWC-4, GWC-6

Prediction Limit Interwell Non-parametric

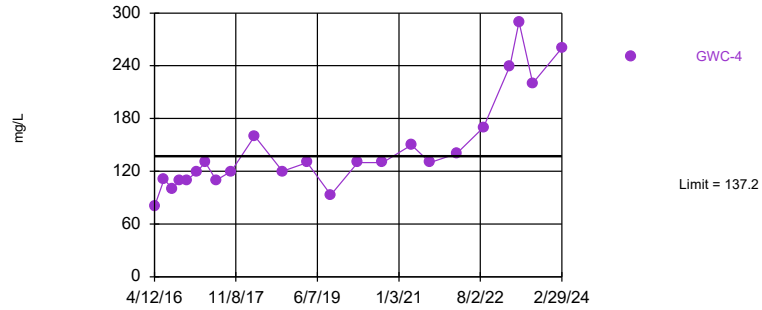


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 66 background values. 68.18% NDs. Annual per-constituent alpha = 0.01456. Individual comparison alpha = 0.0004314 (1 of 2). Comparing 7 points to limit. Assumes 10 future values.

Constituent: Sulfate Analysis Run 3/29/2024 12:40 PM View: Appendix III - Exceedances
Plant Scherer Data: Scherer Cell 1-CCR

Exceeds Limit: GWC-4

Prediction Limit Interwell Parametric



Background Data Summary: Mean=70.83, Std. Dev.=31.11, n=66, 3.03% NDs. Normality test: Shapiro Francia @alpha = 0.01, calculated = 0.9852, critical = 0.948. Kappa = 2.133 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.007498. Individual comparison alpha = 0.0004426. Assumes 16 future values.

Constituent: Total Dissolved Solids Analysis Run 3/29/2024 12:40 PM View: Appendix III - Exceedances
Plant Scherer Data: Scherer Cell 1-CCR

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 3/29/2024 12:41 PM View: Appendix III - Exceedances

Plant Scherer Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-19	GWC-20	GWC-4	GWC-6	GWC-7	GWC-8A
4/6/2016	3.62	12.1	6.58						
4/11/2016				10.4					
4/12/2016					13.5	11	17.8		
4/13/2016								14 (D)	
4/19/2016									20
6/15/2016	4.5	11.8	6.9						
6/16/2016				12.2	15				
6/20/2016						10.1	19.5	13.8	
8/10/2016	3.8	10	5.5						
8/11/2016				9.5	12				
8/12/2016						9.9	17		
8/15/2016								13	
10/4/2016	5.3	14							
10/5/2016			6.8	11	14				
10/6/2016						12	19	14	
10/10/2016									19
11/29/2016		10	4.8	9.8					
11/30/2016	4.7				12	11	19		
12/1/2016								13	18
2/7/2017	3.8	12	7.8						
2/8/2017				10	14	13			
2/9/2017							18	14	20
4/4/2017	3.8	11	6.4						
4/5/2017				10					
4/6/2017					13	12	18		
4/7/2017								14	27
6/20/2017	4.1	11	7						
6/21/2017				10 (D)	13 (D)		19 (D)		27 (D)
6/22/2017						13 (D)		14 (D)	
8/15/2017									29
9/1/2017									32
10/4/2017	4.6								
10/5/2017		13	6.6	12	15				
10/6/2017						15	19	16	
3/20/2018	4.2 (D)	12	6.6	12					
3/21/2018					14	15	19		
3/22/2018								15	30
10/2/2018	4.2	11	5.8	11					
10/3/2018					13	13	16		
10/4/2018								13	37
3/26/2019	4	11	6.7	11	12	13	16		
3/27/2019								14	47
9/10/2019	4.8	12	7.5			12			
9/11/2019							19	14	37
9/12/2019				14	14				
3/18/2020	3.8	12	7.3				15		53
3/19/2020				14	14	14		15	
9/9/2020	4	11	7.3	15					64
9/10/2020					13	13	16	15	
4/1/2021	4	12	7.8					15	
4/2/2021						15			
4/5/2021				15	14		16		52

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 3/29/2024 12:41 PM View: Appendix III - Exceedances

Plant Scherer Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-17 (bg)	GWA-16 (bg)	GWC-19	GWC-18	GWC-4	GWC-20	GWC-11	GWC-12
4/6/2016	5.342	1.69	1.789						
4/11/2016				1.84	2.53				
4/12/2016						4.57	2.03		
4/13/2016								1.78 (D)	1.8 (D)
6/15/2016	5.2	1.9	2.1						
6/16/2016				1.9	2.5		2.2		
6/20/2016						3.1			
6/21/2016								2	2
6/22/2016									
8/10/2016	5.5	1.7	1.8						
8/11/2016				1.9	2.6		2.1		
8/15/2016								1.9	1.8
8/16/2016						3.2			
10/4/2016	5.4		1.7						
10/5/2016		1.6		1.7	2.5		1.9	1.8	1.7
10/6/2016						3.4			
11/29/2016		1.7	1.7	1.7	2.4				
11/30/2016	5.4					4.1	2		
12/1/2016								1.8	1.7
2/7/2017	5.1	1.6	1.6						
2/8/2017				1.7	2.5	7.2	2	1.8	1.7
2/9/2017									
4/4/2017	5.1	1.5	1.6						
4/5/2017				1.7					1.7
4/6/2017					2.4	7.4	<1	1.7	
4/7/2017									
6/20/2017	5.2	1.5	1.6					1.7	1.6
6/21/2017				1.7	2.4		1.9		
6/22/2017						7.8			
10/4/2017	5.2								
10/5/2017		1.5	1.5	1.6	2.3		1.9	1.7	1.6
10/6/2017						9.1			
3/20/2018	5.6 (D)	1.4	1.5	1.6	2.3				
3/21/2018						13	1.8	1.6	1.6 (D)
3/22/2018									
10/2/2018	6.3	1.5	1.6	1.7	2.5			1.7	1.6
10/3/2018						13	2		
10/4/2018									
3/26/2019	5.5	1.3	1.5	1.8	2.7	9.2	1.9		1.7
3/27/2019								1.5	
9/10/2019	5.2	1.3	1.4			5.1			
9/11/2019					2.6			1.8	1.9
9/12/2019				1.5			1.6		
3/18/2020	5.4	2	1.7		2.7			1.9	2.1
3/19/2020				2.2		8.7	2.2		
9/9/2020	6.1	1.3	1.6	2.4	2.8				
9/10/2020						9.7	2.1	1.9	1.8
4/1/2021	7	1.5	1.8		2.8			1.9	2
4/2/2021						11			
6/1/2021				2.6			2.1		
8/11/2021	7.2	1.4	1.8	2.8	2.9		2.1	1.8	1.8
8/12/2021						12			

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 3/29/2024 12:41 PM View: Appendix III - Exceedances
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-14	GWC-9	GWC-7
4/6/2016			
4/11/2016			
4/12/2016			
4/13/2016	2.71 (D)	3.64 (D)	1.68 (D)
6/15/2016			
6/16/2016			
6/20/2016			2
6/21/2016	3		
6/22/2016		3.8	
8/10/2016			
8/11/2016			
8/15/2016	3.1	3.7	1.8
8/16/2016			
10/4/2016	3		
10/5/2016			
10/6/2016		3.4	1.7
11/29/2016			
11/30/2016			
12/1/2016	3.1	4	1.7
2/7/2017	2.9		
2/8/2017		4	
2/9/2017			1.7
4/4/2017			
4/5/2017			
4/6/2017	2.7	4	
4/7/2017			1.7
6/20/2017	2.9		
6/21/2017		3.3	
6/22/2017			1.6
10/4/2017			
10/5/2017	2.8	3.3	
10/6/2017			1.6
3/20/2018	2.7		
3/21/2018		3.6	
3/22/2018			1.6
10/2/2018	3	3.1	
10/3/2018			
10/4/2018			1.7
3/26/2019	2.5		
3/27/2019		3	1.7
9/10/2019			
9/11/2019	3.1	3.4	2.1
9/12/2019			
3/18/2020	3	3.4	
3/19/2020			2.1
9/9/2020	2.9	3.2	
9/10/2020			2.5
4/1/2021	3.8	4.3	2.9
4/2/2021			
6/1/2021			
8/11/2021	3.7		3
8/12/2021		4.1	

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 3/29/2024 12:41 PM View: Appendix III - Exceedances
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-14	GWC-9	GWC-7
2/15/2022		3.7	2.7
2/16/2022	3.2		
8/24/2022			
8/25/2022		4.2	3
8/26/2022	3.3		
2/27/2023	3.5	4.2	3.5
2/28/2023			
5/2/2023			
8/3/2023			
8/8/2023		4	3.8
8/9/2023	3.5		
2/28/2024			
2/29/2024			4.8
3/1/2024	4.7	5.2	
3/4/2024			

Prediction Limit

Constituent: pH (S.U.) Analysis Run 3/29/2024 12:41 PM View: Appendix III - Exceedances

Plant Scherer Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-17 (bg)	GWA-16 (bg)	GWC-7	GWC-5	GWC-20
5/20/2014	5.27	5.68	6.18			
5/21/2014				6.25		
5/22/2014					5.89	6.33
11/8/2014		6.04	6.52			
11/9/2014					6.14	6.66
11/12/2014	5.7					
5/22/2015	5.52	5.87	6.3			6.49
5/24/2015				6.32	5.7	
11/9/2015		5.97				
11/10/2015						6.53
11/11/2015	5.63		6.36	6.35	5.78	
4/6/2016	5.5 (D)	5.937 (D)	6.46 (D)			
4/12/2016						6.53 (D)
4/13/2016				6.42		
4/19/2016					5.55	
6/15/2016	5.52	5.96	6.39			
6/16/2016						6.51
6/20/2016				6.4		
6/22/2016					5.6	
8/10/2016	5.5	5.94	6.39			
8/11/2016						6.49
8/15/2016				6.31		
8/16/2016					5.7	
10/4/2016	5.56		6.4			
10/5/2016		5.86				6.46
10/6/2016				6.27	5.64	
11/29/2016		5.82	6.36			
11/30/2016	5.46					6.5
12/1/2016				6.28	5.62	
2/7/2017	5.28	6.15	6.45			
2/8/2017						6.59
2/9/2017				6.32	5.64	
4/1/2017	5.48					
4/4/2017	5.48	6	6.37			
4/6/2017					5.66	6.47
4/7/2017				6.28		
6/20/2017	5.44	6.34	6.4			
6/21/2017					5.68	6.53
6/22/2017				6.29		
10/4/2017	5.44					
10/5/2017		5.93	6.42		5.64	6.51
10/6/2017				5.96		
3/20/2018	5.48	5.97	6.36			
3/21/2018						6.5
3/22/2018				6.34	5.9	
10/2/2018	5.49	6.03	6.38			
10/3/2018					5.74	6.48
10/4/2018				6.36		
3/26/2019	5.41	6.12	6.42			6.52
3/27/2019				6.38	5.78	
3/18/2020	5.42	6.03	6.29		5.81	
3/19/2020				6.41		6.47

Prediction Limit

Constituent: pH (S.U.) Analysis Run 3/29/2024 12:41 PM View: Appendix III - Exceedances
Plant Scherer Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-17 (bg)	GWA-16 (bg)	GWC-7	GWC-5	GWC-20
9/9/2020	5.71	6.05	6.33		6.08	
9/10/2020				6.32		6.49
4/1/2021	5.31	6.14	6.44	6.4	6.01	
4/5/2021						6.64
6/1/2021						6.39
8/11/2021	5.5	6.14	6.35	6.26		6.58
8/12/2021					5.87	
2/15/2022	5.4	6.2	6.46	6.22	6.16	
2/16/2022						6.71
5/12/2022					5.99 (R)	6.52 (R)
8/24/2022		6.22				
8/25/2022	5.4		6.42	6.31	5.96	6.62
12/28/2022						6.56 (R)
2/27/2023				6.35		
2/28/2023	5.4	6.19	6.45		6	6.53
5/2/2023				6.38		
8/3/2023	5.48	6.22	6.24			
8/8/2023				6.48	6.16	6.59
2/28/2024		6.41	6.49			
2/29/2024				6.57	6.25	
3/1/2024						6.73
3/4/2024	5.24					

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 3/29/2024 12:41 PM View: Appendix III - Exceedances

Plant Scherer Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-17 (bg)	GWA-16 (bg)	GWC-18	GWC-6	GWC-4	GWC-3	GWC-2	GWC-10
4/6/2016	0.799 (J)	<1	<1						
4/11/2016				<1					
4/12/2016					7.55	3.56	0.419 (JD)	0.56 (J)	
4/13/2016									0.51 (JD)
6/15/2016	<1	<1	<1						
6/16/2016				<1				<1	
6/20/2016					14	2.4	0.6 (J)		
6/21/2016									0.58 (J)
8/10/2016	<1	<1	<1						
8/11/2016				<1				<1	
8/15/2016									<1
8/16/2016					12	1.7	<1		
10/4/2016	<1		<1					<1	
10/5/2016		<1		<1			<1		<1
10/6/2016					13	1.2			
11/29/2016		<1	<1	<1					
11/30/2016	<1				14	1.2	1.1	<1	
12/1/2016									<1
2/7/2017	0.8 (J)	<1	<1					<1	
2/8/2017				<1		4.6	<1		1
2/9/2017					9.5				
4/4/2017	<1	<1	<1						
4/6/2017				<1	9.7	4.1	<1	<1	0.81 (J)
4/7/2017									
6/20/2017	<1	<1	<1					<1	
6/21/2017				<1	13		<1		1.1
6/22/2017						3.4			
10/4/2017	<1							<1	
10/5/2017		<1	<1	<1			<1		1.1
10/6/2017					7.3	3			
3/20/2018	1.2	<1	<1	<1				<1	
3/21/2018					9.5	4.9	<1		1.1
3/22/2018									
10/2/2018	<1	<1	<1	<1				<1	1.2
10/3/2018					10	2.9	<1		
10/4/2018									
3/26/2019	2.1	0.58 (J)	<1	0.39 (J)	6.3	3.2	0.47 (J)	0.99 (J)	
3/27/2019									1.6
9/10/2019	0.65 (J)	0.44 (J)	<1			1.7	0.7 (J)	0.63 (J)	
9/11/2019				0.61 (J)	12				1.8
3/18/2020	3.1	0.51 (J)	0.67 (J)	0.62 (J)	5.6		0.6 (J)	0.59 (J)	2.4
3/19/2020						4.6			
9/9/2020	1.6	<1	<1	<1				0.59 (J)	2.6
9/10/2020					9.4	1.6	<1		
4/1/2021	2.7	<1	<1	<1				1.1	2.7
4/2/2021						4.6			
4/6/2021							<1		
6/2/2021					13				
8/11/2021	1.3	<1	<1	<1	11				
8/12/2021						3.5	<1	<1	
8/17/2021									1.2
2/15/2022	2.6	<1	<1		13	20	0.91 (J)	0.79 (J)	3.5

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 3/29/2024 12:41 PM View: Appendix III - Exceedances
 Plant Scherer Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-17 (bg)	GWA-16 (bg)	GWC-18	GWC-6	GWC-4	GWC-3	GWC-2	GWC-10
2/16/2022				<1					
5/12/2022						33 (R)			2.7 (R)
8/24/2022		<1							
8/25/2022	1.9		<1	<1	12	19	0.99 (J)		3.7
8/26/2022								1.1	
12/28/2022						32 (R)			
2/21/2023									4.7
2/27/2023					13	56		1.6	
2/28/2023	3.5	1.3	1.4	1.2			4.7		
5/2/2023							4.2		4.3
8/3/2023	1.7	<1	0.4 (J)						
8/8/2023					6.5	53			
8/9/2023				<1			3.6	0.51 (J)	2.3
10/4/2023							3.1 (R)		
2/28/2024		<1	<1						
2/29/2024				1.8	25	84			
3/1/2024								1.2	4.7
3/4/2024	2.8						10		

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 3/29/2024 12:41 PM View: Appendix III - Exceedances
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-7
4/6/2016	
4/11/2016	
4/12/2016	
4/13/2016	<1 (D)
6/15/2016	
6/16/2016	
6/20/2016	0.36 (J)
6/21/2016	
8/10/2016	
8/11/2016	
8/15/2016	<1
8/16/2016	
10/4/2016	
10/5/2016	
10/6/2016	<1
11/29/2016	
11/30/2016	
12/1/2016	<1
2/7/2017	
2/8/2017	
2/9/2017	<1
4/4/2017	
4/6/2017	
4/7/2017	<1
6/20/2017	
6/21/2017	
6/22/2017	<1
10/4/2017	
10/5/2017	
10/6/2017	<1
3/20/2018	
3/21/2018	
3/22/2018	<1
10/2/2018	
10/3/2018	
10/4/2018	<1
3/26/2019	
3/27/2019	0.51 (J)
9/10/2019	
9/11/2019	0.52 (J)
3/18/2020	
3/19/2020	0.54 (J)
9/9/2020	
9/10/2020	<1
4/1/2021	<1
4/2/2021	
4/6/2021	
6/2/2021	
8/11/2021	<1
8/12/2021	
8/17/2021	
2/15/2022	<1

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 3/29/2024 12:41 PM View: Appendix III - Exceedances
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-7
2/16/2022	
5/12/2022	
8/24/2022	
8/25/2022	<1
8/26/2022	
12/28/2022	
2/21/2023	
2/27/2023	1.4
2/28/2023	
5/2/2023	
8/3/2023	
8/8/2023	<1
8/9/2023	
10/4/2023	
2/28/2024	
2/29/2024	1.5
3/1/2024	
3/4/2024	

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 3/29/2024 12:41 PM View: Appendix III - Exceedances

Plant Scherer Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-4
4/6/2016	38	84	61	
4/12/2016				80
6/15/2016	<10	139	113	
6/20/2016				111
8/10/2016	56	80	74	
8/16/2016				100
10/4/2016	48	62		
10/5/2016			44	
10/6/2016				110
11/29/2016		110	58	
11/30/2016	46			110
2/7/2017	18	70	4 (J)	
2/8/2017				120
4/4/2017	32	120	78	
4/6/2017				130
6/20/2017	38	76	50	
6/22/2017				110
10/4/2017	42			
10/5/2017		110	64	
10/6/2017				120
3/20/2018	20 (JX)	110	90	
3/21/2018				160
10/2/2018	48	110	90	
10/3/2018				120
3/26/2019	45	100	82	130
9/10/2019	42	75	51	93
3/18/2020	43	93	75	
3/19/2020				130
9/9/2020	<10	66	64	
9/10/2020				130
4/1/2021	55	100	68	
4/2/2021				150
8/11/2021	55	100	94	
8/12/2021				130
2/15/2022	42	99	79	140
8/24/2022			110	
8/25/2022	86	130		170
2/27/2023				240
2/28/2023	50	110	94	
5/2/2023				290
8/3/2023	53	110	85	
8/8/2023				220
2/28/2024		100	85	
2/29/2024				260
3/4/2024	41			

FIGURE H.

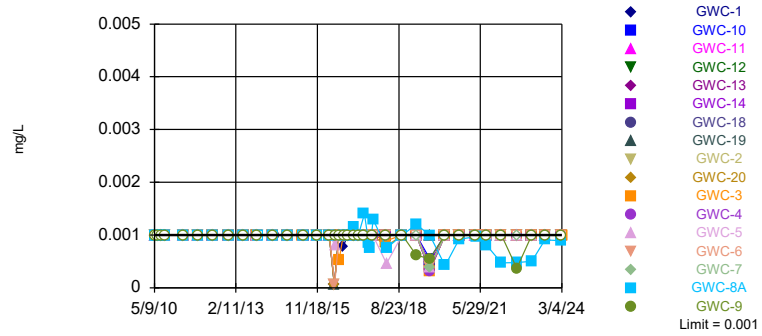
Appendix I Interwell Prediction Limits - All Results (No Significant)

Plant Scherer Data: Scherer Cell 1-CCR Printed 3/29/2024, 11:52 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBg	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Arsenic, Total (mg/L)	GWC-1	0.001	n/a	3/1/2024	0.001ND	No	108	n/a	n/a	n/a	97.22	n/a	n/a	0.0001684	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-10	0.001	n/a	3/1/2024	0.001ND	No	108	n/a	n/a	n/a	97.22	n/a	n/a	0.0001684	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-11	0.001	n/a	2/29/2024	0.001ND	No	108	n/a	n/a	n/a	97.22	n/a	n/a	0.0001684	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-12	0.001	n/a	2/29/2024	0.001ND	No	108	n/a	n/a	n/a	97.22	n/a	n/a	0.0001684	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-13	0.001	n/a	3/1/2024	0.001ND	No	108	n/a	n/a	n/a	97.22	n/a	n/a	0.0001684	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-14	0.001	n/a	3/1/2024	0.001ND	No	108	n/a	n/a	n/a	97.22	n/a	n/a	0.0001684	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-18	0.001	n/a	2/29/2024	0.001ND	No	108	n/a	n/a	n/a	97.22	n/a	n/a	0.0001684	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-19	0.001	n/a	2/29/2024	0.001ND	No	108	n/a	n/a	n/a	97.22	n/a	n/a	0.0001684	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-2	0.001	n/a	3/1/2024	0.001ND	No	108	n/a	n/a	n/a	97.22	n/a	n/a	0.0001684	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-20	0.001	n/a	3/1/2024	0.001ND	No	108	n/a	n/a	n/a	97.22	n/a	n/a	0.0001684	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-3	0.001	n/a	3/4/2024	0.001ND	No	108	n/a	n/a	n/a	97.22	n/a	n/a	0.0001684	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-4	0.001	n/a	2/29/2024	0.001ND	No	108	n/a	n/a	n/a	97.22	n/a	n/a	0.0001684	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-5	0.001	n/a	2/29/2024	0.001ND	No	108	n/a	n/a	n/a	97.22	n/a	n/a	0.0001684	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-6	0.001	n/a	2/29/2024	0.001ND	No	108	n/a	n/a	n/a	97.22	n/a	n/a	0.0001684	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-7	0.001	n/a	2/29/2024	0.001ND	No	108	n/a	n/a	n/a	97.22	n/a	n/a	0.0001684	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-8A	0.001	n/a	2/29/2024	0.00089J	No	108	n/a	n/a	n/a	97.22	n/a	n/a	0.0001684	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-9	0.001	n/a	3/1/2024	0.001ND	No	108	n/a	n/a	n/a	97.22	n/a	n/a	0.0001684	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-1	0.001	n/a	3/1/2024	0.001ND	No	93	n/a	n/a	n/a	100	n/a	n/a	0.0002216	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-10	0.001	n/a	3/1/2024	0.001ND	No	93	n/a	n/a	n/a	100	n/a	n/a	0.0002216	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-11	0.001	n/a	2/29/2024	0.001ND	No	93	n/a	n/a	n/a	100	n/a	n/a	0.0002216	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-12	0.001	n/a	2/29/2024	0.001ND	No	93	n/a	n/a	n/a	100	n/a	n/a	0.0002216	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-13	0.001	n/a	3/1/2024	0.001ND	No	93	n/a	n/a	n/a	100	n/a	n/a	0.0002216	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-14	0.001	n/a	3/1/2024	0.001ND	No	93	n/a	n/a	n/a	100	n/a	n/a	0.0002216	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-18	0.001	n/a	2/29/2024	0.001ND	No	93	n/a	n/a	n/a	100	n/a	n/a	0.0002216	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-19	0.001	n/a	2/29/2024	0.001ND	No	93	n/a	n/a	n/a	100	n/a	n/a	0.0002216	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-2	0.001	n/a	3/1/2024	0.001ND	No	93	n/a	n/a	n/a	100	n/a	n/a	0.0002216	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-20	0.001	n/a	3/1/2024	0.001ND	No	93	n/a	n/a	n/a	100	n/a	n/a	0.0002216	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-3	0.001	n/a	3/4/2024	0.001ND	No	93	n/a	n/a	n/a	100	n/a	n/a	0.0002216	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-4	0.001	n/a	2/29/2024	0.001ND	No	93	n/a	n/a	n/a	100	n/a	n/a	0.0002216	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-5	0.001	n/a	2/29/2024	0.001ND	No	93	n/a	n/a	n/a	100	n/a	n/a	0.0002216	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-6	0.001	n/a	2/29/2024	0.001ND	No	93	n/a	n/a	n/a	100	n/a	n/a	0.0002216	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-7	0.001	n/a	2/29/2024	0.001ND	No	93	n/a	n/a	n/a	100	n/a	n/a	0.0002216	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-8A	0.001	n/a	2/29/2024	0.001ND	No	93	n/a	n/a	n/a	100	n/a	n/a	0.0002216	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-9	0.001	n/a	3/1/2024	0.001ND	No	93	n/a	n/a	n/a	100	n/a	n/a	0.0002216	NP Inter (NDs) 1 of 2

Within Limit

Prediction Limit
 Interwell Non-parametric

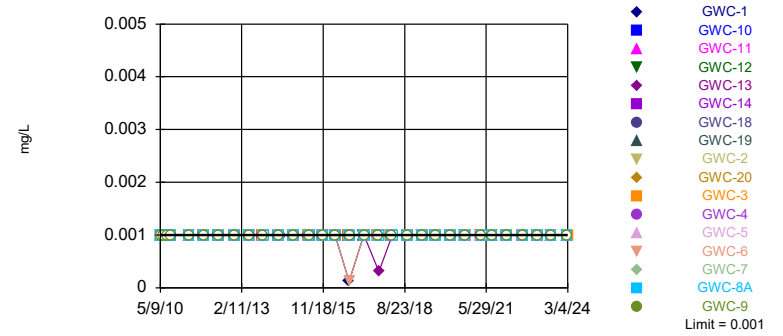


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 108 background values. 97.22% NDs. Annual per-constituent alpha = 0.005708. Individual comparison alpha = 0.0001684 (1 of 2). Comparing 17 points to limit.

Constituent: Arsenic, Total Analysis Run 3/29/2024 11:51 AM View: Appendix I - Interwell
 Plant Scherer Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
 Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 93) were censored; limit is most recent reporting limit. Annual per-constituent alpha = 0.007505. Individual comparison alpha = 0.0002216 (1 of 2). Comparing 17 points to limit.

Constituent: Silver Analysis Run 3/29/2024 11:51 AM View: Appendix I - Interwell
 Plant Scherer Data: Scherer Cell 1-CCR

Prediction Limit

Constituent: Arsenic, Total (mg/L) Analysis Run 3/29/2024 11:52 AM View: Appendix I - Interwell

Plant Scherer Data: Scherer Cell 1-CCR

	GWA-17 (bg)	GWA-15 (bg)	GWC-14	GWC-13	GWC-12	GWA-16 (bg)	GWC-8A	GWC-7	GWC-10
5/8/2010	<0.001								
5/9/2010		<0.001	<0.001	<0.001	<0.001	<0.001			
5/10/2010							<0.001	<0.001	<0.001
5/11/2010									
6/16/2010	<0.001					<0.001			<0.001
6/17/2010									
6/18/2010		<0.001	<0.001	<0.001	<0.001			<0.001	
6/19/2010							<0.001		
7/26/2010	<0.001								
7/27/2010					<0.001	<0.001			
7/28/2010		<0.001	<0.001				<0.001	<0.001	<0.001
7/29/2010				<0.001					
9/7/2010	<0.001					<0.001			
9/8/2010					<0.001		<0.001		<0.001
9/9/2010		<0.001	<0.001	<0.001				<0.001	
4/26/2011				<0.001					
4/28/2011									
4/29/2011	<0.001				<0.001	<0.001			<0.001
4/30/2011		<0.001	<0.001				<0.001	<0.001	
10/27/2011							<0.001		<0.001
10/28/2011	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			
10/29/2011								<0.001	
5/2/2012	<0.001	<0.001				<0.001			
5/3/2012			<0.001		<0.001				
5/4/2012				<0.001			<0.001	<0.001	<0.001
11/9/2012	<0.001	<0.001				<0.001			
11/10/2012			<0.001		<0.001			<0.001	
11/11/2012				<0.001			<0.001		<0.001
5/8/2013	<0.001	<0.001	<0.001	<0.001		<0.001			
5/9/2013					<0.001			<0.001	<0.001
5/10/2013							<0.001		
11/5/2013		<0.001	<0.001						<0.001
11/6/2013	<0.001				<0.001	<0.001			
11/7/2013				<0.001			<0.001	<0.001	
5/20/2014	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			
5/21/2014							<0.001	<0.001	<0.001
5/22/2014									
5/23/2014									
11/8/2014	<0.001					<0.001			
11/9/2014									
11/12/2014		<0.001	<0.001	<0.001	<0.001			<0.001	<0.001
11/13/2014							<0.001		
5/22/2015	<0.001	<0.001				<0.001			
5/23/2015					<0.001		<0.001		<0.001
5/24/2015			<0.001	<0.001				<0.001	
11/9/2015	<0.001					<0.001			
11/10/2015									
11/11/2015		<0.001	<0.001				<0.001	<0.001	
11/12/2015				<0.001	<0.001				<0.001
4/6/2016	<0.001	<0.001				<0.001			
4/11/2016									
4/12/2016									

Prediction Limit

Constituent: Arsenic, Total (mg/L) Analysis Run 3/29/2024 11:52 AM View: Appendix I - Interwell

Plant Scherer Data: Scherer Cell 1-CCR

	GWA-17 (bg)	GWA-15 (bg)	GWC-14	GWC-13	GWC-12	GWA-16 (bg)	GWC-8A	GWC-7	GWC-10
4/13/2016			<0.001 (D)	<0.001 (D)	<0.001 (D)			<0.001 (D)	<0.001 (D)
4/19/2016							<0.001		
6/15/2016	<0.001	<0.001				<0.001			
6/16/2016									
6/20/2016								<0.001	
6/21/2016			<0.001	<0.001	<0.001				<0.001
6/22/2016									
8/10/2016	<0.001	<0.001				<0.001			
8/11/2016									
8/12/2016									
8/15/2016			<0.001	<0.001	<0.001			<0.001	<0.001
8/16/2016									
10/4/2016		<0.001	<0.001			<0.001			
10/5/2016	<0.001				<0.001				<0.001
10/6/2016								<0.001	
10/7/2016				<0.001					
10/10/2016							<0.001		
11/29/2016	<0.001					<0.001			
11/30/2016		<0.001							
12/1/2016			<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
2/7/2017	<0.001	<0.001	<0.001			<0.001			
2/8/2017					<0.001				<0.001
2/9/2017				<0.001			0.00115 (JD)	<0.001	
4/4/2017	<0.001	<0.001				<0.001			
4/5/2017					<0.001				
4/6/2017			<0.001	<0.001					<0.001
4/7/2017							<0.001	<0.001	
6/20/2017	<0.001	<0.001	<0.001		<0.001	<0.001			
6/21/2017							0.0014		<0.001
6/22/2017				<0.001				<0.001	
8/15/2017							0.00086		
9/1/2017							0.00075		
10/4/2017		<0.001							
10/5/2017	<0.001		<0.001		<0.001	<0.001			<0.001
10/6/2017				<0.001				<0.001	
10/9/2017							0.0013		
3/20/2018	<0.001	<0.001 (D)	<0.001			<0.001			
3/21/2018					<0.001 (D)				<0.001
3/22/2018				<0.001			0.00075	<0.001	
10/2/2018	<0.001	<0.001	<0.001		<0.001	<0.001			<0.001
10/3/2018				<0.001					
10/4/2018							<0.001	<0.001	
3/26/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			
3/27/2019							0.0012	<0.001	<0.001
9/10/2019	0.00069 (J)	0.00032 (J)				0.00049 (J)			
9/11/2019			0.00045 (J)	0.00042 (J)	0.00038 (J)		0.001 (J)	0.00038 (J)	0.00055 (J)
9/12/2019									
3/18/2020	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.00042 (J)		<0.001
3/19/2020								<0.001	
9/9/2020	<0.001	<0.001	<0.001			<0.001	0.00092 (J)		<0.001
9/10/2020				<0.001	<0.001			<0.001	
4/1/2021	<0.001	<0.001	<0.001		<0.001	<0.001		<0.001	<0.001

Prediction Limit

Constituent: Arsenic, Total (mg/L) Analysis Run 3/29/2024 11:52 AM View: Appendix I - Interwell
 Plant Scherer Data: Scherer Cell 1-CCR

	GWA-17 (bg)	GWA-15 (bg)	GWC-14	GWC-13	GWC-12	GWA-16 (bg)	GWC-8A	GWC-7	GWC-10
4/2/2021									
4/5/2021							0.00097 (J)		
4/6/2021				<0.001					
8/11/2021	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	
8/12/2021							0.00081 (J)		
8/17/2021									<0.001
8/18/2021									
2/15/2022	<0.001	<0.001				<0.001	0.00047 (J)	<0.001	<0.001
2/16/2022			<0.001	<0.001	<0.001				
8/24/2022	<0.001								
8/25/2022		<0.001				<0.001	0.00048 (J)	<0.001	<0.001
8/26/2022			<0.001	<0.001	<0.001				
2/21/2023									<0.001
2/27/2023			<0.001	<0.001	<0.001		0.0005 (J)	<0.001	
2/28/2023	<0.001	<0.001				<0.001			
8/3/2023	<0.001	<0.001				<0.001			
8/8/2023							0.00091 (J)	<0.001	
8/9/2023			<0.001	<0.001	<0.001				<0.001
2/28/2024	<0.001					<0.001			
2/29/2024					<0.001		0.00089 (J)	<0.001	
3/1/2024			<0.001	<0.001					<0.001
3/4/2024		<0.001							

Prediction Limit

Constituent: Arsenic, Total (mg/L) Analysis Run 3/29/2024 11:52 AM View: Appendix I - Interwell
 Plant Scherer Data: Scherer Cell 1-CCR

	GWC-11	GWC-18	GWC-9	GWC-5	GWC-3	GWC-6	GWC-1	GWC-20	GWC-2
5/8/2010									
5/9/2010									
5/10/2010	<0.001	<0.001	<0.001						
5/11/2010				<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
6/16/2010	<0.001	<0.001	<0.001						
6/17/2010					<0.001		<0.001	<0.001	
6/18/2010				<0.001		<0.001			
6/19/2010									<0.001
7/26/2010		<0.001							
7/27/2010	<0.001		<0.001	<0.001		<0.001	<0.001	<0.001	<0.001
7/28/2010					<0.001				
7/29/2010									
9/7/2010		<0.001			<0.001			<0.001	
9/8/2010	<0.001		<0.001						
9/9/2010				<0.001		<0.001	<0.001		<0.001
4/26/2011									
4/28/2011							<0.001		<0.001
4/29/2011	<0.001	<0.001	<0.001	<0.001	<0.001			<0.001	
4/30/2011						<0.001			
10/27/2011	<0.001		<0.001						
10/28/2011		<0.001		<0.001	<0.001			<0.001	<0.001
10/29/2011						<0.001	<0.001		
5/2/2012		<0.001							
5/3/2012			<0.001		<0.001		<0.001	<0.001	<0.001
5/4/2012	<0.001			<0.001		<0.001			
11/9/2012		<0.001			<0.001		<0.001		<0.001
11/10/2012	<0.001			<0.001		<0.001		<0.001	
11/11/2012			<0.001						
5/8/2013		<0.001							
5/9/2013	<0.001		<0.001	<0.001		<0.001	<0.001	<0.001	<0.001
5/10/2013					<0.001				
11/5/2013							<0.001		<0.001
11/6/2013	<0.001	<0.001	<0.001	<0.001	<0.001			<0.001	
11/7/2013						<0.001			
5/20/2014	<0.001								
5/21/2014			<0.001			<0.001			
5/22/2014				<0.001	<0.001			<0.001	<0.001
5/23/2014		<0.001					<0.001		
11/8/2014		<0.001							
11/9/2014				<0.001	<0.001	<0.001		<0.001	
11/12/2014	<0.001		<0.001						
11/13/2014							<0.001		<0.001
5/22/2015		<0.001			<0.001				
5/23/2015			<0.001				<0.001		
5/24/2015	<0.001			<0.001		<0.001		<0.001	<0.001
11/9/2015									
11/10/2015		<0.001			<0.001			<0.001	
11/11/2015				<0.001		<0.001	<0.001		<0.001
11/12/2015	<0.001		<0.001						
4/6/2016									
4/11/2016		<0.001							
4/12/2016					<0.001 (D)	<0.001	<0.001	<0.001	<0.001

Prediction Limit

Constituent: Arsenic, Total (mg/L) Analysis Run 3/29/2024 11:52 AM View: Appendix I - Interwell
 Plant Scherer Data: Scherer Cell 1-CCR

	GWC-11	GWC-18	GWC-9	GWC-5	GWC-3	GWC-6	GWC-1	GWC-20	GWC-2
4/13/2016	<0.001 (D)		<0.001 (D)						
4/19/2016				<0.001					
6/15/2016									
6/16/2016		<0.001					6E-05 (J)	5.4E-05 (J)	5.5E-05 (J)
6/20/2016					<0.001	6.3E-05 (J)			
6/21/2016	<0.001								
6/22/2016			<0.001	0.0008					
8/10/2016									
8/11/2016		<0.001					<0.001	<0.001	<0.001
8/12/2016					0.00053 (J)	<0.001			
8/15/2016	<0.001		<0.001						
8/16/2016				<0.001					
10/4/2016							0.00079		<0.001
10/5/2016	<0.001	<0.001			<0.001			<0.001	
10/6/2016			<0.001	<0.001		<0.001			
10/7/2016									
10/10/2016									
11/29/2016		<0.001							
11/30/2016					<0.001	<0.001	<0.001	<0.001	<0.001
12/1/2016	<0.001		<0.001	<0.001					
2/7/2017							<0.001		<0.001
2/8/2017	<0.001	<0.001	<0.001		<0.001			<0.001	
2/9/2017				<0.001		<0.001			
4/4/2017									
4/5/2017							<0.001		
4/6/2017	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001
4/7/2017									
6/20/2017	<0.001						<0.001		<0.001
6/21/2017		<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	
6/22/2017									
8/15/2017									
9/1/2017									
10/4/2017							<0.001		<0.001
10/5/2017	<0.001	<0.001	<0.001	<0.001	<0.001			<0.001	
10/6/2017						<0.001			
10/9/2017									
3/20/2018		<0.001					<0.001		<0.001
3/21/2018	<0.001		<0.001		0.00089	<0.001		0.00078	
3/22/2018				0.00046 (J)					
10/2/2018	<0.001	<0.001	<0.001				<0.001		<0.001
10/3/2018				<0.001	<0.001	<0.001		<0.001	
10/4/2018									
3/26/2019		<0.001			<0.001	<0.001	<0.001	<0.001	<0.001
3/27/2019	<0.001		0.00062	<0.001					
9/10/2019					0.00032 (J)		0.00033 (J)		0.00038 (J)
9/11/2019	0.00045 (J)	0.00043 (J)	0.00055 (J)	0.00038 (J)		0.00041 (J)			
9/12/2019								<0.001	
3/18/2020	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
3/19/2020								<0.001	
9/9/2020		<0.001	<0.001	<0.001			<0.001		<0.001
9/10/2020	<0.001				<0.001	<0.001		<0.001	
4/1/2021	<0.001	<0.001	<0.001	<0.001			<0.001		<0.001

Prediction Limit

Constituent: Arsenic, Total (mg/L) Analysis Run 3/29/2024 11:52 AM View: Appendix I - Interwell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-11	GWC-18	GWC-9	GWC-5	GWC-3	GWC-6	GWC-1	GWC-20	GWC-2
4/2/2021									
4/5/2021						<0.001		<0.001	
4/6/2021					<0.001				
8/11/2021	<0.001	<0.001				<0.001		<0.001	
8/12/2021			<0.001	<0.001	<0.001				<0.001
8/17/2021									
8/18/2021							<0.001		
2/15/2022			<0.001	<0.001	<0.001	<0.001	<0.001		<0.001
2/16/2022	<0.001	<0.001						<0.001	
8/24/2022							<0.001		
8/25/2022	<0.001	<0.001	0.00037 (J)	<0.001	<0.001	<0.001		<0.001	
8/26/2022									<0.001
2/21/2023									
2/27/2023	<0.001		<0.001			<0.001	<0.001		<0.001
2/28/2023		<0.001		<0.001	<0.001			<0.001	
8/3/2023									
8/8/2023			<0.001	<0.001		<0.001		<0.001	
8/9/2023	<0.001	<0.001			<0.001		<0.001		<0.001
2/28/2024									
2/29/2024	<0.001	<0.001		<0.001		<0.001			
3/1/2024			<0.001				<0.001	<0.001	<0.001
3/4/2024					<0.001				

Prediction Limit

Constituent: Arsenic, Total (mg/L) Analysis Run 3/29/2024 11:52 AM View: Appendix I - Interwell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-4	GWC-19
5/8/2010		
5/9/2010		
5/10/2010		
5/11/2010	<0.001	<0.001
6/16/2010		<0.001
6/17/2010	<0.001	
6/18/2010		
6/19/2010		
7/26/2010		
7/27/2010		<0.001
7/28/2010	<0.001	
7/29/2010		
9/7/2010		<0.001
9/8/2010	<0.001	
9/9/2010		
4/26/2011		
4/28/2011	<0.001	
4/29/2011		<0.001
4/30/2011		
10/27/2011		
10/28/2011		<0.001
10/29/2011	<0.001	
5/2/2012		<0.001
5/3/2012	<0.001	
5/4/2012		
11/9/2012		<0.001
11/10/2012	<0.001	
11/11/2012		
5/8/2013		
5/9/2013		<0.001
5/10/2013	<0.001	
11/5/2013		
11/6/2013	<0.001	<0.001
11/7/2013		
5/20/2014		
5/21/2014		
5/22/2014	<0.001	<0.001
5/23/2014		
11/8/2014		<0.001
11/9/2014	<0.001	
11/12/2014		
11/13/2014		
5/22/2015	<0.001	
5/23/2015		<0.001
5/24/2015		
11/9/2015		
11/10/2015		<0.001
11/11/2015	<0.001	
11/12/2015		
4/6/2016		
4/11/2016		<0.001
4/12/2016	<0.001	

Prediction Limit

Constituent: Arsenic, Total (mg/L) Analysis Run 3/29/2024 11:52 AM View: Appendix I - Interwell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-4	GWC-19
4/13/2016		
4/19/2016		
6/15/2016		
6/16/2016		5.1E-05 (J)
6/20/2016	<0.001	
6/21/2016		
6/22/2016		
8/10/2016		
8/11/2016		<0.001
8/12/2016	<0.001	
8/15/2016		
8/16/2016		
10/4/2016		
10/5/2016		<0.001
10/6/2016	<0.001	
10/7/2016		
10/10/2016		
11/29/2016		<0.001
11/30/2016	<0.001	
12/1/2016		
2/7/2017		
2/8/2017	<0.001	<0.001
2/9/2017		
4/4/2017		
4/5/2017		<0.001
4/6/2017	<0.001	
4/7/2017		
6/20/2017		
6/21/2017		<0.001
6/22/2017	<0.001	
8/15/2017		
9/1/2017		
10/4/2017		
10/5/2017		<0.001
10/6/2017	<0.001	
10/9/2017		
3/20/2018		<0.001
3/21/2018	<0.001	
3/22/2018		
10/2/2018		<0.001
10/3/2018	<0.001	
10/4/2018		
3/26/2019	<0.001	<0.001
3/27/2019		
9/10/2019	0.00032 (J)	
9/11/2019		
9/12/2019		<0.001
3/18/2020		
3/19/2020	<0.001	<0.001
9/9/2020		<0.001
9/10/2020	<0.001	
4/1/2021		

Prediction Limit

Constituent: Arsenic, Total (mg/L) Analysis Run 3/29/2024 11:52 AM View: Appendix I - Interwell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-4	GWC-19
4/2/2021	<0.001	
4/5/2021		<0.001
4/6/2021		
8/11/2021		<0.001
8/12/2021	<0.001	
8/17/2021		
8/18/2021		
2/15/2022	<0.001	
2/16/2022		<0.001
8/24/2022		
8/25/2022	<0.001	<0.001
8/26/2022		
2/21/2023		
2/27/2023	<0.001	
2/28/2023		<0.001
8/3/2023		
8/8/2023	<0.001	<0.001
8/9/2023		
2/28/2024		
2/29/2024	<0.001	<0.001
3/1/2024		
3/4/2024		

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 3/29/2024 11:52 AM View: Appendix I - Interwell

Plant Scherer Data: Scherer Cell 1-CCR

	GWA-17 (bg)	GWA-15 (bg)	GWC-13	GWC-12	GWA-16 (bg)	GWC-14	GWC-7	GWC-18	GWC-8A
5/8/2010	<0.001								
5/9/2010		<0.001	<0.001	<0.001	<0.001	<0.001			
5/10/2010							<0.001	<0.001	<0.001
5/11/2010									
6/16/2010	<0.001				<0.001			<0.001	
6/17/2010									
6/18/2010		<0.001	<0.001	<0.001		<0.001	<0.001		
6/19/2010									<0.001
7/26/2010	<0.001							<0.001	
7/27/2010				<0.001	<0.001				
7/28/2010		<0.001				<0.001	<0.001		<0.001
7/29/2010			<0.001						
9/7/2010	<0.001				<0.001			<0.001	
9/8/2010				<0.001					<0.001
9/9/2010		<0.001	<0.001			<0.001	<0.001		
4/26/2011			<0.001						
4/28/2011									
4/29/2011	<0.001			<0.001	<0.001			<0.001	
4/30/2011		<0.001				<0.001	<0.001		<0.001
10/27/2011									<0.001
10/28/2011	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	
10/29/2011							<0.001		
5/2/2012	<0.001	<0.001			<0.001			<0.001	
5/3/2012				<0.001		<0.001			
5/4/2012			<0.001				<0.001		<0.001
11/9/2012	<0.001	<0.001			<0.001			<0.001	
11/10/2012				<0.001		<0.001	<0.001		
11/11/2012			<0.001						<0.001
5/8/2013	<0.001	<0.001	<0.001		<0.001	<0.001		<0.001	
5/9/2013				<0.001			<0.001		
5/10/2013									<0.001
11/5/2013		<0.001				<0.001			
11/6/2013	<0.001			<0.001	<0.001			<0.001	
11/7/2013			<0.001				<0.001		<0.001
5/20/2014	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			
5/21/2014							<0.001		<0.001
5/22/2014									
5/23/2014								<0.001	
11/8/2014	<0.001				<0.001			<0.001	
11/9/2014									
11/12/2014		<0.001	<0.001	<0.001		<0.001	<0.001		
11/13/2014									<0.001
5/22/2015	<0.001	<0.001			<0.001			<0.001	
5/23/2015				<0.001					<0.001
5/24/2015			<0.001			<0.001	<0.001		
11/9/2015	<0.001				<0.001				
11/10/2015								<0.001	
11/11/2015		<0.001				<0.001	<0.001		<0.001
11/12/2015			<0.001	<0.001					
4/6/2016	<0.001	<0.001			<0.001				
4/11/2016								<0.001	
4/12/2016									

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 3/29/2024 11:52 AM View: Appendix I - Interwell

Plant Scherer Data: Scherer Cell 1-CCR

	GWA-17 (bg)	GWA-15 (bg)	GWC-13	GWC-12	GWA-16 (bg)	GWC-14	GWC-7	GWC-18	GWC-8A
4/13/2016			<0.001 (D)	<0.001 (D)		<0.001 (D)	<0.001 (D)		
4/19/2016									<0.001
10/4/2016		<0.001			<0.001	<0.001			
10/5/2016	<0.001			<0.001				<0.001	
10/6/2016							<0.001		
10/7/2016			<0.001						
10/10/2016									<0.001
4/4/2017	<0.001	<0.001			<0.001				
4/5/2017				<0.001					
4/6/2017			<0.001			<0.001		<0.001	
4/7/2017							<0.001		<0.001
10/4/2017		<0.001							
10/5/2017	<0.001			<0.001	<0.001	<0.001		<0.001	
10/6/2017			0.00031				<0.001		
10/9/2017									<0.001
3/20/2018	<0.001	<0.001 (D)			<0.001	<0.001		<0.001	
3/21/2018				<0.001 (D)					
3/22/2018			<0.001				<0.001		<0.001
10/2/2018	<0.001	<0.001		<0.001	<0.001	<0.001		<0.001	
10/3/2018			<0.001						
10/4/2018							<0.001		<0.001
3/26/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	
3/27/2019							<0.001		<0.001
9/10/2019	<0.001	<0.001			<0.001				
9/11/2019			<0.001	<0.001		<0.001	<0.001	<0.001	<0.001
9/12/2019									
3/18/2020	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001
3/19/2020							<0.001		
9/9/2020	<0.001	<0.001			<0.001	<0.001		<0.001	<0.001
9/10/2020			<0.001	<0.001			<0.001		
4/1/2021	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	
4/2/2021									
4/5/2021									<0.001
4/6/2021			<0.001						
8/11/2021	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
8/12/2021									<0.001
8/17/2021									
8/18/2021									
2/15/2022	<0.001	<0.001			<0.001		<0.001		<0.001
2/16/2022			<0.001	<0.001		<0.001		<0.001	
8/24/2022	<0.001								
8/25/2022		<0.001			<0.001		<0.001	<0.001	<0.001
8/26/2022			<0.001	<0.001		<0.001			
2/21/2023									
2/27/2023			<0.001	<0.001		<0.001	<0.001		<0.001
2/28/2023	<0.001	<0.001			<0.001			<0.001	
8/3/2023	<0.001	<0.001			<0.001				
8/8/2023							<0.001		<0.001
8/9/2023			<0.001	<0.001		<0.001		<0.001	
2/28/2024	<0.001				<0.001				
2/29/2024				<0.001			<0.001	<0.001	<0.001
3/1/2024			<0.001			<0.001			

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 3/29/2024 11:52 AM View: Appendix I - Interwell
Plant Scherer Data: Scherer Cell 1-CCR

	GWA-17 (bg)	GWA-15 (bg)	GWC-13	GWC-12	GWA-16 (bg)	GWC-14	GWC-7	GWC-18	GWC-8A
3/4/2024		<0.001							

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 3/29/2024 11:52 AM View: Appendix I - Interwell
 Plant Scherer Data: Scherer Cell 1-CCR

	GWC-10	GWC-11	GWC-9	GWC-4	GWC-6	GWC-1	GWC-5	GWC-20	GWC-2
5/8/2010									
5/9/2010									
5/10/2010	<0.001	<0.001	<0.001						
5/11/2010				<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
6/16/2010	<0.001	<0.001	<0.001						
6/17/2010				<0.001		<0.001		<0.001	
6/18/2010					<0.001		<0.001		
6/19/2010									<0.001
7/26/2010									
7/27/2010		<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001
7/28/2010	<0.001			<0.001					
7/29/2010									
9/7/2010								<0.001	
9/8/2010	<0.001	<0.001	<0.001	<0.001					
9/9/2010					<0.001	<0.001	<0.001		<0.001
4/26/2011									
4/28/2011				<0.001		<0.001			<0.001
4/29/2011	<0.001	<0.001	<0.001				<0.001	<0.001	
4/30/2011					<0.001				
10/27/2011	<0.001	<0.001	<0.001						
10/28/2011							<0.001	<0.001	<0.001
10/29/2011				<0.001	<0.001	<0.001			
5/2/2012									
5/3/2012			<0.001	<0.001		<0.001		<0.001	<0.001
5/4/2012	<0.001	<0.001			<0.001		<0.001		
11/9/2012						<0.001			<0.001
11/10/2012		<0.001		<0.001	<0.001		<0.001	<0.001	
11/11/2012	<0.001		<0.001						
5/8/2013									
5/9/2013	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001
5/10/2013				<0.001					
11/5/2013	<0.001					<0.001			<0.001
11/6/2013		<0.001	<0.001	<0.001			<0.001	<0.001	
11/7/2013					<0.001				
5/20/2014		<0.001							
5/21/2014	<0.001		<0.001		<0.001				
5/22/2014				<0.001			<0.001	<0.001	<0.001
5/23/2014						<0.001			
11/8/2014									
11/9/2014				<0.001	<0.001		<0.001	<0.001	
11/12/2014	<0.001	<0.001	<0.001						
11/13/2014						<0.001			<0.001
5/22/2015				<0.001					
5/23/2015	<0.001		<0.001			<0.001			
5/24/2015		<0.001			<0.001		<0.001	<0.001	<0.001
11/9/2015									
11/10/2015								<0.001	
11/11/2015				<0.001	<0.001	<0.001	<0.001		<0.001
11/12/2015	<0.001	<0.001	<0.001						
4/6/2016									
4/11/2016									
4/12/2016				<0.001	<0.001	<0.001		<0.001	<0.001

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 3/29/2024 11:52 AM View: Appendix I - Interwell
 Plant Scherer Data: Scherer Cell 1-CCR

	GWC-10	GWC-11	GWC-9	GWC-4	GWC-6	GWC-1	GWC-5	GWC-20	GWC-2
4/13/2016	<0.001 (D)	<0.001 (D)	<0.001 (D)						
4/19/2016							<0.001		
10/4/2016						0.00012 (J)			<0.001
10/5/2016	<0.001	<0.001						<0.001	
10/6/2016			<0.001	<0.001	0.00012 (J)		<0.001		
10/7/2016									
10/10/2016									
4/4/2017									
4/5/2017						<0.001			
4/6/2017	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
4/7/2017									
10/4/2017						<0.001			<0.001
10/5/2017	<0.001	<0.001	<0.001				<0.001	<0.001	
10/6/2017				<0.001	<0.001				
10/9/2017									
3/20/2018						<0.001			<0.001
3/21/2018	<0.001	<0.001	<0.001	<0.001	<0.001			<0.001	
3/22/2018							<0.001		
10/2/2018	<0.001	<0.001	<0.001			<0.001			<0.001
10/3/2018				<0.001	<0.001		<0.001	<0.001	
10/4/2018									
3/26/2019				<0.001	<0.001	<0.001		<0.001	<0.001
3/27/2019	<0.001	<0.001	<0.001				<0.001		
9/10/2019				<0.001		<0.001			<0.001
9/11/2019	<0.001	<0.001 (D)	<0.001		<0.001		<0.001		
9/12/2019								<0.001	
3/18/2020	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001		<0.001
3/19/2020				<0.001				<0.001	
9/9/2020	<0.001		<0.001			<0.001	<0.001		<0.001
9/10/2020		<0.001		<0.001	<0.001			<0.001	
4/1/2021	<0.001	<0.001	<0.001			<0.001	<0.001		<0.001
4/2/2021				<0.001					
4/5/2021					<0.001			<0.001	
4/6/2021									
8/11/2021		<0.001			<0.001			<0.001	
8/12/2021			<0.001	<0.001			<0.001		<0.001
8/17/2021	<0.001								
8/18/2021						<0.001			
2/15/2022	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001		<0.001
2/16/2022		<0.001						<0.001	
8/24/2022						<0.001			
8/25/2022	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	
8/26/2022									<0.001
2/21/2023	<0.001								
2/27/2023		<0.001	<0.001	<0.001	<0.001	<0.001			<0.001
2/28/2023							<0.001	<0.001	
8/3/2023									
8/8/2023			<0.001	<0.001	<0.001		<0.001	<0.001	
8/9/2023	<0.001	<0.001				<0.001			<0.001
2/28/2024									
2/29/2024		<0.001		<0.001	<0.001		<0.001		
3/1/2024	<0.001		<0.001			<0.001		<0.001	<0.001

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 3/29/2024 11:52 AM View: Appendix I - Interwell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-3	GWC-19
5/8/2010		
5/9/2010		
5/10/2010		
5/11/2010	<0.001	<0.001
6/16/2010		<0.001
6/17/2010	<0.001	
6/18/2010		
6/19/2010		
7/26/2010		
7/27/2010		<0.001
7/28/2010	<0.001	
7/29/2010		
9/7/2010	<0.001	<0.001
9/8/2010		
9/9/2010		
4/26/2011		
4/28/2011		
4/29/2011	<0.001	<0.001
4/30/2011		
10/27/2011		
10/28/2011	<0.001	<0.001
10/29/2011		
5/2/2012		<0.001
5/3/2012	<0.001	
5/4/2012		
11/9/2012	<0.001	<0.001
11/10/2012		
11/11/2012		
5/8/2013		
5/9/2013		<0.001
5/10/2013	<0.001	
11/5/2013		
11/6/2013	<0.001	<0.001
11/7/2013		
5/20/2014		
5/21/2014		
5/22/2014	<0.001	<0.001
5/23/2014		
11/8/2014		<0.001
11/9/2014	<0.001	
11/12/2014		
11/13/2014		
5/22/2015	<0.001	
5/23/2015		<0.001
5/24/2015		
11/9/2015		
11/10/2015	<0.001	<0.001
11/11/2015		
11/12/2015		
4/6/2016		
4/11/2016		<0.001
4/12/2016	<0.001 (D)	

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 3/29/2024 11:52 AM View: Appendix I - Interwell
Plant Scherer Data: Scherer Cell 1-CCR

	GWC-3	GWC-19
4/13/2016		
4/19/2016		
10/4/2016		
10/5/2016	<0.001	<0.001
10/6/2016		
10/7/2016		
10/10/2016		
4/4/2017		
4/5/2017		<0.001
4/6/2017	<0.001	
4/7/2017		
10/4/2017		
10/5/2017	<0.001	<0.001
10/6/2017		
10/9/2017		
3/20/2018		<0.001
3/21/2018	<0.001	
3/22/2018		
10/2/2018		<0.001
10/3/2018	<0.001	
10/4/2018		
3/26/2019	<0.001	<0.001
3/27/2019		
9/10/2019	<0.001	
9/11/2019		
9/12/2019		<0.001
3/18/2020	<0.001	
3/19/2020		<0.001
9/9/2020		<0.001
9/10/2020	<0.001	
4/1/2021		
4/2/2021		
4/5/2021		<0.001
4/6/2021	<0.001	
8/11/2021		<0.001
8/12/2021	<0.001	
8/17/2021		
8/18/2021		
2/15/2022	<0.001	
2/16/2022		<0.001
8/24/2022		
8/25/2022	<0.001	<0.001
8/26/2022		
2/21/2023		
2/27/2023		
2/28/2023	<0.001	<0.001
8/3/2023		
8/8/2023		<0.001
8/9/2023	<0.001	
2/28/2024		
2/29/2024		<0.001
3/1/2024		

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 3/29/2024 11:52 AM View: Appendix I - Interwell
Plant Scherer Data: Scherer Cell 1-CCR

3/4/2024	GWC-3 <0.001	GWC-19
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FIGURE I.

Appendix I & III Trend Tests Summary - Significant Results

Plant Scherer Data: Scherer Cell 1-CCR Printed 3/29/2024, 1:12 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Barium, Total (mg/L)	GWA-17 (bg)	-0.0007003	-219	-191	Yes	36	2.778	n/a	0.01	NP
Barium, Total (mg/L)	GWC-10	0.0009692	403	191	Yes	36	5.556	n/a	0.01	NP
Barium, Total (mg/L)	GWC-19	0.0009869	346	191	Yes	36	2.778	n/a	0.01	NP
Barium, Total (mg/L)	GWC-4	0.002218	519	206	Yes	38	0	n/a	0.01	NP
Calcium (mg/L)	GWA-17 (bg)	0.2916	128	92	Yes	22	0	n/a	0.01	NP
Calcium (mg/L)	GWC-19	1.182	186	98	Yes	23	0	n/a	0.01	NP
Calcium (mg/L)	GWC-4	1.232	178	98	Yes	23	0	n/a	0.01	NP
Calcium (mg/L)	GWC-7	0.2544	96	92	Yes	22	0	n/a	0.01	NP
Calcium (mg/L)	GWC-8A	5.216	150	87	Yes	21	0	n/a	0.01	NP
Chloride (mg/L)	GWA-15 (bg)	0.1539	106	92	Yes	22	0	n/a	0.01	NP
Chloride (mg/L)	GWA-17 (bg)	-0.04392	-122	-92	Yes	22	0	n/a	0.01	NP
Chloride (mg/L)	GWC-14	0.09154	95	92	Yes	22	0	n/a	0.01	NP
Chloride (mg/L)	GWC-18	0.05564	107	92	Yes	22	0	n/a	0.01	NP
Chloride (mg/L)	GWC-19	0.1345	98	92	Yes	22	0	n/a	0.01	NP
Chloride (mg/L)	GWC-4	1.692	186	98	Yes	23	0	n/a	0.01	NP
Chloride (mg/L)	GWC-7	0.2466	139	92	Yes	22	0	n/a	0.01	NP
pH (S.U.)	GWA-15 (bg)	-0.0178	-121	-118	Yes	26	0	n/a	0.01	NP
pH (S.U.)	GWA-17 (bg)	0.04321	180	111	Yes	25	0	n/a	0.01	NP
pH (S.U.)	GWC-5	0.05647	159	118	Yes	26	0	n/a	0.01	NP
Sulfate (mg/L)	GWA-15 (bg)	0.2092	111	92	Yes	22	36.36	n/a	0.01	NP
Sulfate (mg/L)	GWC-10	0.497	223	105	Yes	24	12.5	n/a	0.01	NP
Sulfate (mg/L)	GWC-4	3.102	149	105	Yes	24	0	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWC-4	14.07	175	98	Yes	23	0	n/a	0.01	NP

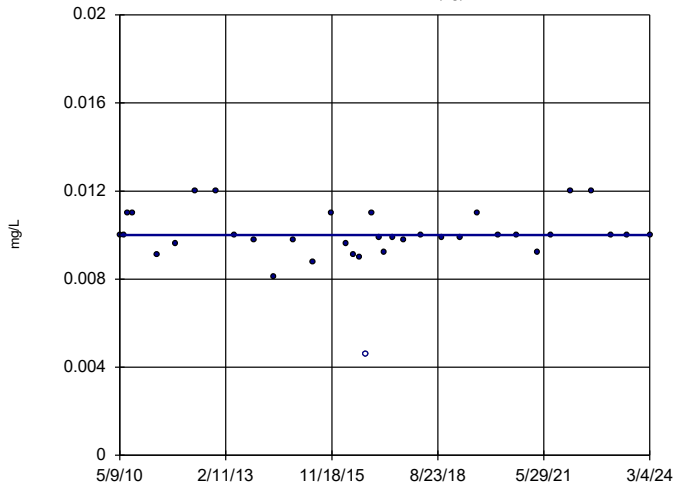
Appendix I & III Trend Tests Summary - All Results

Plant Scherer Data: Scherer Cell 1-CCR Printed 3/29/2024, 1:12 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Barium, Total (mg/L)	GWA-15 (bg)	0	66	191	No	36	2.778	n/a	0.01	NP
Barium, Total (mg/L)	GWA-16 (bg)	-0.0002293	-159	-191	No	36	0	n/a	0.01	NP
Barium, Total (mg/L)	GWA-17 (bg)	-0.0007003	-219	-191	Yes	36	2.778	n/a	0.01	NP
Barium, Total (mg/L)	GWC-10	0.0009692	403	191	Yes	36	5.556	n/a	0.01	NP
Barium, Total (mg/L)	GWC-14	0.0001183	145	176	No	34	2.941	n/a	0.01	NP
Barium, Total (mg/L)	GWC-19	0.0009869	346	191	Yes	36	2.778	n/a	0.01	NP
Barium, Total (mg/L)	GWC-20	0	43	191	No	36	2.778	n/a	0.01	NP
Barium, Total (mg/L)	GWC-4	0.002218	519	206	Yes	38	0	n/a	0.01	NP
Calcium (mg/L)	GWA-15 (bg)	0	3	92	No	22	0	n/a	0.01	NP
Calcium (mg/L)	GWA-16 (bg)	0.1304	45	92	No	22	0	n/a	0.01	NP
Calcium (mg/L)	GWA-17 (bg)	0.2916	128	92	Yes	22	0	n/a	0.01	NP
Calcium (mg/L)	GWC-19	1.182	186	98	Yes	23	0	n/a	0.01	NP
Calcium (mg/L)	GWC-20	0.2593	77	92	No	22	0	n/a	0.01	NP
Calcium (mg/L)	GWC-4	1.232	178	98	Yes	23	0	n/a	0.01	NP
Calcium (mg/L)	GWC-6	-0.2856	-57	-92	No	22	0	n/a	0.01	NP
Calcium (mg/L)	GWC-7	0.2544	96	92	Yes	22	0	n/a	0.01	NP
Calcium (mg/L)	GWC-8A	5.216	150	87	Yes	21	0	n/a	0.01	NP
Chloride (mg/L)	GWA-15 (bg)	0.1539	106	92	Yes	22	0	n/a	0.01	NP
Chloride (mg/L)	GWA-16 (bg)	0	-45	-92	No	22	0	n/a	0.01	NP
Chloride (mg/L)	GWA-17 (bg)	-0.04392	-122	-92	Yes	22	0	n/a	0.01	NP
Chloride (mg/L)	GWC-11	0	-1	-92	No	22	0	n/a	0.01	NP
Chloride (mg/L)	GWC-12	0.0171	48	92	No	22	0	n/a	0.01	NP
Chloride (mg/L)	GWC-14	0.09154	95	92	Yes	22	0	n/a	0.01	NP
Chloride (mg/L)	GWC-18	0.05564	107	92	Yes	22	0	n/a	0.01	NP
Chloride (mg/L)	GWC-19	0.1345	98	92	Yes	22	0	n/a	0.01	NP
Chloride (mg/L)	GWC-20	0.02645	65	92	No	22	4.545	n/a	0.01	NP
Chloride (mg/L)	GWC-4	1.692	186	98	Yes	23	0	n/a	0.01	NP
Chloride (mg/L)	GWC-7	0.2466	139	92	Yes	22	0	n/a	0.01	NP
Chloride (mg/L)	GWC-9	0.05592	51	92	No	22	0	n/a	0.01	NP
Nickel (mg/L)	GWA-15 (bg)	0	-144	-152	No	31	67.74	n/a	0.01	NP
Nickel (mg/L)	GWA-16 (bg)	0	-11	-146	No	30	96.67	n/a	0.01	NP
Nickel (mg/L)	GWA-17 (bg)	0	-42	-152	No	31	87.1	n/a	0.01	NP
Nickel (mg/L)	GWC-10	0	97	161	No	32	59.38	n/a	0.01	NP
Nickel (mg/L)	GWC-14	0	30	152	No	31	96.77	n/a	0.01	NP
pH (S.U.)	GWA-15 (bg)	-0.0178	-121	-118	Yes	26	0	n/a	0.01	NP
pH (S.U.)	GWA-16 (bg)	0.006799	36	111	No	25	0	n/a	0.01	NP
pH (S.U.)	GWA-17 (bg)	0.04321	180	111	Yes	25	0	n/a	0.01	NP
pH (S.U.)	GWC-20	0.009807	100	131	No	28	0	n/a	0.01	NP
pH (S.U.)	GWC-5	0.05647	159	118	Yes	26	0	n/a	0.01	NP
pH (S.U.)	GWC-7	0.01084	66	111	No	25	0	n/a	0.01	NP
Sulfate (mg/L)	GWA-15 (bg)	0.2092	111	92	Yes	22	36.36	n/a	0.01	NP
Sulfate (mg/L)	GWA-16 (bg)	0	-8	-92	No	22	86.36	n/a	0.01	NP
Sulfate (mg/L)	GWA-17 (bg)	0	4	92	No	22	81.82	n/a	0.01	NP
Sulfate (mg/L)	GWC-10	0.497	223	105	Yes	24	12.5	n/a	0.01	NP
Sulfate (mg/L)	GWC-18	0	27	92	No	22	77.27	n/a	0.01	NP
Sulfate (mg/L)	GWC-2	0	14	92	No	22	50	n/a	0.01	NP
Sulfate (mg/L)	GWC-3	0.1127	84	105	No	24	45.83	n/a	0.01	NP
Sulfate (mg/L)	GWC-4	3.102	149	105	Yes	24	0	n/a	0.01	NP
Sulfate (mg/L)	GWC-6	0	4	92	No	22	0	n/a	0.01	NP
Sulfate (mg/L)	GWC-7	0	47	92	No	22	72.73	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWA-15 (bg)	1.835	54	92	No	22	9.091	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWA-16 (bg)	0	20	92	No	22	0	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWA-17 (bg)	3.602	77	92	No	22	0	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWC-4	14.07	175	98	Yes	23	0	n/a	0.01	NP
Zinc (mg/L)	GWA-15 (bg)	0	12	152	No	31	96.77	n/a	0.01	NP
Zinc (mg/L)	GWA-16 (bg)	0	-41	-152	No	31	93.55	n/a	0.01	NP
Zinc (mg/L)	GWA-17 (bg)	0	13	152	No	31	90.32	n/a	0.01	NP
Zinc (mg/L)	GWC-14	0	17	152	No	31	93.55	n/a	0.01	NP

Sen's Slope Estimator

GWA-15 (bg)

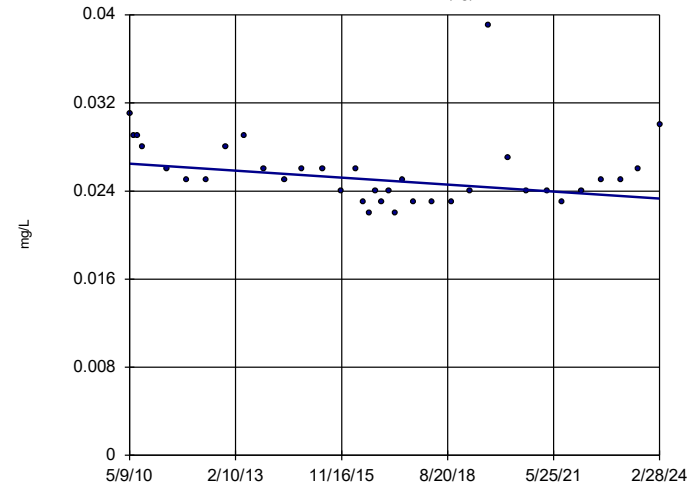


n = 36
Slope = 0
units per year.
Mann-Kendall
statistic = 66
critical = 191
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Barium, Total Analysis Run 3/29/2024 1:11 PM View: Trend Tests
Plant Scherer Data: Scherer Cell 1-CCR

Sen's Slope Estimator

GWA-16 (bg)

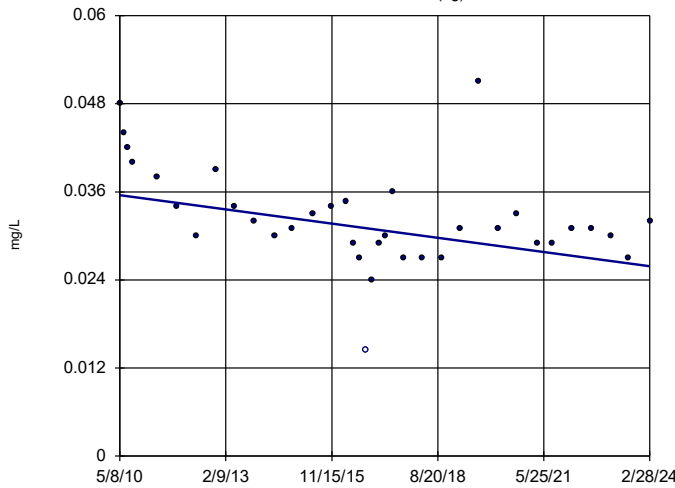


n = 36
Slope = -0.0002293
units per year.
Mann-Kendall
statistic = -159
critical = 191
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Barium, Total Analysis Run 3/29/2024 1:11 PM View: Trend Tests
Plant Scherer Data: Scherer Cell 1-CCR

Sen's Slope Estimator

GWA-17 (bg)

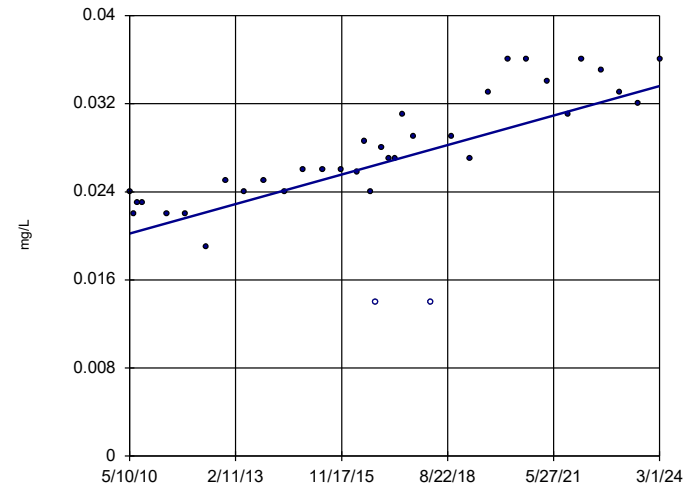


n = 36
Slope = -0.0007003
units per year.
Mann-Kendall
statistic = -219
critical = 191
Decreasing trend
significant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Barium, Total Analysis Run 3/29/2024 1:11 PM View: Trend Tests
Plant Scherer Data: Scherer Cell 1-CCR

Sen's Slope Estimator

GWC-10

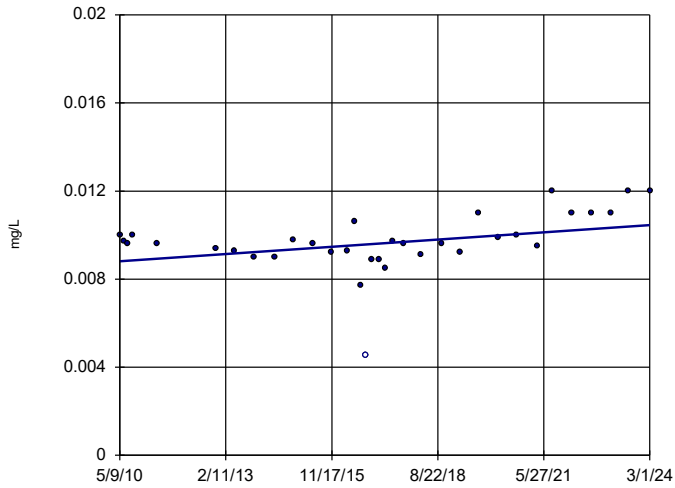


n = 36
Slope = 0.0009692
units per year.
Mann-Kendall
statistic = 403
critical = 191
Increasing trend
significant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Barium, Total Analysis Run 3/29/2024 1:11 PM View: Trend Tests
Plant Scherer Data: Scherer Cell 1-CCR

Sen's Slope Estimator

GWC-14

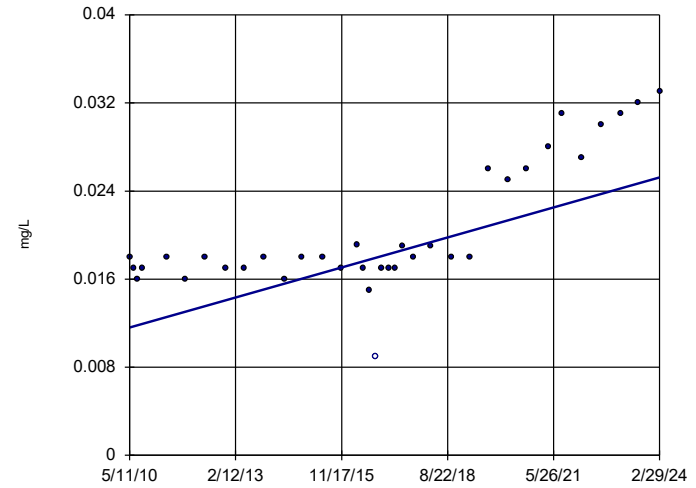


n = 34
Slope = 0.0001183
units per year.
Mann-Kendall
statistic = 145
critical = 176
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Barium, Total Analysis Run 3/29/2024 1:11 PM View: Trend Tests
Plant Scherer Data: Scherer Cell 1-CCR

Sen's Slope Estimator

GWC-19

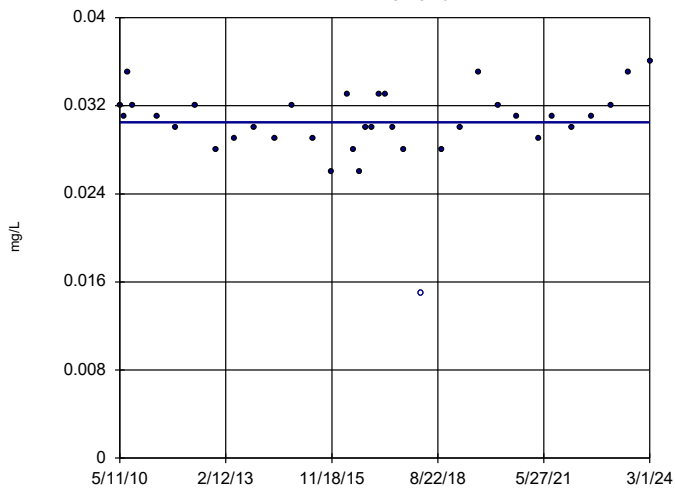


n = 36
Slope = 0.0009869
units per year.
Mann-Kendall
statistic = 346
critical = 191
Increasing trend
significant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Barium, Total Analysis Run 3/29/2024 1:11 PM View: Trend Tests
Plant Scherer Data: Scherer Cell 1-CCR

Sen's Slope Estimator

GWC-20

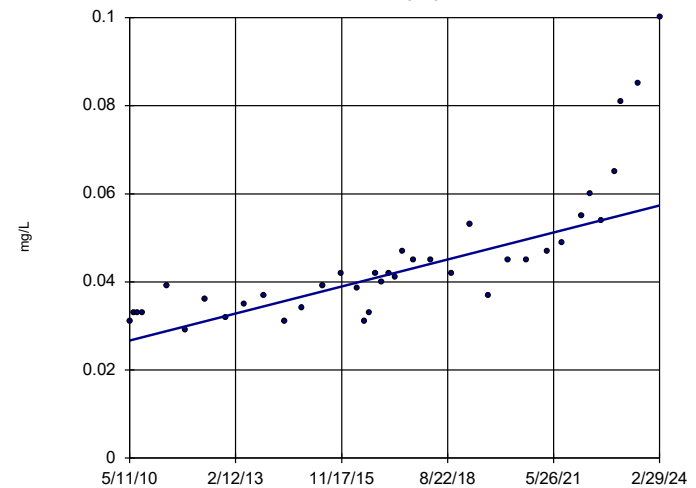


n = 36
Slope = 0
units per year.
Mann-Kendall
statistic = 43
critical = 191
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Barium, Total Analysis Run 3/29/2024 1:11 PM View: Trend Tests
Plant Scherer Data: Scherer Cell 1-CCR

Sen's Slope Estimator

GWC-4

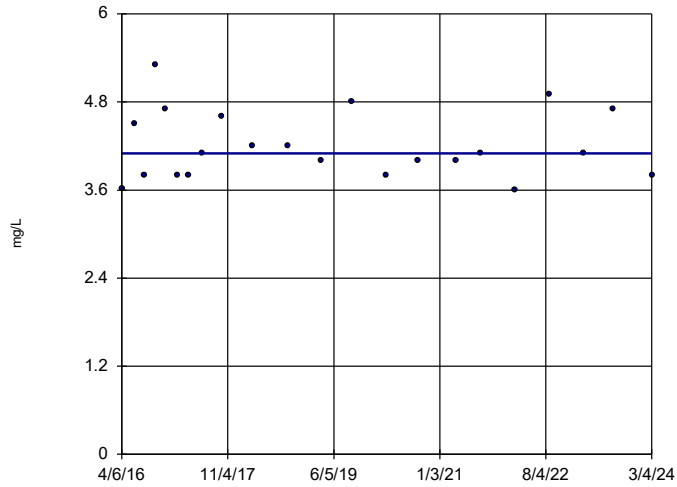


n = 38
Slope = 0.002218
units per year.
Mann-Kendall
statistic = 519
critical = 206
Increasing trend
significant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Barium, Total Analysis Run 3/29/2024 1:11 PM View: Trend Tests
Plant Scherer Data: Scherer Cell 1-CCR

Sen's Slope Estimator

GWA-15 (bg)

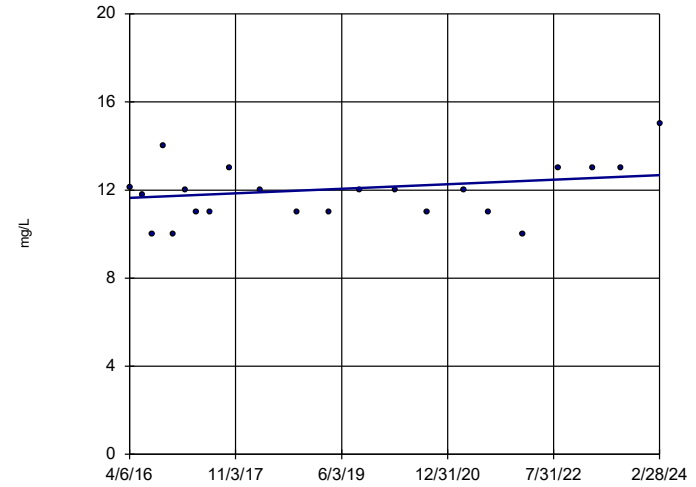


n = 22
Slope = 0
units per year.
Mann-Kendall
statistic = 3
critical = 92
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Calcium Analysis Run 3/29/2024 1:11 PM View: Trend Tests
Plant Scherer Data: Scherer Cell 1-CCR

Sen's Slope Estimator

GWA-16 (bg)

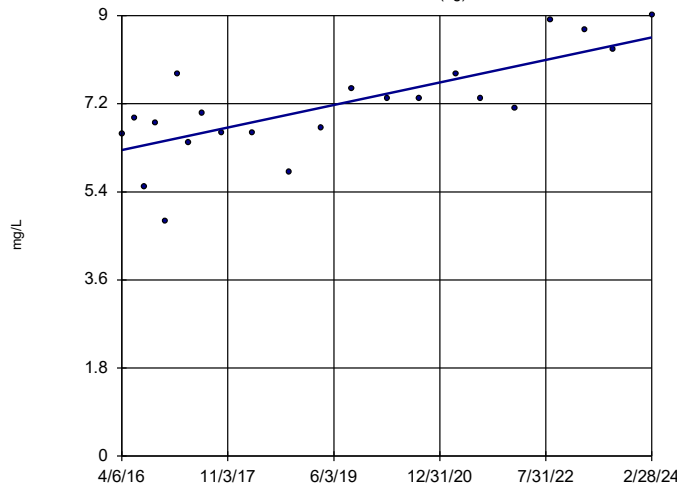


n = 22
Slope = 0.1304
units per year.
Mann-Kendall
statistic = 45
critical = 92
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Calcium Analysis Run 3/29/2024 1:11 PM View: Trend Tests
Plant Scherer Data: Scherer Cell 1-CCR

Sen's Slope Estimator

GWA-17 (bg)

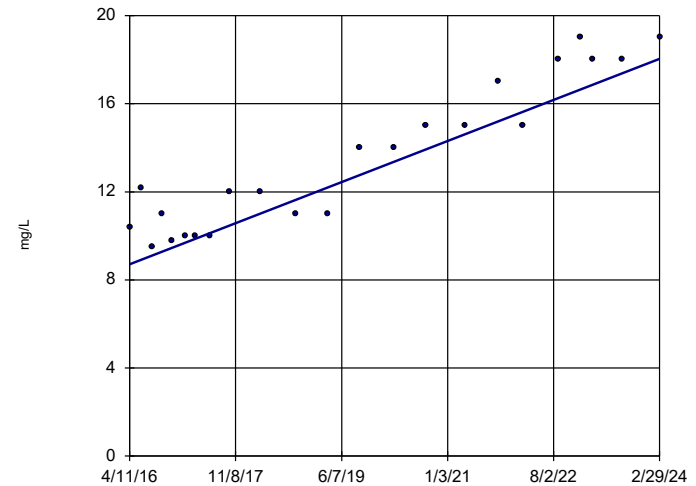


n = 22
Slope = 0.2916
units per year.
Mann-Kendall
statistic = 128
critical = 92
Increasing trend
significant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Calcium Analysis Run 3/29/2024 1:11 PM View: Trend Tests
Plant Scherer Data: Scherer Cell 1-CCR

Sen's Slope Estimator

GWC-19

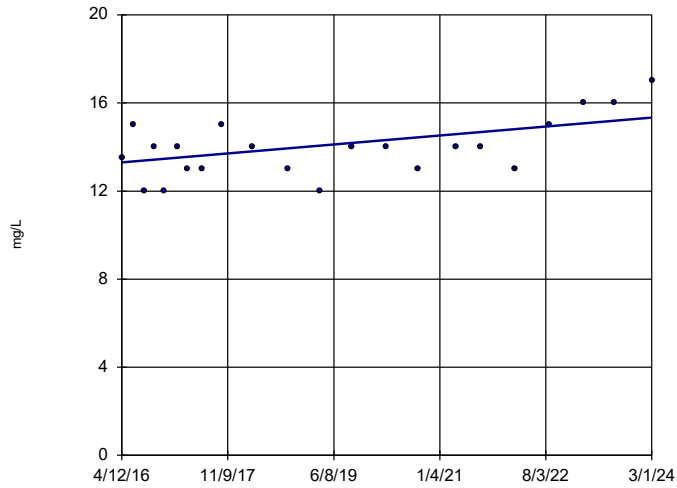


n = 23
Slope = 1.182
units per year.
Mann-Kendall
statistic = 186
critical = 98
Increasing trend
significant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Calcium Analysis Run 3/29/2024 1:11 PM View: Trend Tests
Plant Scherer Data: Scherer Cell 1-CCR

Sen's Slope Estimator

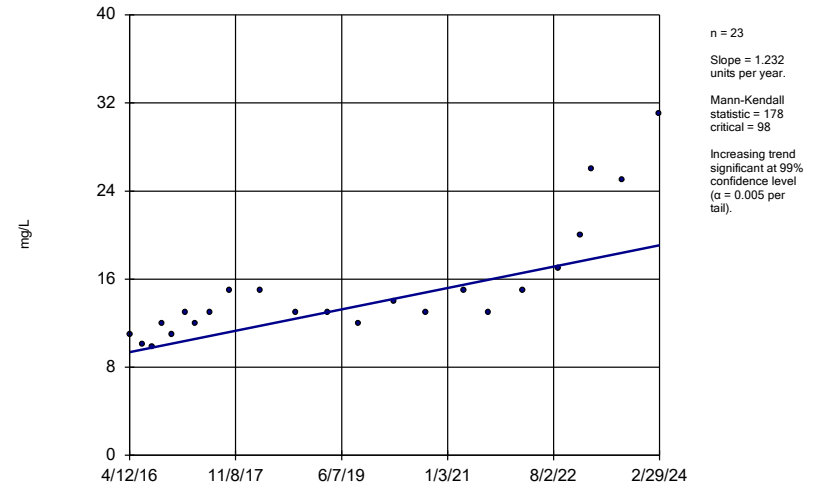
GWC-20



Constituent: Calcium Analysis Run 3/29/2024 1:11 PM View: Trend Tests
Plant Scherer Data: Scherer Cell 1-CCR

Sen's Slope Estimator

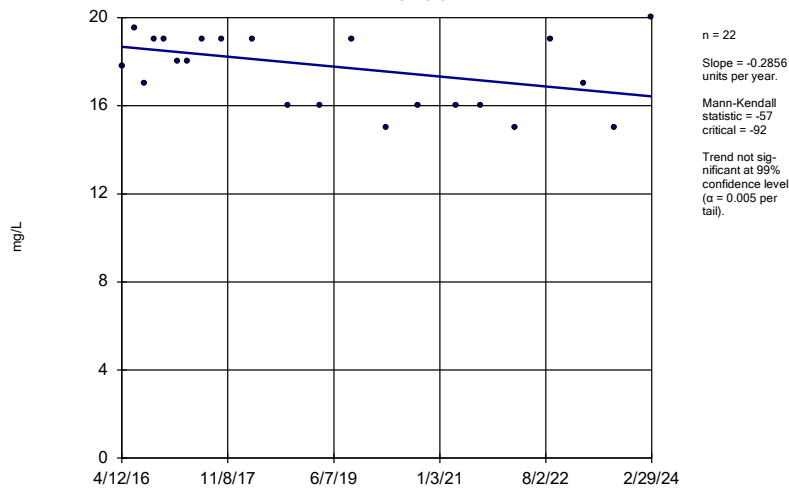
GWC-4



Constituent: Calcium Analysis Run 3/29/2024 1:11 PM View: Trend Tests
Plant Scherer Data: Scherer Cell 1-CCR

Sen's Slope Estimator

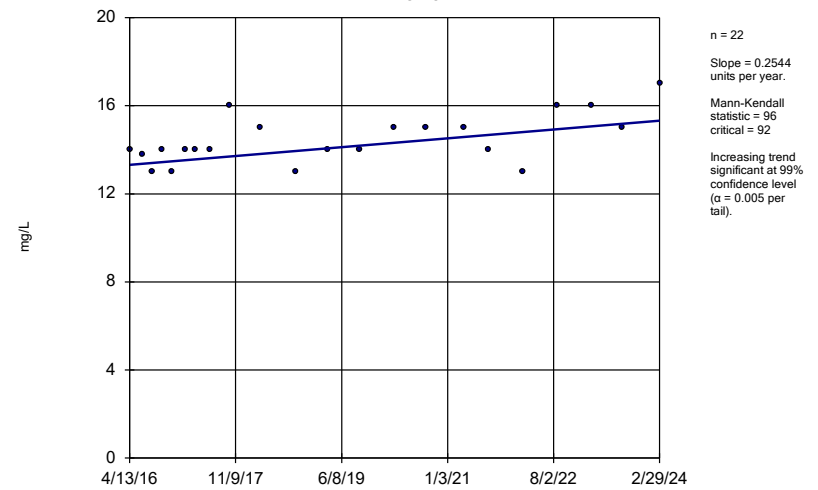
GWC-6



Constituent: Calcium Analysis Run 3/29/2024 1:11 PM View: Trend Tests
Plant Scherer Data: Scherer Cell 1-CCR

Sen's Slope Estimator

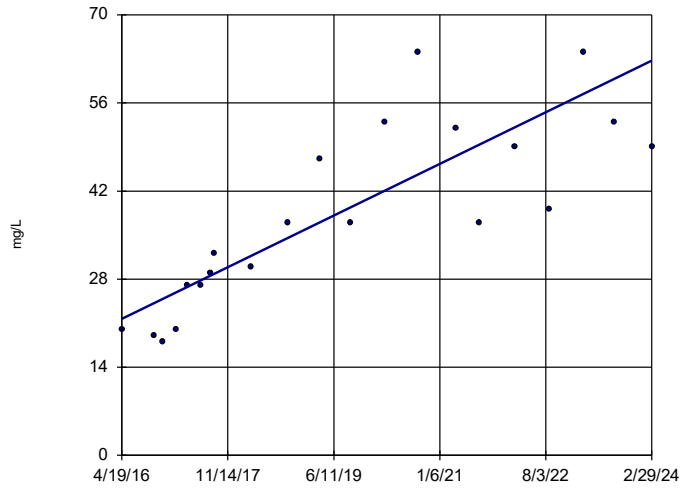
GWC-7



Constituent: Calcium Analysis Run 3/29/2024 1:11 PM View: Trend Tests
Plant Scherer Data: Scherer Cell 1-CCR

Sen's Slope Estimator

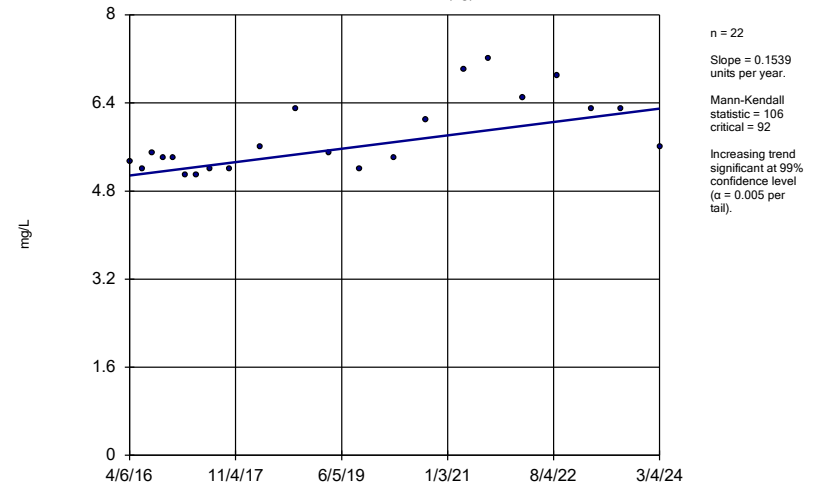
GWC-8A



Constituent: Calcium Analysis Run 3/29/2024 1:11 PM View: Trend Tests
Plant Scherer Data: Scherer Cell 1-CCR

Sen's Slope Estimator

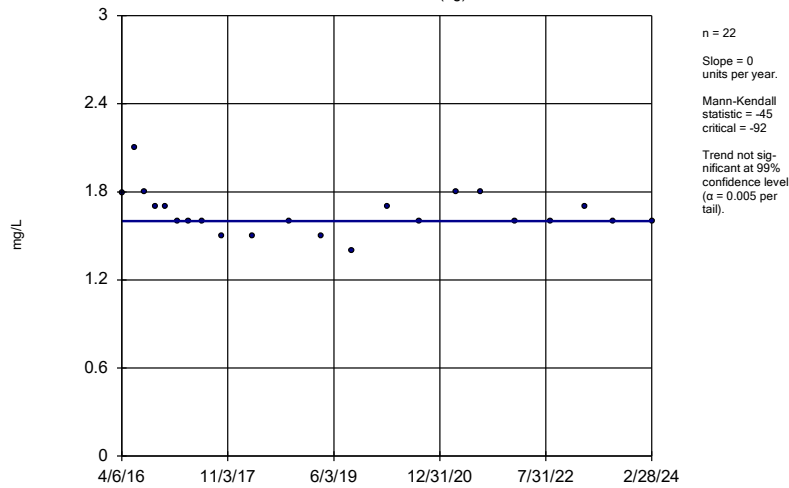
GWA-15 (bg)



Constituent: Chloride Analysis Run 3/29/2024 1:11 PM View: Trend Tests
Plant Scherer Data: Scherer Cell 1-CCR

Sen's Slope Estimator

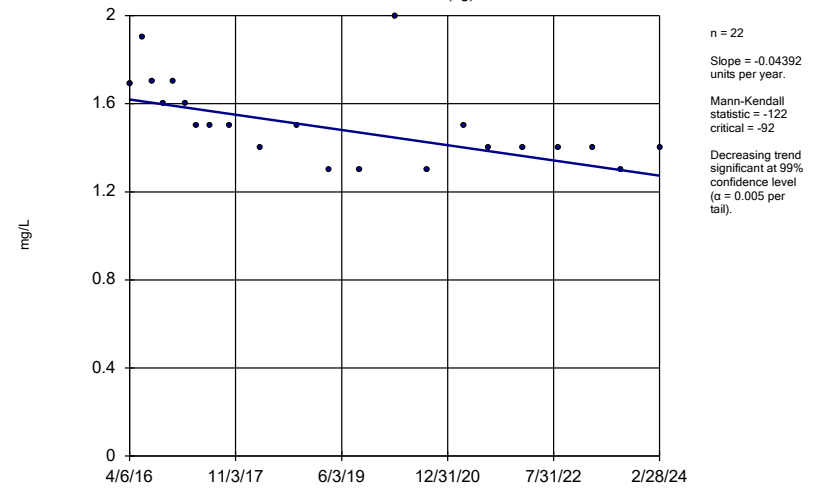
GWA-16 (bg)



Constituent: Chloride Analysis Run 3/29/2024 1:11 PM View: Trend Tests
Plant Scherer Data: Scherer Cell 1-CCR

Sen's Slope Estimator

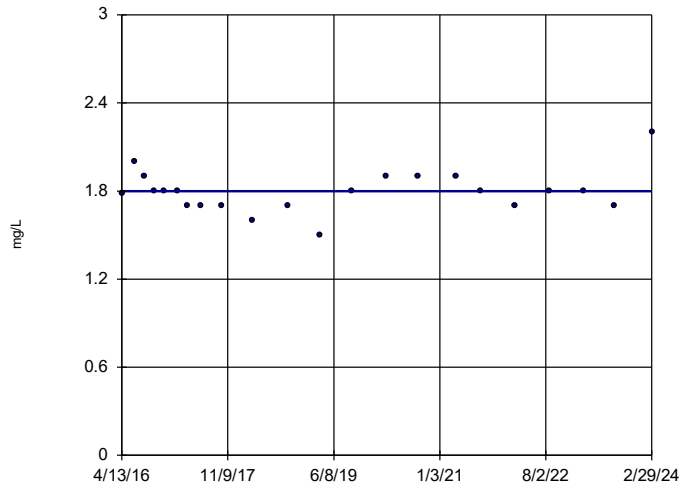
GWA-17 (bg)



Constituent: Chloride Analysis Run 3/29/2024 1:11 PM View: Trend Tests
Plant Scherer Data: Scherer Cell 1-CCR

Sen's Slope Estimator

GWC-11

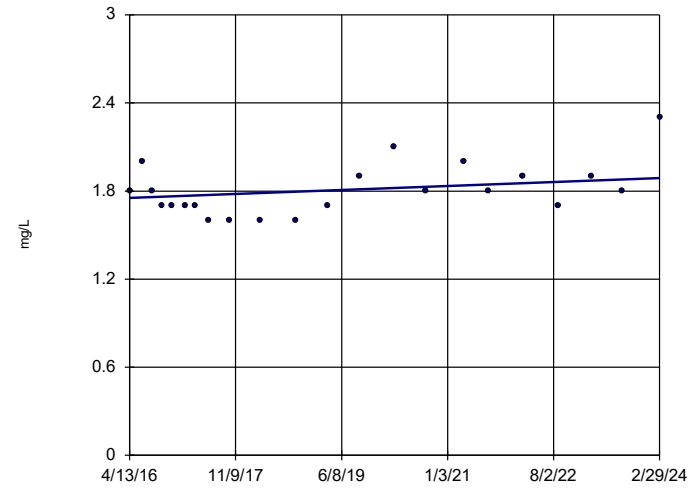


n = 22
Slope = 0
units per year.
Mann-Kendall
statistic = -1
critical = -92
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Chloride Analysis Run 3/29/2024 1:11 PM View: Trend Tests
Plant Scherer Data: Scherer Cell 1-CCR

Sen's Slope Estimator

GWC-12

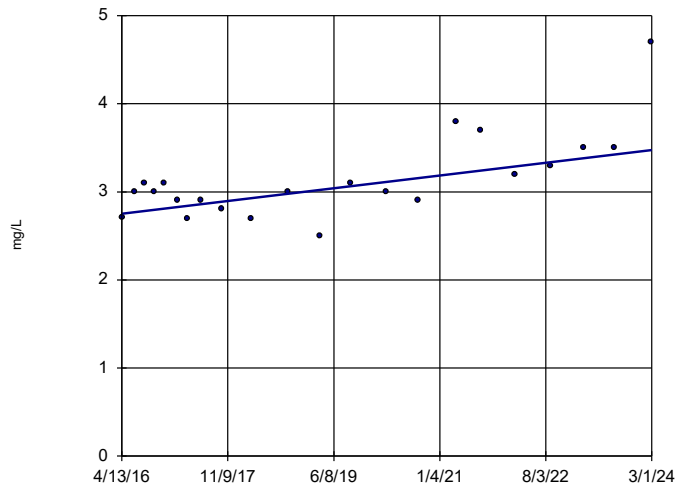


n = 22
Slope = 0.0171
units per year.
Mann-Kendall
statistic = 48
critical = 92
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Chloride Analysis Run 3/29/2024 1:11 PM View: Trend Tests
Plant Scherer Data: Scherer Cell 1-CCR

Sen's Slope Estimator

GWC-14

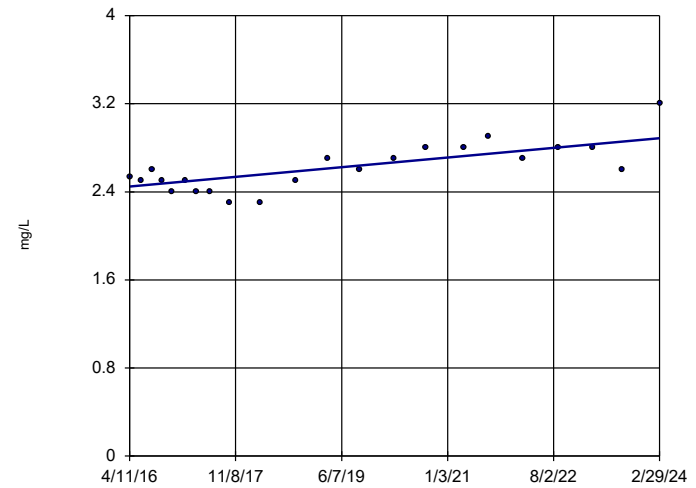


n = 22
Slope = 0.09154
units per year.
Mann-Kendall
statistic = 95
critical = 92
Increasing trend
significant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Chloride Analysis Run 3/29/2024 1:11 PM View: Trend Tests
Plant Scherer Data: Scherer Cell 1-CCR

Sen's Slope Estimator

GWC-18

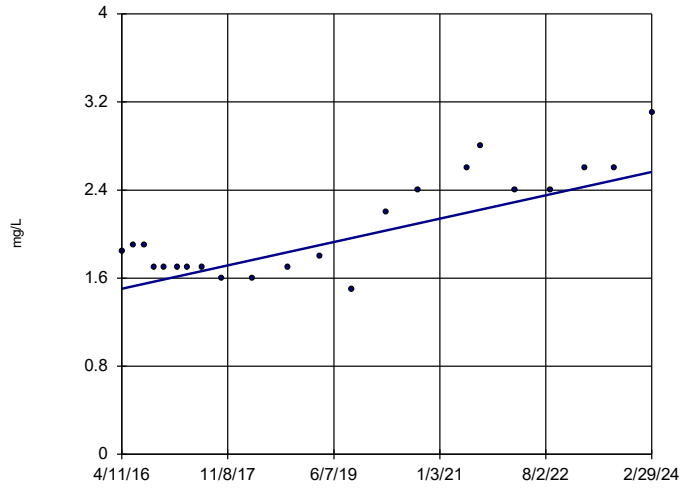


n = 22
Slope = 0.05564
units per year.
Mann-Kendall
statistic = 107
critical = 92
Increasing trend
significant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Chloride Analysis Run 3/29/2024 1:11 PM View: Trend Tests
Plant Scherer Data: Scherer Cell 1-CCR

Sen's Slope Estimator

GWC-19

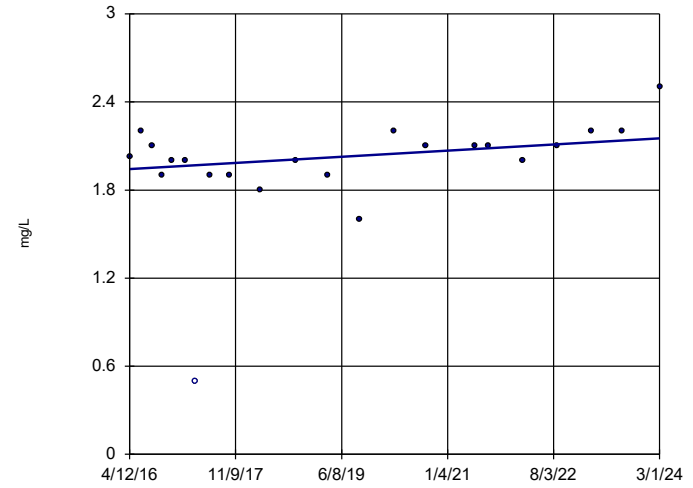


n = 22
 Slope = 0.1345
 units per year.
 Mann-Kendall
 statistic = 98
 critical = 92
 Increasing trend
 significant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Chloride Analysis Run 3/29/2024 1:11 PM View: Trend Tests
 Plant Scherer Data: Scherer Cell 1-CCR

Sen's Slope Estimator

GWC-20

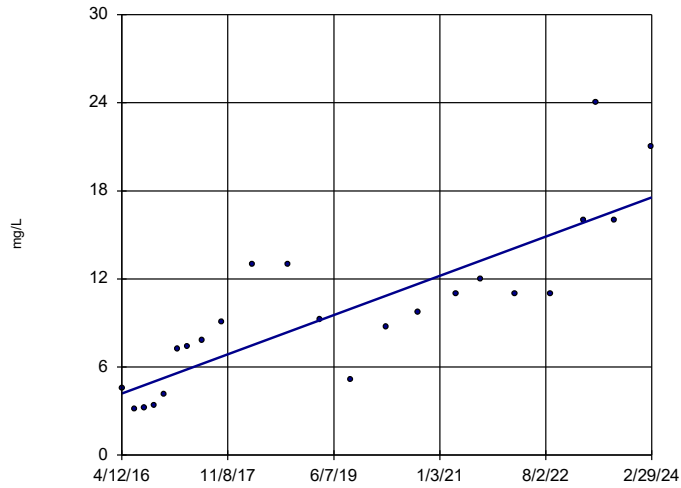


n = 22
 Slope = 0.02645
 units per year.
 Mann-Kendall
 statistic = 65
 critical = 92
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Chloride Analysis Run 3/29/2024 1:11 PM View: Trend Tests
 Plant Scherer Data: Scherer Cell 1-CCR

Sen's Slope Estimator

GWC-4

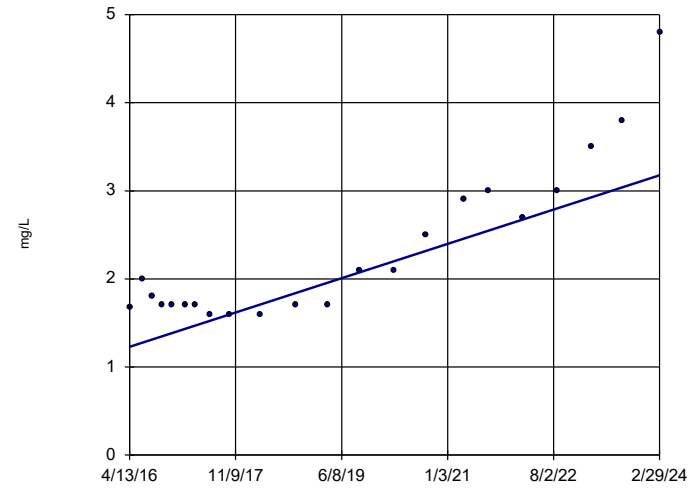


n = 23
 Slope = 1.692
 units per year.
 Mann-Kendall
 statistic = 186
 critical = 98
 Increasing trend
 significant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Chloride Analysis Run 3/29/2024 1:11 PM View: Trend Tests
 Plant Scherer Data: Scherer Cell 1-CCR

Sen's Slope Estimator

GWC-7

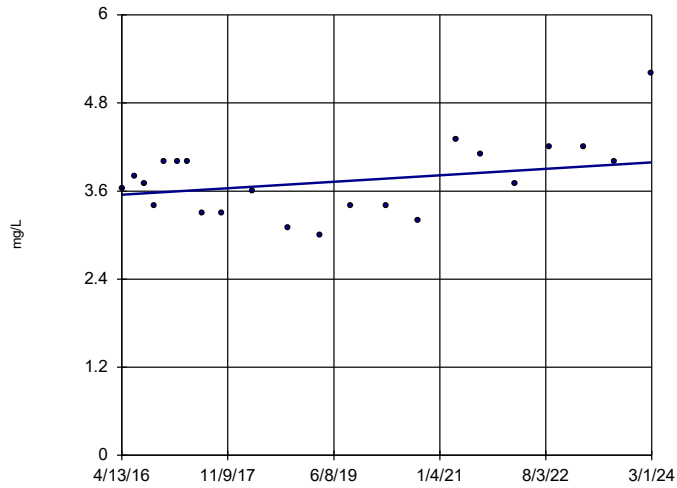


n = 22
 Slope = 0.2466
 units per year.
 Mann-Kendall
 statistic = 139
 critical = 92
 Increasing trend
 significant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Chloride Analysis Run 3/29/2024 1:11 PM View: Trend Tests
 Plant Scherer Data: Scherer Cell 1-CCR

Sen's Slope Estimator

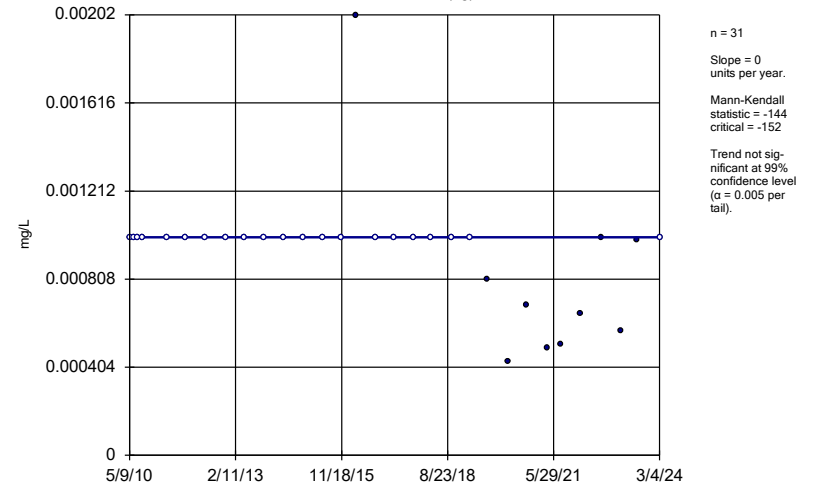
GWC-9



Constituent: Chloride Analysis Run 3/29/2024 1:11 PM View: Trend Tests
Plant Scherer Data: Scherer Cell 1-CCR

Sen's Slope Estimator

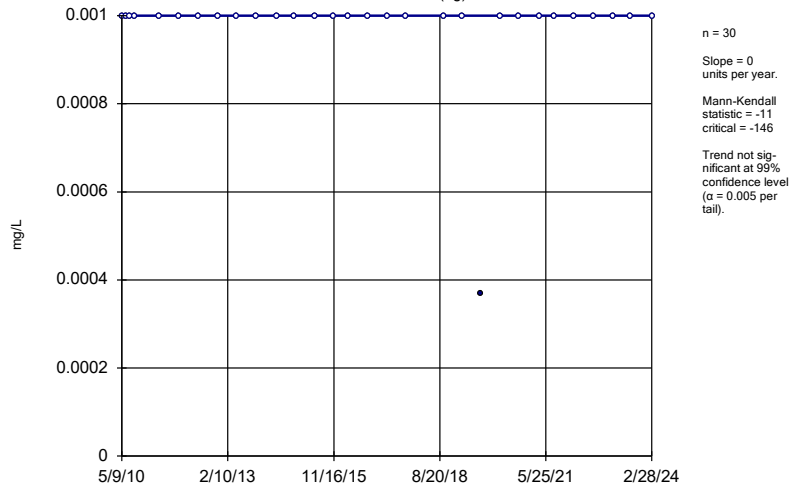
GWA-15 (bg)



Constituent: Nickel Analysis Run 3/29/2024 1:11 PM View: Trend Tests
Plant Scherer Data: Scherer Cell 1-CCR

Sen's Slope Estimator

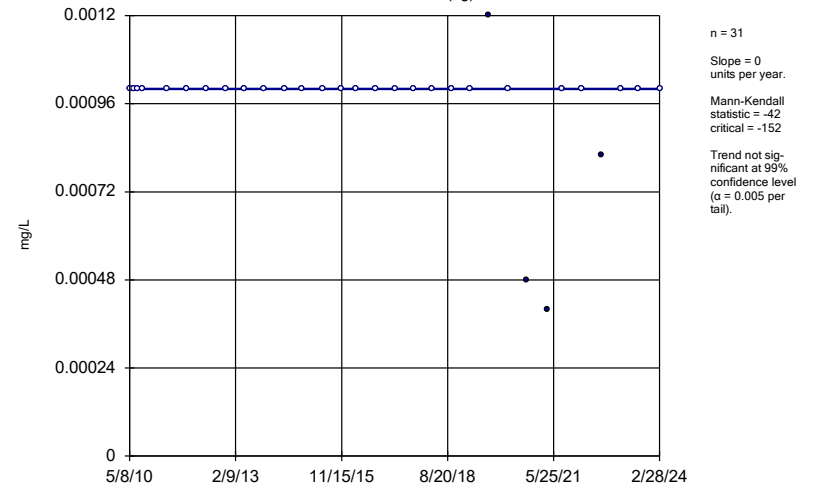
GWA-16 (bg)



Constituent: Nickel Analysis Run 3/29/2024 1:11 PM View: Trend Tests
Plant Scherer Data: Scherer Cell 1-CCR

Sen's Slope Estimator

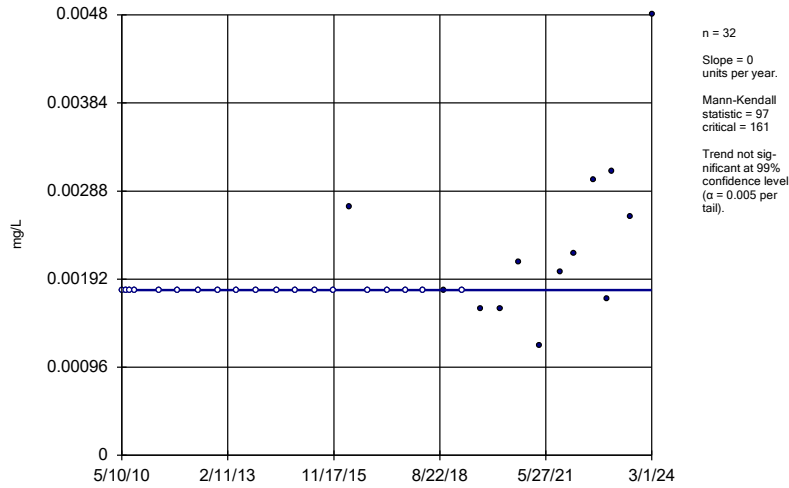
GWA-17 (bg)



Constituent: Nickel Analysis Run 3/29/2024 1:11 PM View: Trend Tests
Plant Scherer Data: Scherer Cell 1-CCR

Sen's Slope Estimator

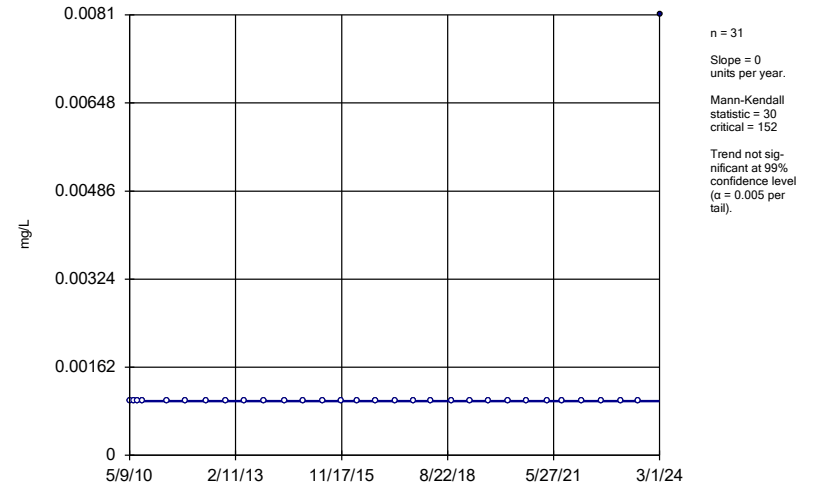
GWC-10



Constituent: Nickel Analysis Run 3/29/2024 1:11 PM View: Trend Tests
Plant Scherer Data: Scherer Cell 1-CCR

Sen's Slope Estimator

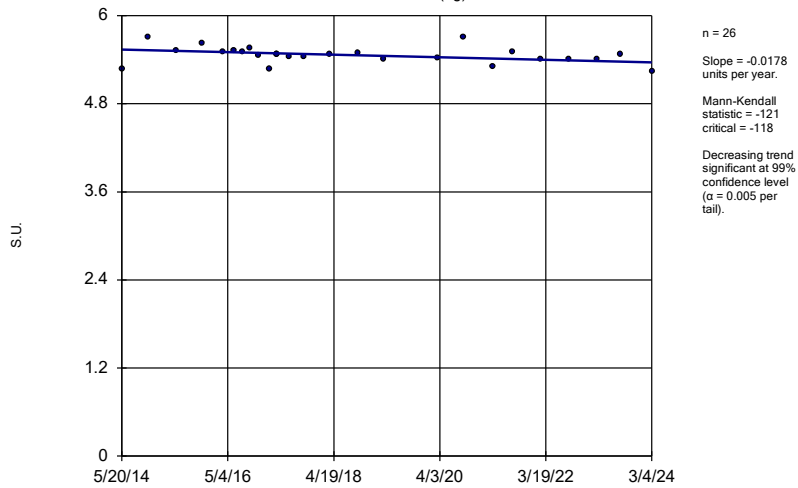
GWC-14



Constituent: Nickel Analysis Run 3/29/2024 1:11 PM View: Trend Tests
Plant Scherer Data: Scherer Cell 1-CCR

Sen's Slope Estimator

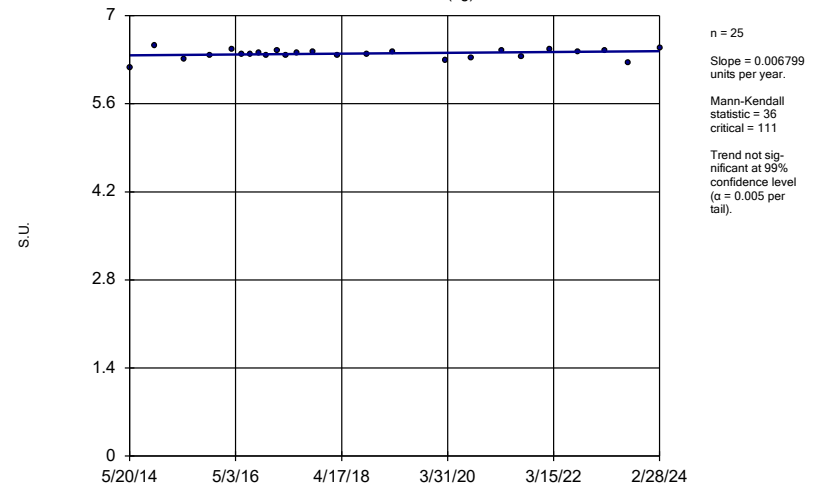
GWA-15 (bg)



Constituent: pH Analysis Run 3/29/2024 1:11 PM View: Trend Tests
Plant Scherer Data: Scherer Cell 1-CCR

Sen's Slope Estimator

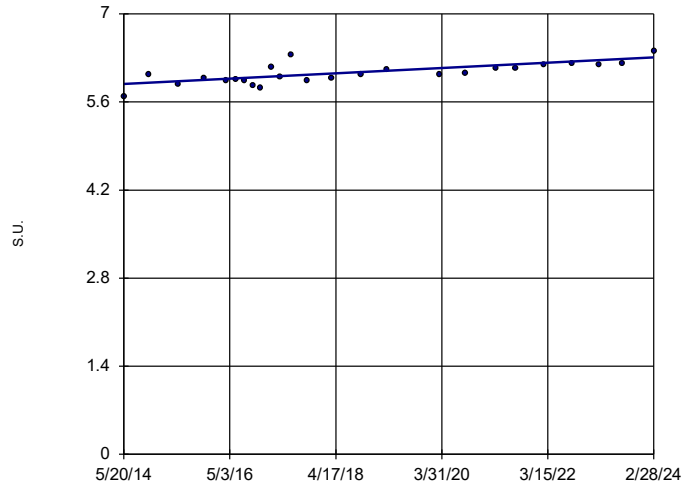
GWA-16 (bg)



Constituent: pH Analysis Run 3/29/2024 1:11 PM View: Trend Tests
Plant Scherer Data: Scherer Cell 1-CCR

Sen's Slope Estimator

GWA-17 (bg)

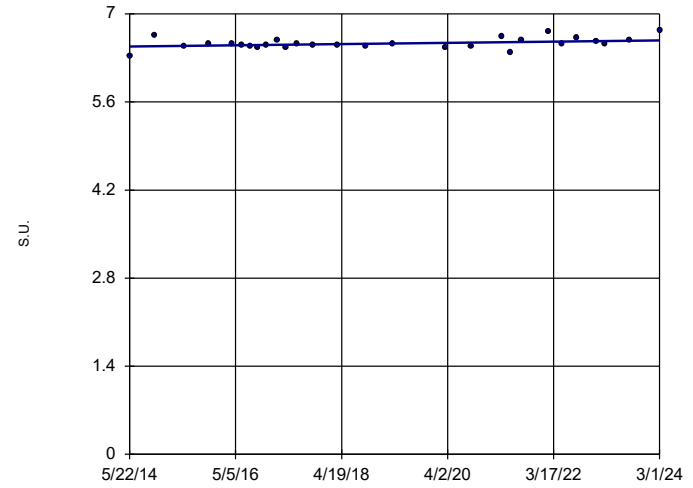


n = 25
Slope = 0.04321 units per year.
Mann-Kendall statistic = 180
critical = 111
Increasing trend significant at 99% confidence level ($\alpha = 0.005$ per tail).

Constituent: pH Analysis Run 3/29/2024 1:11 PM View: Trend Tests
Plant Scherer Data: Scherer Cell 1-CCR

Sen's Slope Estimator

GWC-20

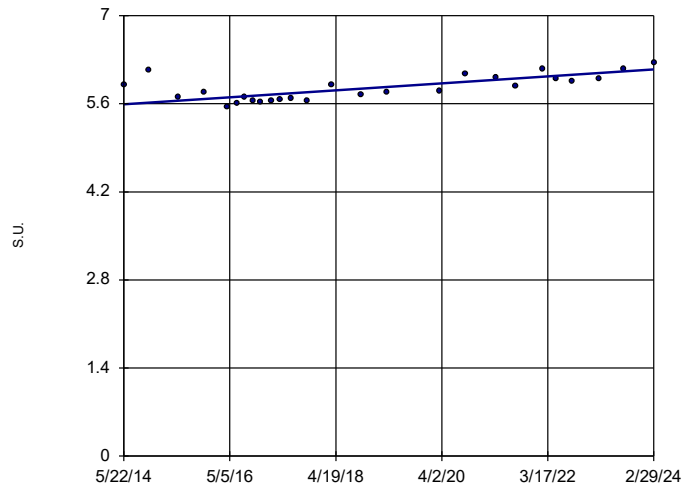


n = 28
Slope = 0.009807 units per year.
Mann-Kendall statistic = 100
critical = 131
Trend not significant at 99% confidence level ($\alpha = 0.005$ per tail).

Constituent: pH Analysis Run 3/29/2024 1:11 PM View: Trend Tests
Plant Scherer Data: Scherer Cell 1-CCR

Sen's Slope Estimator

GWC-5

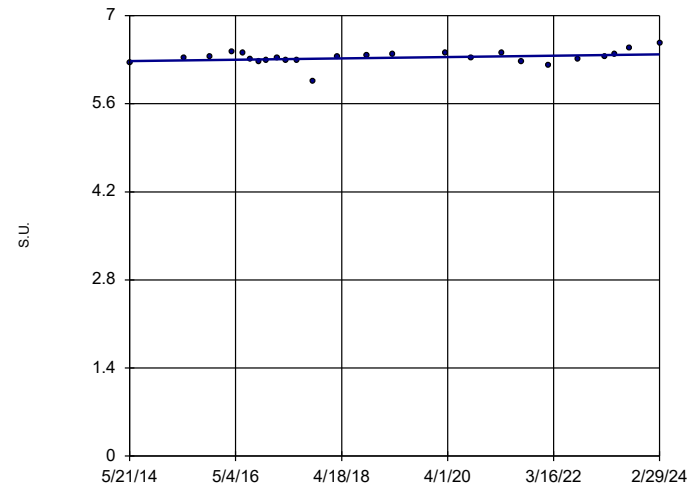


n = 26
Slope = 0.05647 units per year.
Mann-Kendall statistic = 159
critical = 118
Increasing trend significant at 99% confidence level ($\alpha = 0.005$ per tail).

Constituent: pH Analysis Run 3/29/2024 1:11 PM View: Trend Tests
Plant Scherer Data: Scherer Cell 1-CCR

Sen's Slope Estimator

GWC-7

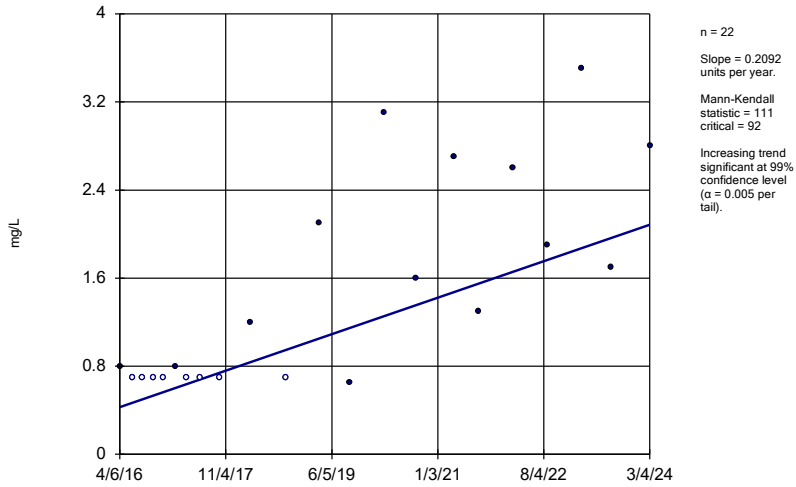


n = 25
Slope = 0.01084 units per year.
Mann-Kendall statistic = 66
critical = 111
Trend not significant at 99% confidence level ($\alpha = 0.005$ per tail).

Constituent: pH Analysis Run 3/29/2024 1:11 PM View: Trend Tests
Plant Scherer Data: Scherer Cell 1-CCR

Sen's Slope Estimator

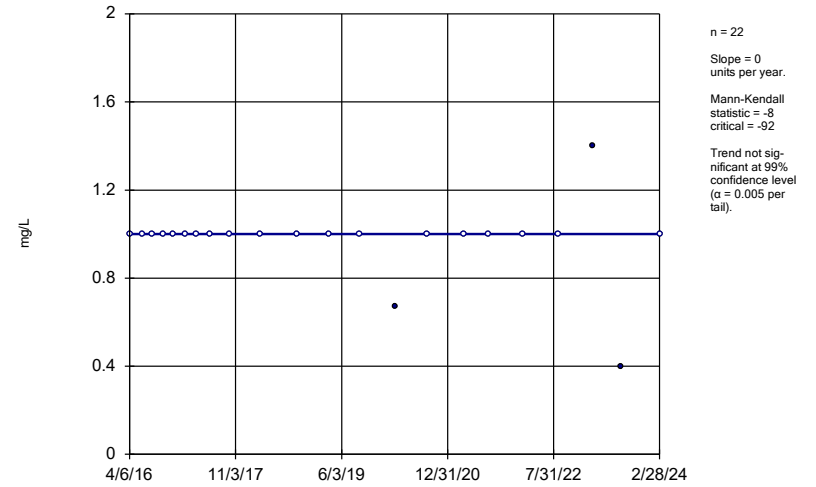
GWA-15 (bg)



Constituent: Sulfate Analysis Run 3/29/2024 1:11 PM View: Trend Tests
Plant Scherer Data: Scherer Cell 1-CCR

Sen's Slope Estimator

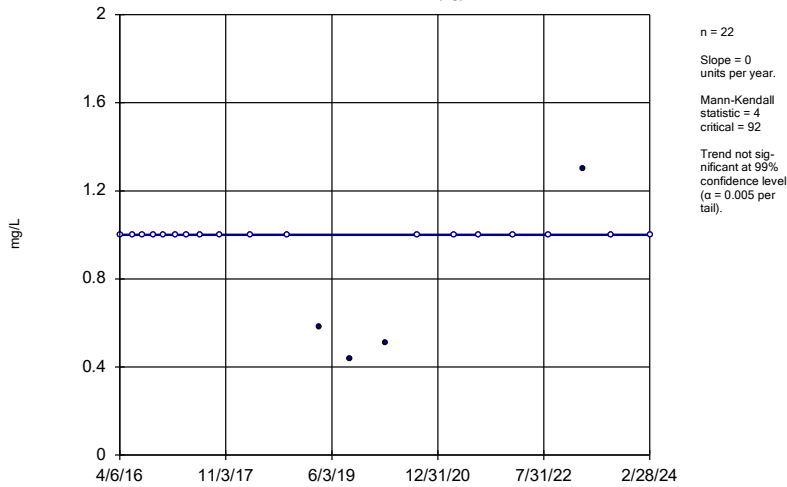
GWA-16 (bg)



Constituent: Sulfate Analysis Run 3/29/2024 1:11 PM View: Trend Tests
Plant Scherer Data: Scherer Cell 1-CCR

Sen's Slope Estimator

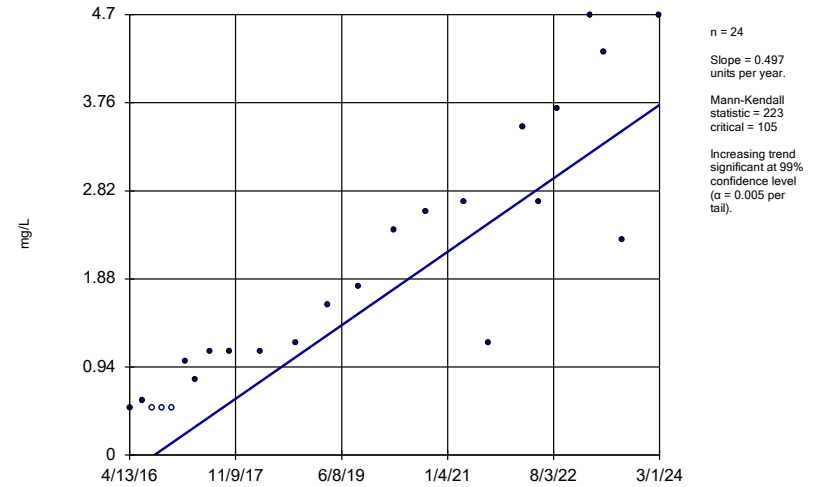
GWA-17 (bg)



Constituent: Sulfate Analysis Run 3/29/2024 1:11 PM View: Trend Tests
Plant Scherer Data: Scherer Cell 1-CCR

Sen's Slope Estimator

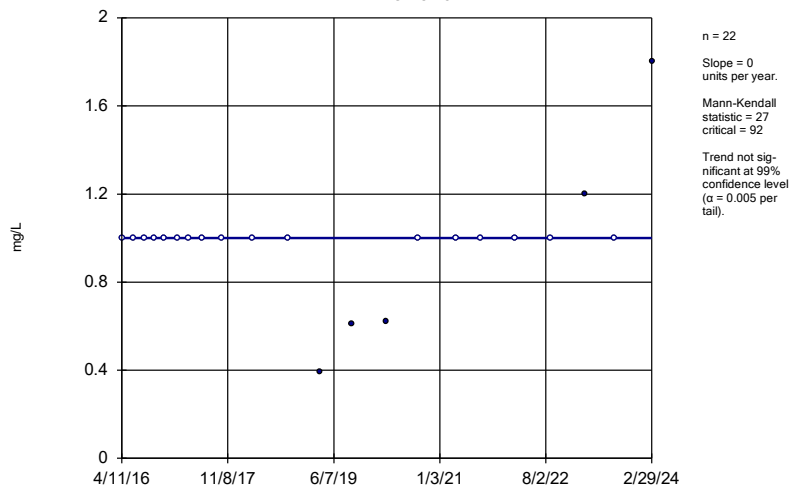
GWC-10



Constituent: Sulfate Analysis Run 3/29/2024 1:11 PM View: Trend Tests
Plant Scherer Data: Scherer Cell 1-CCR

Sen's Slope Estimator

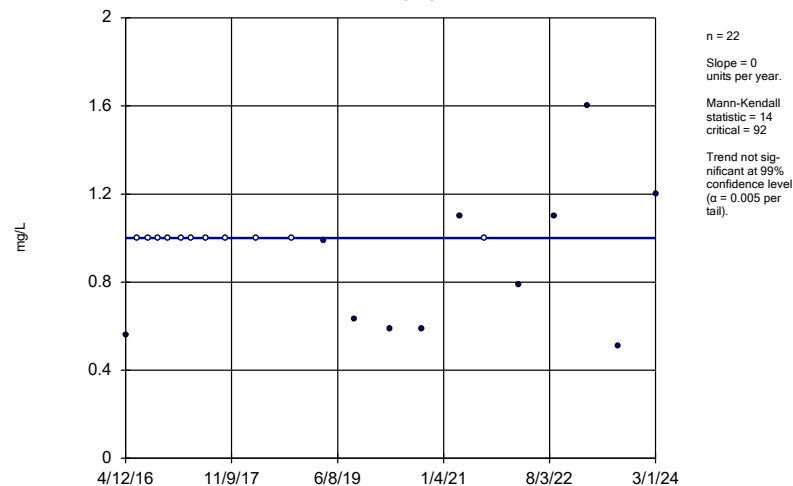
GWC-18



Constituent: Sulfate Analysis Run 3/29/2024 1:11 PM View: Trend Tests
Plant Scherer Data: Scherer Cell 1-CCR

Sen's Slope Estimator

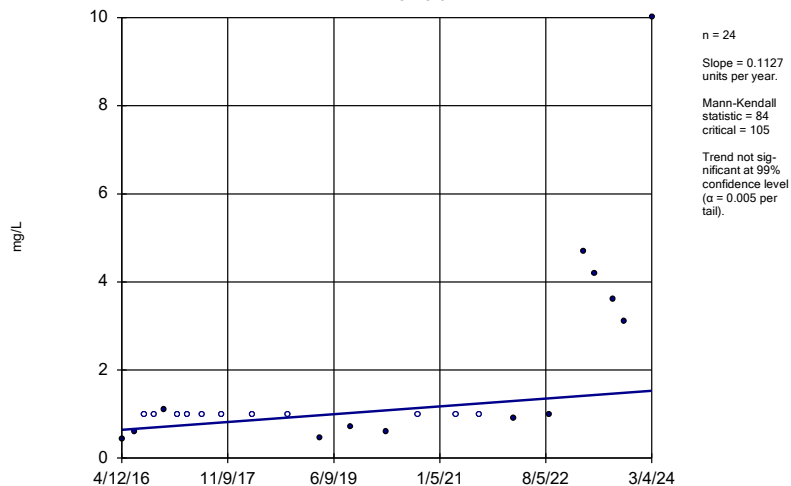
GWC-2



Constituent: Sulfate Analysis Run 3/29/2024 1:11 PM View: Trend Tests
Plant Scherer Data: Scherer Cell 1-CCR

Sen's Slope Estimator

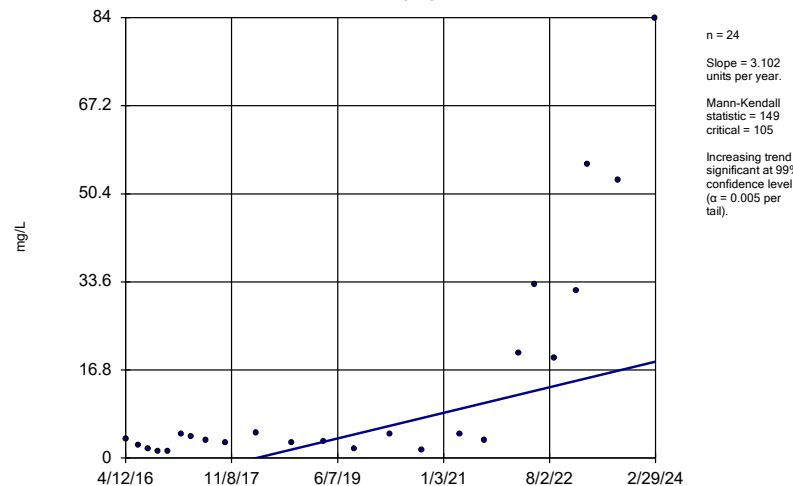
GWC-3



Constituent: Sulfate Analysis Run 3/29/2024 1:11 PM View: Trend Tests
Plant Scherer Data: Scherer Cell 1-CCR

Sen's Slope Estimator

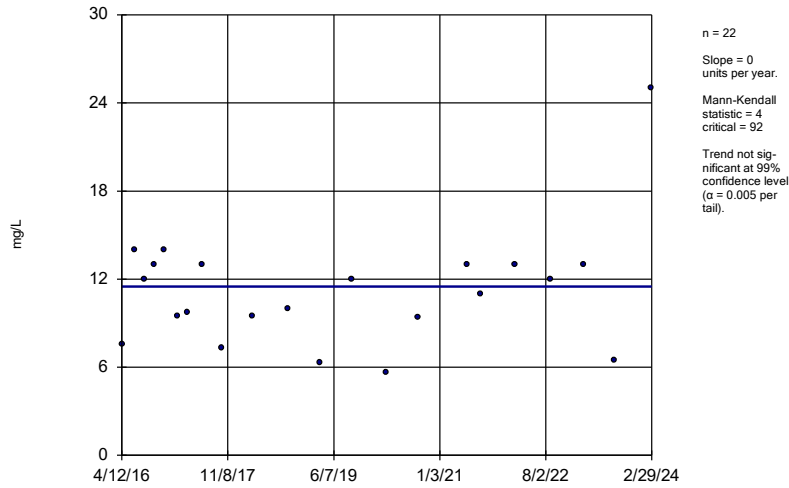
GWC-4



Constituent: Sulfate Analysis Run 3/29/2024 1:11 PM View: Trend Tests
Plant Scherer Data: Scherer Cell 1-CCR

Sen's Slope Estimator

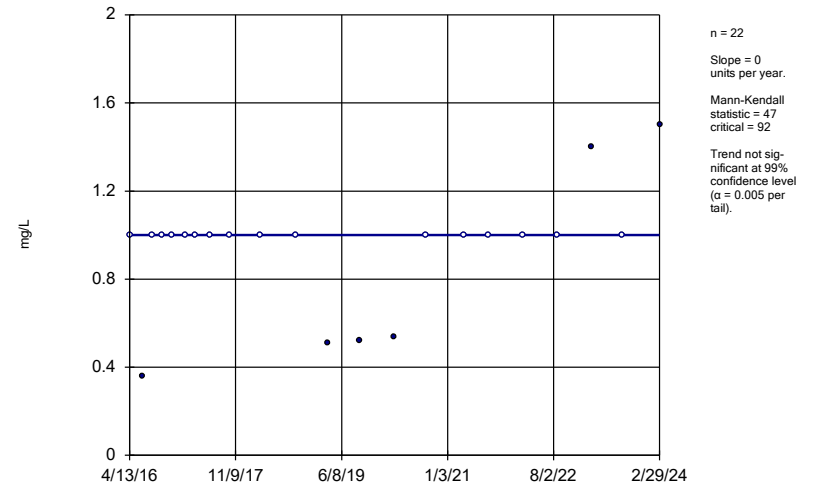
GWC-6



Constituent: Sulfate Analysis Run 3/29/2024 1:11 PM View: Trend Tests
Plant Scherer Data: Scherer Cell 1-CCR

Sen's Slope Estimator

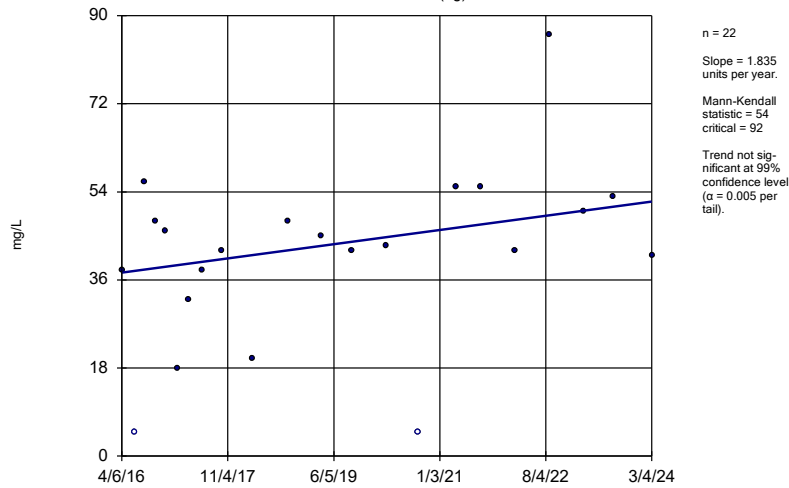
GWC-7



Constituent: Sulfate Analysis Run 3/29/2024 1:11 PM View: Trend Tests
Plant Scherer Data: Scherer Cell 1-CCR

Sen's Slope Estimator

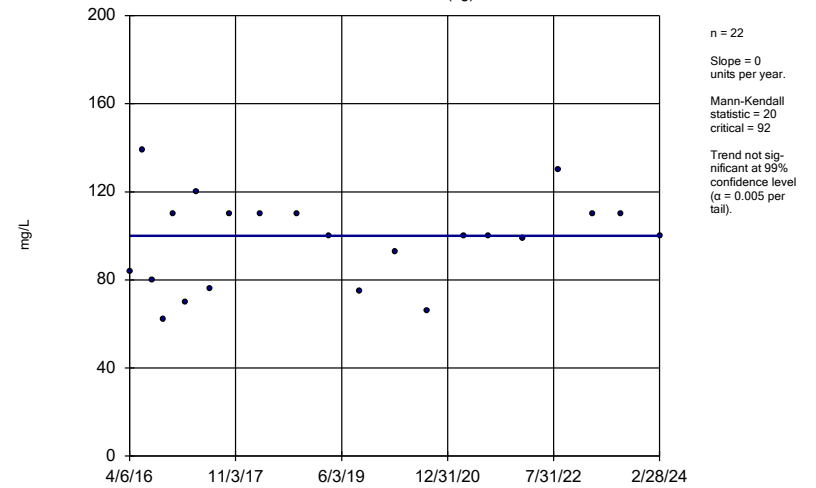
GWA-15 (bg)



Constituent: Total Dissolved Solids Analysis Run 3/29/2024 1:11 PM View: Trend Tests
Plant Scherer Data: Scherer Cell 1-CCR

Sen's Slope Estimator

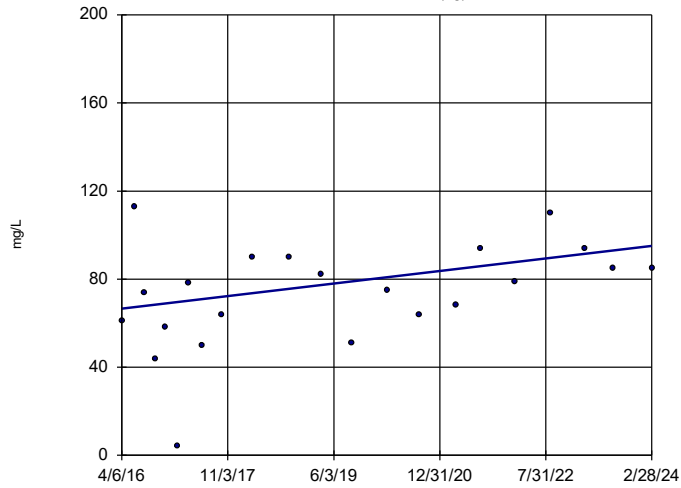
GWA-16 (bg)



Constituent: Total Dissolved Solids Analysis Run 3/29/2024 1:11 PM View: Trend Tests
Plant Scherer Data: Scherer Cell 1-CCR

Sen's Slope Estimator

GWA-17 (bg)

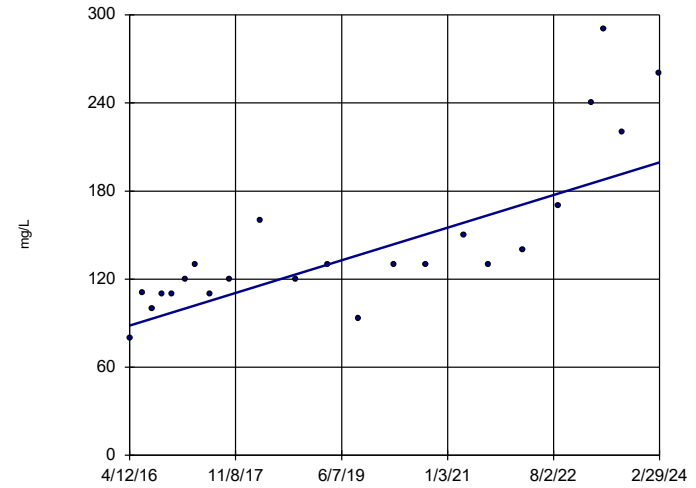


n = 22
 Slope = 3.602
 units per year.
 Mann-Kendall
 statistic = 77
 critical = 92
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Total Dissolved Solids Analysis Run 3/29/2024 1:11 PM View: Trend Tests
 Plant Scherer Data: Scherer Cell 1-CCR

Sen's Slope Estimator

GWC-4

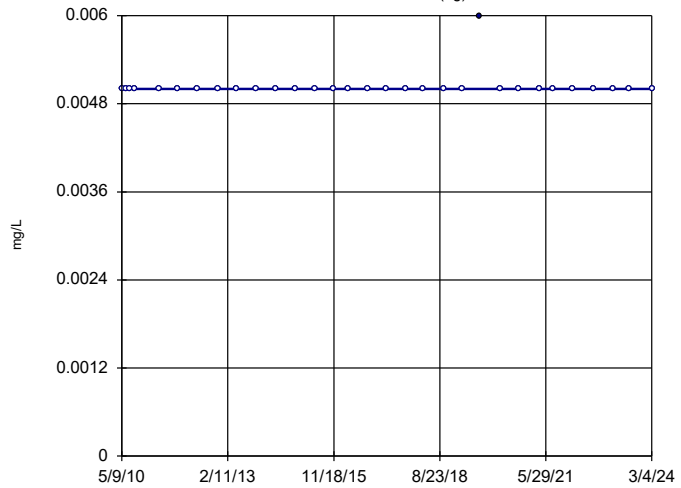


n = 23
 Slope = 14.07
 units per year.
 Mann-Kendall
 statistic = 175
 critical = 98
 Increasing trend
 significant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Total Dissolved Solids Analysis Run 3/29/2024 1:11 PM View: Trend Tests
 Plant Scherer Data: Scherer Cell 1-CCR

Sen's Slope Estimator

GWA-15 (bg)

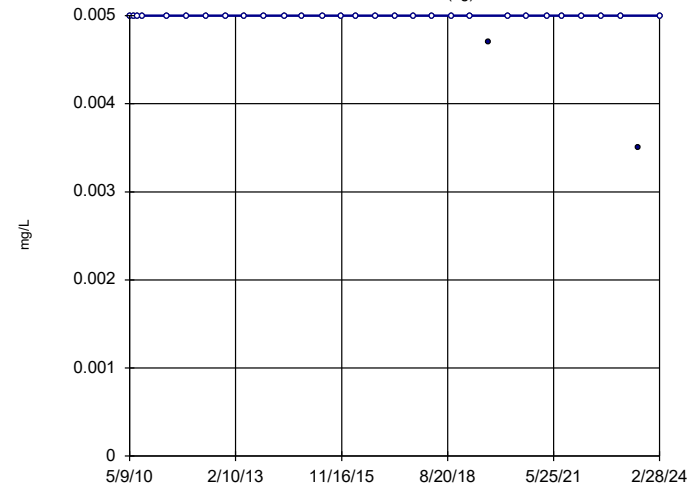


n = 31
 Slope = 0
 units per year.
 Mann-Kendall
 statistic = 12
 critical = 152
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Zinc Analysis Run 3/29/2024 1:11 PM View: Trend Tests
 Plant Scherer Data: Scherer Cell 1-CCR

Sen's Slope Estimator

GWA-16 (bg)

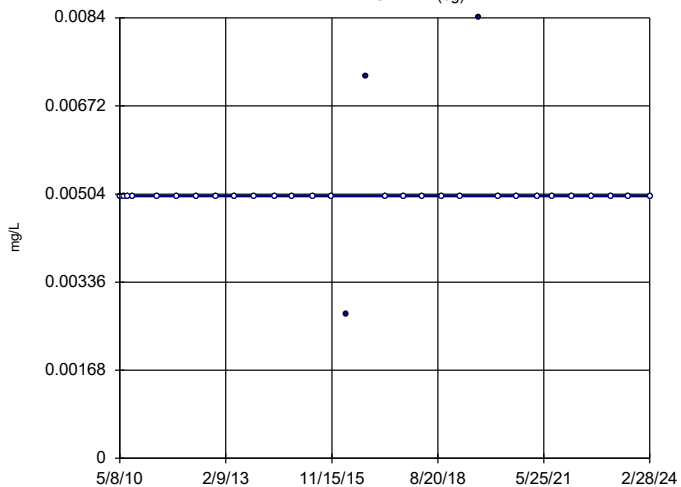


n = 31
 Slope = 0
 units per year.
 Mann-Kendall
 statistic = -41
 critical = -152
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Zinc Analysis Run 3/29/2024 1:11 PM View: Trend Tests
 Plant Scherer Data: Scherer Cell 1-CCR

Sen's Slope Estimator

GWA-17 (bg)

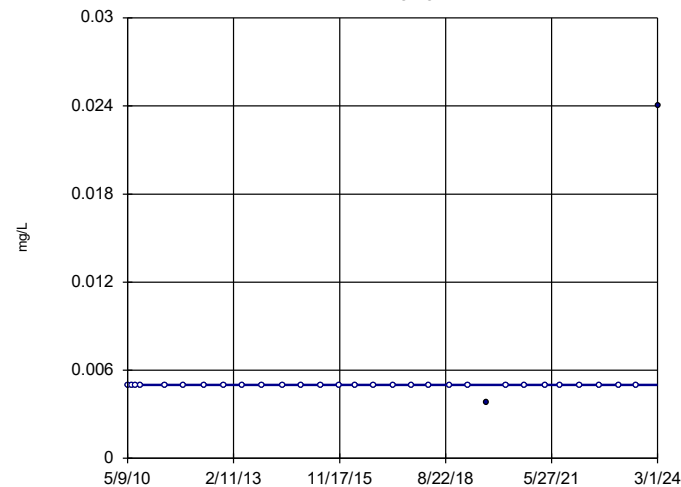


n = 31
Slope = 0
units per year.
Mann-Kendall
statistic = 13
critical = 152
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Zinc Analysis Run 3/29/2024 1:11 PM View: Trend Tests
Plant Scherer Data: Scherer Cell 1-CCR

Sen's Slope Estimator

GWC-14



n = 31
Slope = 0
units per year.
Mann-Kendall
statistic = 17
critical = 152
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Zinc Analysis Run 3/29/2024 1:11 PM View: Trend Tests
Plant Scherer Data: Scherer Cell 1-CCR

FIGURE J.

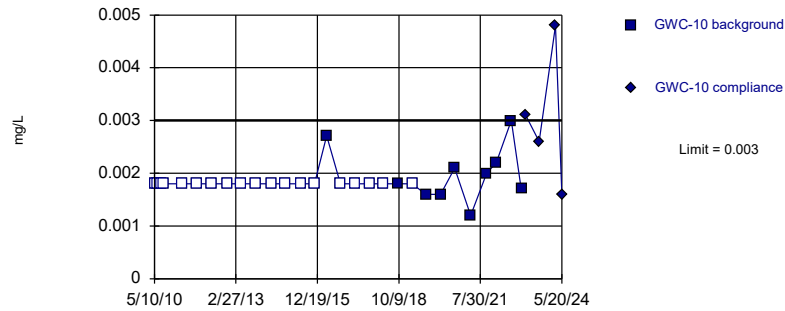
Appendix I Intrawell Prediction Limits - May 2024 Resample - All Results (No Significant)

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 6/24/2024, 1:19 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Nickel (mg/L)	GWC-10	0.003	n/a	5/20/2024	0.0016	No	29	n/a	n/a	65.52	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-14	0.001	n/a	5/7/2024	0.001ND	No	28	n/a	n/a	100	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-14	0.005	n/a	5/7/2024	0.005ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2

Within Limit

Prediction Limit Intrawell Non-parametric

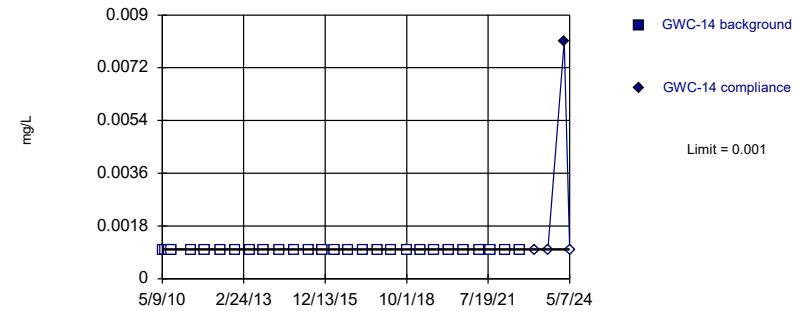


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 65.52% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Nickel Analysis Run 6/24/2024 1:16 PM View: Appendix I - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

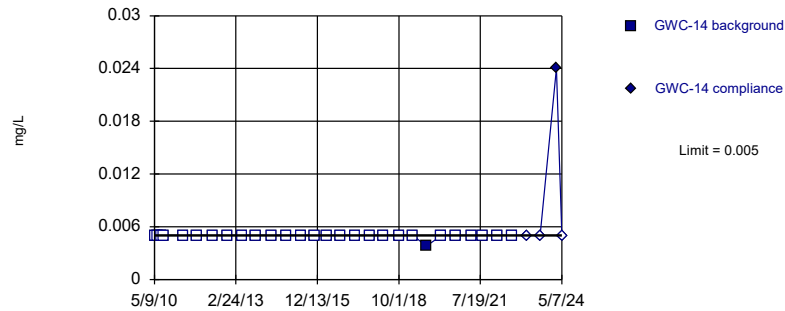


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 28) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Nickel Analysis Run 6/24/2024 1:16 PM View: Appendix I - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Zinc Analysis Run 6/24/2024 1:16 PM View: Appendix I - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/24/2024 1:19 PM View: Appendix I - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-10	GWC-10
5/10/2010	<0.0018	
6/16/2010	<0.0018	
7/28/2010	<0.0018	
9/8/2010	<0.0018	
4/29/2011	<0.0018	
10/27/2011	<0.0018	
5/4/2012	<0.0018	
11/11/2012	<0.0018	
5/9/2013	<0.0018	
11/5/2013	<0.0018	
5/21/2014	<0.0018	
11/12/2014	<0.0018	
5/23/2015	<0.0018	
11/12/2015	<0.0018	
4/13/2016	0.00271	
10/5/2016	<0.0018	
4/6/2017	<0.0018	
10/5/2017	<0.0018	
3/21/2018	<0.0018	
10/2/2018	0.0018 (J)	
3/27/2019	<0.0018	
9/11/2019	0.0016	
3/18/2020	0.0016	
9/9/2020	0.0021	
4/1/2021	0.0012	
10/18/2021	0.002	
2/15/2022	0.0022	
8/25/2022	0.003	
12/28/2022	0.0017 (R)	
2/21/2023		0.0031
8/9/2023		0.0026
3/1/2024		0.0048
5/20/2024		0.0016 (R)

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/24/2024 1:19 PM View: Appendix I - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-14	GWC-14
5/9/2010	<0.001	
6/18/2010	<0.001	
7/28/2010	<0.001	
9/9/2010	<0.001	
4/30/2011	<0.001	
10/28/2011	<0.001	
5/3/2012	<0.001	
11/10/2012	<0.001	
5/8/2013	<0.001	
11/5/2013	<0.001	
5/20/2014	<0.001	
11/12/2014	<0.001	
5/24/2015	<0.001	
11/11/2015	<0.001	
4/13/2016	<0.001 (D)	
10/4/2016	<0.001	
4/6/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/11/2021	<0.001	
2/16/2022	<0.001	
8/26/2022	<0.001	
2/27/2023		<0.001
8/9/2023		<0.001
3/1/2024		0.0081
5/7/2024		<0.001 (R)

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/24/2024 1:19 PM View: Appendix I - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-14	GWC-14
5/9/2010	<0.005	
6/18/2010	<0.005	
7/28/2010	<0.005	
9/9/2010	<0.005	
4/30/2011	<0.005	
10/28/2011	<0.005	
5/3/2012	<0.005	
11/10/2012	<0.005	
5/8/2013	<0.005	
11/5/2013	<0.005	
5/20/2014	<0.005	
11/12/2014	<0.005	
5/24/2015	<0.005	
11/11/2015	<0.005	
4/13/2016	<0.005 (D)	
10/4/2016	<0.005	
4/6/2017	<0.005	
10/5/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/11/2019	0.0038 (J)	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/16/2022	<0.005	
8/26/2022	<0.005	
2/27/2023		<0.005
8/9/2023		<0.005
3/1/2024		0.024
5/7/2024		<0.005 (R)

FIGURE K.

Appendix III Intrawell Prediction Limits - May 2024 Resample - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 6/24/2024, 1:28 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Calcium (mg/L)	GWC-7	16	n/a	5/7/2024	17	Yes	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality) 1 of 2
Chloride (mg/L)	GWC-4	16.42	n/a	5/20/2024	28	Yes	19	8.083	3.363	0	None	No	0.0004426	Param Intra 1 of 2
Sulfate (mg/L)	GWC-10	1.2	n/a	5/20/2024	3.9	Yes	11	n/a	n/a	27.27	n/a	n/a	0.01276	NP Intra (normality) 1 of 2
Sulfate (mg/L)	GWC-6	17.05	n/a	5/20/2024	18	Yes	19	10.62	2.592	0	None	No	0.0004426	Param Intra 1 of 2

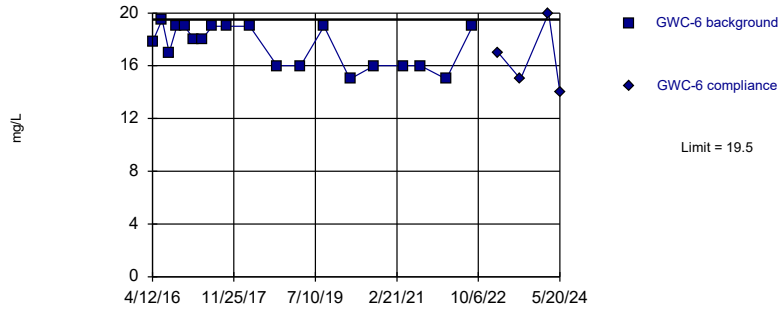
Appendix III Intrawell Prediction Limits - May 2024 Resample - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 6/24/2024, 1:28 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Calcium (mg/L)	GWC-6	19.5	n/a	5/20/2024	14	No	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality) 1 of 2
Calcium (mg/L)	GWC-7	16	n/a	5/7/2024	17	Yes	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality) 1 of 2
Chloride (mg/L)	GWC-4	16.42	n/a	5/20/2024	28	Yes	19	8.083	3.363	0	None	No	0.0004426	Param Intra 1 of 2
pH (S.U.)	GWC-10	6.617	6.06	5/20/2024	6.28	No	24	6.338	0.1176	0	None	No	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-14	5.862	5.335	5/7/2024	5.55	No	22	5.598	0.1095	0	None	No	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-20	6.713	6.333	5/7/2024	6.5	No	25	6.523	0.08092	0	None	No	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-3	6.199	5.711	5/20/2024	5.9	No	22	5.955	0.1016	0	None	No	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-4	6.554	6.011	5/20/2024	6.08	No	24	6.282	0.1147	0	None	No	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-6	6.43	6.09	5/20/2024	6.16	No	23	n/a	n/a	0	n/a	n/a	0.006831	NP Intra (normality) 1 of 2
pH (S.U.)	GWC-7	6.42	5.96	5/7/2024	6.3	No	21	n/a	n/a	0	n/a	n/a	0.007998	NP Intra (normality) 1 of 2
Sulfate (mg/L)	GWC-10	1.2	n/a	5/20/2024	3.9	Yes	11	n/a	n/a	27.27	n/a	n/a	0.01276	NP Intra (normality) 1 of 2
Sulfate (mg/L)	GWC-3	1.1	n/a	5/20/2024	0.64J	No	19	n/a	n/a	57.89	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-6	17.05	n/a	5/20/2024	18	Yes	19	10.62	2.592	0	None	No	0.0004426	Param Intra 1 of 2

Within Limit

Prediction Limit
Intrawell Non-parametric

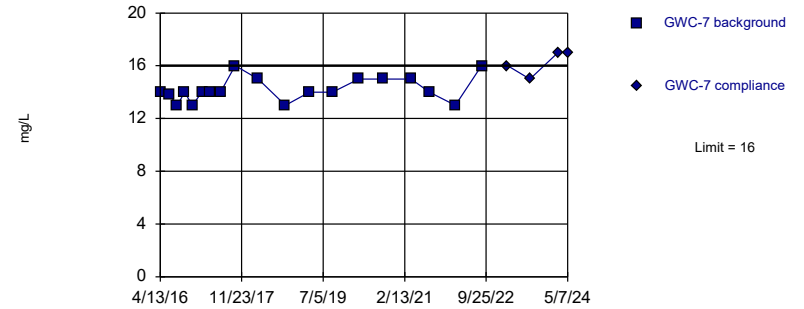


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.05 alpha level. Limit is highest of 19 background values. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Calcium Analysis Run 6/24/2024 1:26 PM View: Appendix III - Resample
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Exceeds Limit

Prediction Limit
Intrawell Non-parametric

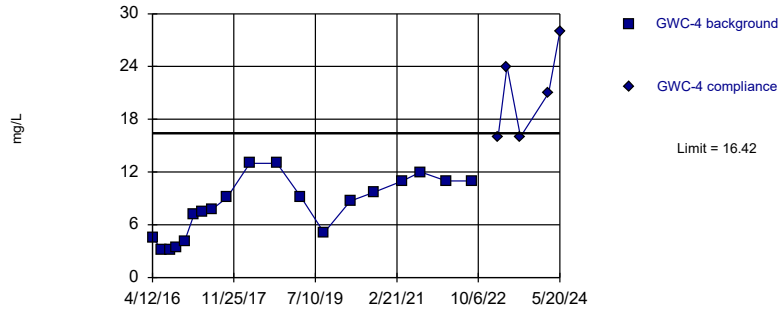


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.05 alpha level. Limit is highest of 19 background values. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Calcium Analysis Run 6/24/2024 1:26 PM View: Appendix III - Resample
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Exceeds Limit

Prediction Limit
Intrawell Parametric

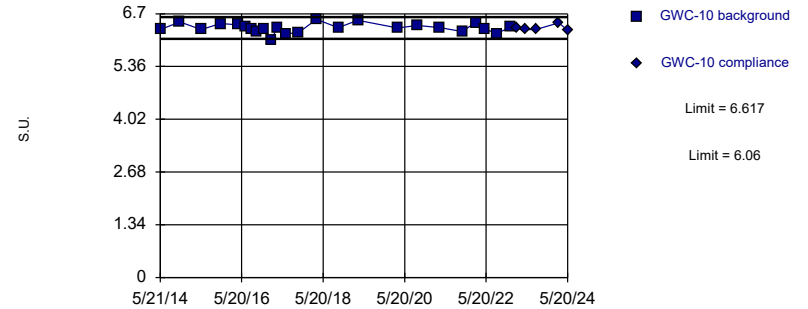


Background Data Summary: Mean=8.083, Std. Dev.=3.363, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9273, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 6/24/2024 1:26 PM View: Appendix III - Resample
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit
Intrawell Parametric

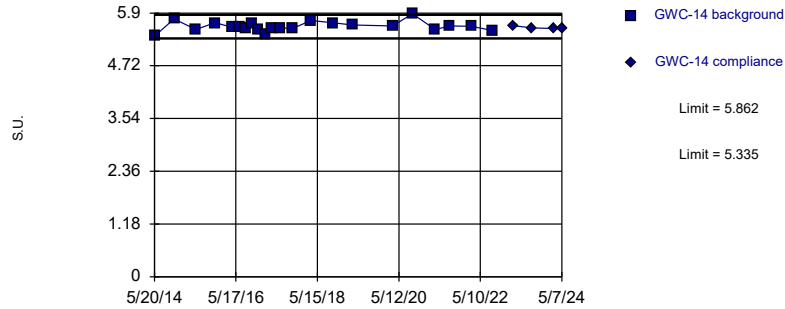


Background Data Summary: Mean=6.338, Std. Dev.=0.1176, n=24. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9715, critical = 0.884. Kappa = 2.366 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 6/24/2024 1:26 PM View: Appendix III - Resample
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit Intrawell Parametric

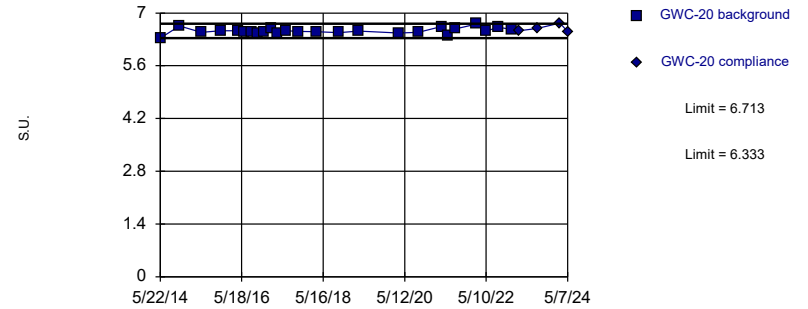


Background Data Summary: Mean=5.598, Std. Dev.=0.1095, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9571, critical = 0.878. Kappa = 2.406 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 6/24/2024 1:26 PM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit Intrawell Parametric

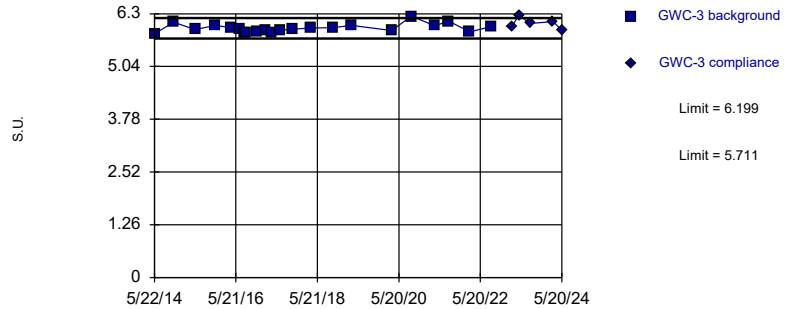


Background Data Summary: Mean=6.523, Std. Dev.=0.08092, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9506, critical = 0.888. Kappa = 2.347 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 6/24/2024 1:26 PM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit Intrawell Parametric

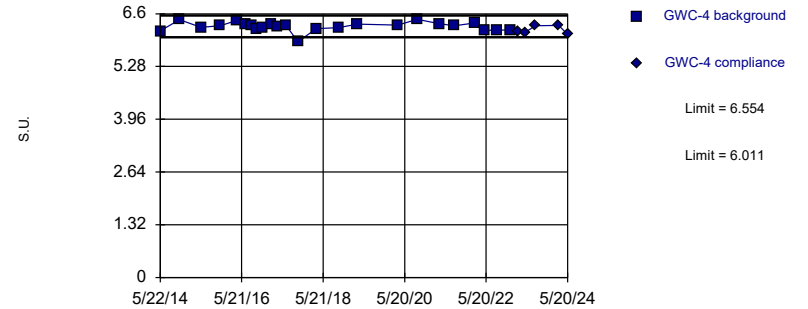


Background Data Summary: Mean=5.955, Std. Dev.=0.1016, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9136, critical = 0.878. Kappa = 2.406 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 6/24/2024 1:26 PM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit Intrawell Parametric

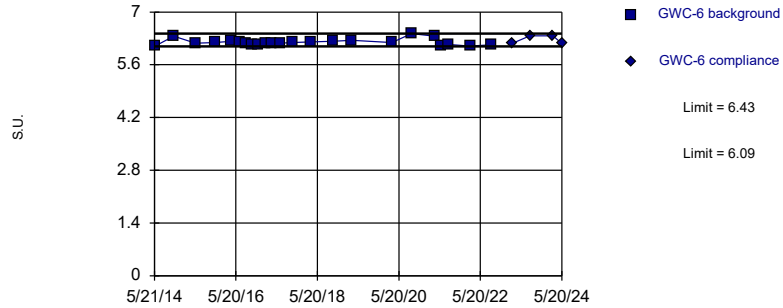


Background Data Summary: Mean=6.282, Std. Dev.=0.1147, n=24. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8874, critical = 0.884. Kappa = 2.366 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 6/24/2024 1:26 PM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit
Intrawell Non-parametric

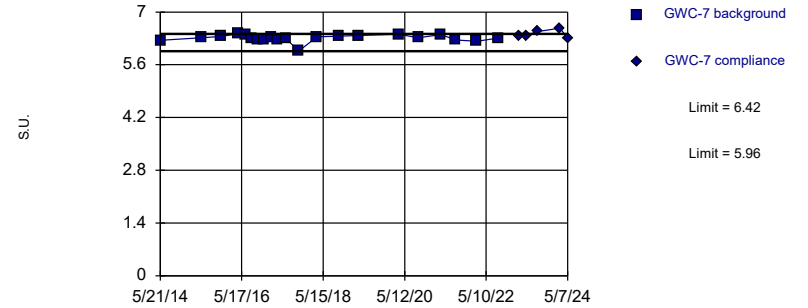


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 23 background values. Well-constituent pair annual alpha = 0.01364. Individual comparison alpha = 0.006831 (1 of 2).

Constituent: pH Analysis Run 6/24/2024 1:26 PM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit
Intrawell Non-parametric

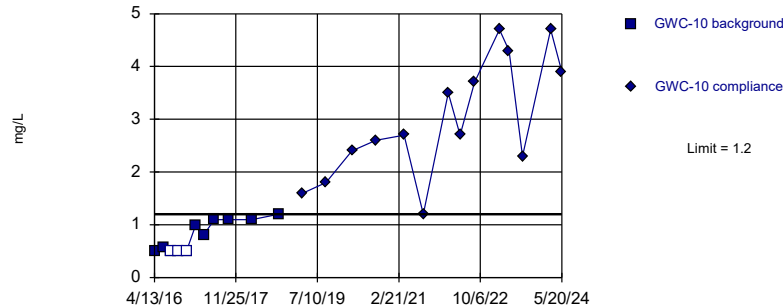


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 21 background values. Well-constituent pair annual alpha = 0.01596. Individual comparison alpha = 0.007998 (1 of 2).

Constituent: pH Analysis Run 6/24/2024 1:26 PM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Exceeds Limit

Prediction Limit
Intrawell Non-parametric

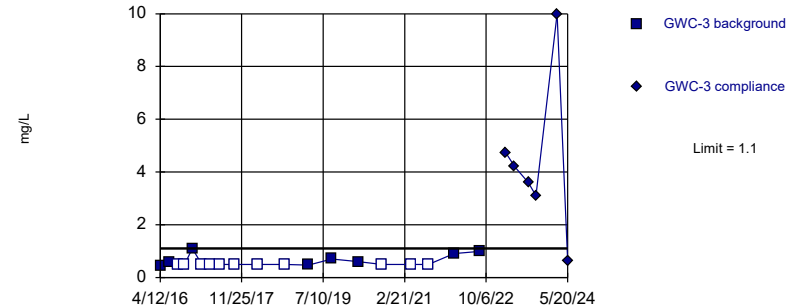


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.05 alpha level. Limit is highest of 11 background values. 27.27% NDs. Well-constituent pair annual alpha = 0.02537. Individual comparison alpha = 0.01276 (1 of 2).

Constituent: Sulfate Analysis Run 6/24/2024 1:26 PM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

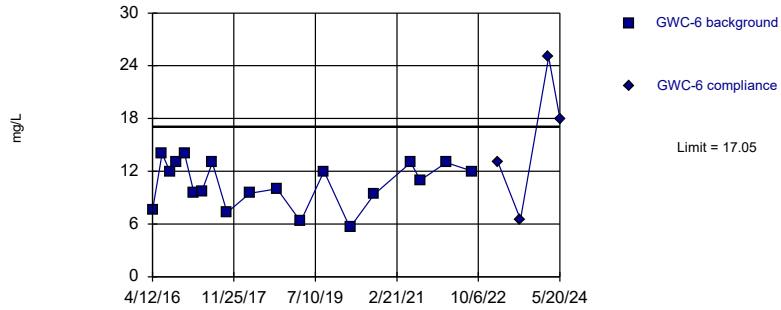


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 57.89% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Sulfate Analysis Run 6/24/2024 1:26 PM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Exceeds Limit

Prediction Limit Intrawell Parametric



Background Data Summary: Mean=10.62, Std. Dev.=2.592, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9257, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Sulfate Analysis Run 6/24/2024 1:26 PM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 6/24/2024 1:28 PM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-6	GWC-6
4/12/2016	17.8	
6/20/2016	19.5	
8/12/2016	17	
10/6/2016	19	
11/30/2016	19	
2/9/2017	18	
4/6/2017	18	
6/21/2017	19 (D)	
10/6/2017	19	
3/21/2018	19	
10/3/2018	16	
3/26/2019	16	
9/11/2019	19	
3/18/2020	15	
9/10/2020	16	
4/5/2021	16	
8/11/2021	16	
2/15/2022	15	
8/25/2022	19	
2/27/2023		17
8/8/2023		15
2/29/2024		20
5/20/2024		14 (R)

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 6/24/2024 1:28 PM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-7	GWC-7
4/13/2016	14 (D)	
6/20/2016	13.8	
8/15/2016	13	
10/6/2016	14	
12/1/2016	13	
2/9/2017	14	
4/7/2017	14	
6/22/2017	14 (D)	
10/6/2017	16	
3/22/2018	15	
10/4/2018	13	
3/27/2019	14	
9/11/2019	14	
3/19/2020	15	
9/10/2020	15	
4/1/2021	15	
8/11/2021	14	
2/15/2022	13	
8/25/2022	16	
2/27/2023		16
8/8/2023		15
2/29/2024		17
5/7/2024		17 (R)

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 6/24/2024 1:28 PM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-4	GWC-4
4/12/2016	4.57	
6/20/2016	3.1	
8/16/2016	3.2	
10/6/2016	3.4	
11/30/2016	4.1	
2/8/2017	7.2	
4/6/2017	7.4	
6/22/2017	7.8	
10/6/2017	9.1	
3/21/2018	13	
10/3/2018	13	
3/26/2019	9.2	
9/10/2019	5.1	
3/19/2020	8.7	
9/10/2020	9.7	
4/2/2021	11	
8/12/2021	12	
2/15/2022	11	
8/25/2022	11	
2/27/2023		16
5/2/2023		24
8/8/2023		16
2/29/2024		21
5/20/2024		28 (R)

Prediction Limit

Constituent: pH (S.U.) Analysis Run 6/24/2024 1:28 PM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-10	GWC-10
5/21/2014	6.3	
11/12/2014	6.49	
5/23/2015	6.3	
11/12/2015	6.45	
4/13/2016	6.42 (D)	
6/21/2016	6.36	
8/15/2016	6.3	
10/5/2016	6.25	
12/1/2016	6.32	
2/8/2017	6.04	
4/6/2017	6.35	
6/21/2017	6.2	
10/5/2017	6.21	
3/21/2018	6.56	
10/2/2018	6.35	
3/27/2019	6.53	
3/18/2020	6.34	
9/9/2020	6.4	
4/1/2021	6.35	
10/18/2021	6.25	
2/15/2022	6.48	
5/12/2022	6.31 (R)	
8/25/2022	6.2	
12/28/2022	6.36 (R)	
2/21/2023		6.33
5/2/2023		6.3
8/9/2023		6.3
3/1/2024		6.47
5/20/2024		6.28 (R)

Prediction Limit

Constituent: pH (S.U.) Analysis Run 6/24/2024 1:28 PM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-14	GWC-14
5/20/2014	5.38	
11/12/2014	5.77	
5/24/2015	5.53	
11/11/2015	5.68	
4/13/2016	5.58 (D)	
6/21/2016	5.59	
8/15/2016	5.56	
10/4/2016	5.66	
12/1/2016	5.54	
2/7/2017	5.42	
4/6/2017	5.55	
6/20/2017	5.57	
10/5/2017	5.55	
3/20/2018	5.73	
10/2/2018	5.68	
3/26/2019	5.63	
3/18/2020	5.61	
9/9/2020	5.88	
4/1/2021	5.53	
8/11/2021	5.61	
2/16/2022	5.6	
8/26/2022	5.51	
2/27/2023		5.62
8/9/2023		5.57
3/1/2024		5.55
5/7/2024		5.55 (R)

Prediction Limit

Constituent: pH (S.U.) Analysis Run 6/24/2024 1:28 PM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-20	GWC-20
5/22/2014	6.33	
11/9/2014	6.66	
5/22/2015	6.49	
11/10/2015	6.53	
4/12/2016	6.53 (D)	
6/16/2016	6.51	
8/11/2016	6.49	
10/5/2016	6.46	
11/30/2016	6.5	
2/8/2017	6.59	
4/6/2017	6.47	
6/21/2017	6.53	
10/5/2017	6.51	
3/21/2018	6.5	
10/3/2018	6.48	
3/26/2019	6.52	
3/19/2020	6.47	
9/10/2020	6.49	
4/5/2021	6.64	
6/1/2021	6.39	
8/11/2021	6.58	
2/16/2022	6.71	
5/12/2022	6.52 (R)	
8/25/2022	6.62	
12/28/2022	6.56 (R)	
2/28/2023		6.53
8/8/2023		6.59
3/1/2024		6.73
5/7/2024		6.5 (R)

Prediction Limit

Constituent: pH (S.U.) Analysis Run 6/24/2024 1:28 PM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-3	GWC-3
5/22/2014	5.82	
11/9/2014	6.1	
5/22/2015	5.92	
11/16/2015	6.02	
4/12/2016	5.97 (D)	
6/20/2016	5.93	
8/12/2016	5.86	
8/16/2016	5.86	
10/5/2016	5.1 (O)	
11/30/2016	5.88	
2/8/2017	5.89	
4/6/2017	5.84	
6/21/2017	5.91	
10/5/2017	5.93	
3/21/2018	5.96	
10/3/2018	5.97	
3/26/2019	6.02	
3/18/2020	5.9	
9/10/2020	6.24	
4/6/2021	6.01	
8/12/2021	6.12	
2/15/2022	5.87	
8/25/2022	5.99	
2/28/2023		6
5/2/2023		6.27
8/9/2023		6.07
3/4/2024		6.11
5/20/2024		5.9 (R)

Prediction Limit

Constituent: pH (S.U.) Analysis Run 6/24/2024 1:28 PM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-4	GWC-4
5/22/2014	6.17	
11/9/2014	6.45	
5/22/2015	6.26	
11/11/2015	6.3	
4/12/2016	6.44 (D)	
6/20/2016	6.33	
8/16/2016	6.3	
10/6/2016	6.21	
11/30/2016	6.26	
2/8/2017	6.35	
4/6/2017	6.29	
6/22/2017	6.31	
10/6/2017	5.9	
3/21/2018	6.23	
10/3/2018	6.25	
3/26/2019	6.34	
3/19/2020	6.32	
9/10/2020	6.46	
4/2/2021	6.35	
8/12/2021	6.3	
2/15/2022	6.37	
5/12/2022	6.19 (R)	
8/25/2022	6.19	
12/28/2022	6.2 (R)	
2/27/2023		6.17
5/2/2023		6.13
8/8/2023		6.3
2/29/2024		6.31
5/20/2024		6.08 (R)

Prediction Limit

Constituent: pH (S.U.) Analysis Run 6/24/2024 1:28 PM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-6	GWC-6
5/21/2014	6.09	
11/9/2014	6.36	
5/24/2015	6.17	
11/11/2015	6.19	
4/12/2016	6.22	
6/20/2016	6.2	
8/12/2016	6.17	
10/6/2016	6.14	
11/30/2016	6.14	
2/9/2017	6.18	
4/6/2017	6.17	
6/21/2017	6.17	
10/6/2017	6.19	
3/21/2018	6.21	
10/3/2018	6.22	
3/26/2019	6.25	
3/18/2020	6.19	
9/10/2020	6.43	
4/5/2021	6.36	
6/2/2021	6.09	
8/11/2021	6.14	
2/15/2022	6.1	
8/25/2022	6.13	
2/27/2023		6.16
8/8/2023		6.37
2/29/2024		6.37
5/20/2024		6.16 (R)

Prediction Limit

Constituent: pH (S.U.) Analysis Run 6/24/2024 1:28 PM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-7	GWC-7
5/21/2014	6.25	
5/24/2015	6.32	
11/11/2015	6.35	
4/13/2016	6.42	
6/20/2016	6.4	
8/15/2016	6.31	
10/6/2016	6.27	
12/1/2016	6.28	
2/9/2017	6.32	
4/7/2017	6.28	
6/22/2017	6.29	
10/6/2017	5.96	
3/22/2018	6.34	
10/4/2018	6.36	
3/27/2019	6.38	
3/19/2020	6.41	
9/10/2020	6.32	
4/1/2021	6.4	
8/11/2021	6.26	
2/15/2022	6.22	
8/25/2022	6.31	
2/27/2023		6.35
5/2/2023		6.38
8/8/2023		6.48
2/29/2024		6.57
5/7/2024		6.3 (R)

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 6/24/2024 1:28 PM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-10	GWC-10
4/13/2016	0.51 (JD)	
6/21/2016	0.58 (J)	
8/15/2016	<1	
10/5/2016	<1	
12/1/2016	<1	
2/8/2017	1	
4/6/2017	0.81 (J)	
6/21/2017	1.1	
10/5/2017	1.1	
3/21/2018	1.1	
10/2/2018	1.2	
3/27/2019		1.6
9/11/2019		1.8
3/18/2020		2.4
9/9/2020		2.6
4/1/2021		2.7
8/17/2021		1.2
2/15/2022		3.5
5/12/2022		2.7 (R)
8/25/2022		3.7
2/21/2023		4.7
5/2/2023		4.3
8/9/2023		2.3
3/1/2024		4.7
5/20/2024		3.9 (R)

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 6/24/2024 1:28 PM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-3	GWC-3
4/12/2016	0.419 (JD)	
6/20/2016	0.6 (J)	
8/16/2016	<1	
10/5/2016	<1	
11/30/2016	1.1	
2/8/2017	<1	
4/6/2017	<1	
6/21/2017	<1	
10/5/2017	<1	
3/21/2018	<1	
10/3/2018	<1	
3/26/2019	0.47 (J)	
9/10/2019	0.7 (J)	
3/18/2020	0.6 (J)	
9/10/2020	<1	
4/6/2021	<1	
8/12/2021	<1	
2/15/2022	0.91 (J)	
8/25/2022	0.99 (J)	
2/28/2023		4.7
5/2/2023		4.2
8/9/2023		3.6
10/4/2023		3.1 (R)
3/4/2024		10
5/20/2024		0.64 (J,R)

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 6/24/2024 1:28 PM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-6	GWC-6
4/12/2016	7.55	
6/20/2016	14	
8/16/2016	12	
10/6/2016	13	
11/30/2016	14	
2/9/2017	9.5	
4/6/2017	9.7	
6/21/2017	13	
10/6/2017	7.3	
3/21/2018	9.5	
10/3/2018	10	
3/26/2019	6.3	
9/11/2019	12	
3/18/2020	5.6	
9/10/2020	9.4	
6/2/2021	13	
8/11/2021	11	
2/15/2022	13	
8/25/2022	12	
2/27/2023		13
8/8/2023		6.5
2/29/2024		25
5/20/2024		18 (R)

FIGURE L.

Appendix III Interwell Prediction Limits - Two-Step May 2024 Resample - All/Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 6/24/2024, 1:33 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bq N	Bq Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Calcium (mg/L)	GWC-7	15	n/a	5/7/2024	17	Yes	66	n/a	n/a	0	n/a	n/a	0.0004314	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-4	7.2	n/a	5/20/2024	28	Yes	66	n/a	n/a	0	n/a	n/a	0.0004314	NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-10	3.5	n/a	5/20/2024	3.9	Yes	66	n/a	n/a	68.18	n/a	n/a	0.0004314	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-6	3.5	n/a	5/20/2024	18	Yes	66	n/a	n/a	68.18	n/a	n/a	0.0004314	NP Inter (NDs) 1 of 2

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 6/24/2024 1:33 PM View: Appendix III - Resample Interwell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-7
4/6/2016	3.62	12.1	6.58	
4/13/2016				14 (D)
6/15/2016	4.5	11.8	6.9	
6/20/2016				13.8
8/10/2016	3.8	10	5.5	
8/15/2016				13
10/4/2016	5.3	14		
10/5/2016			6.8	
10/6/2016				14
11/29/2016		10	4.8	
11/30/2016	4.7			
12/1/2016				13
2/7/2017	3.8	12	7.8	
2/9/2017				14
4/4/2017	3.8	11	6.4	
4/7/2017				14
6/20/2017	4.1	11	7	
6/22/2017				14 (D)
10/4/2017	4.6			
10/5/2017		13	6.6	
10/6/2017				16
3/20/2018	4.2 (D)	12	6.6	
3/22/2018				15
10/2/2018	4.2	11	5.8	
10/4/2018				13
3/26/2019	4	11	6.7	
3/27/2019				14
9/10/2019	4.8	12	7.5	
9/11/2019				14
3/18/2020	3.8	12	7.3	
3/19/2020				15
9/9/2020	4	11	7.3	
9/10/2020				15
4/1/2021	4	12	7.8	15
8/11/2021	4.1	11	7.3	14
2/15/2022	3.6	10	7.1	13
8/24/2022			8.9	
8/25/2022	4.9	13		16
2/27/2023				16
2/28/2023	4.1	13	8.7	
8/3/2023	4.7	13	8.3	
8/8/2023				15
2/28/2024		15	9	
2/29/2024				17
3/4/2024	3.8			
5/7/2024				17 (R)

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 6/24/2024 1:33 PM View: Appendix III - Resample Interwell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-4
4/6/2016	5.342	1.789	1.69	
4/12/2016				4.57
6/15/2016	5.2	2.1	1.9	
6/20/2016				3.1
8/10/2016	5.5	1.8	1.7	
8/16/2016				3.2
10/4/2016	5.4	1.7		
10/5/2016			1.6	
10/6/2016				3.4
11/29/2016		1.7	1.7	
11/30/2016	5.4			4.1
2/7/2017	5.1	1.6	1.6	
2/8/2017				7.2
4/4/2017	5.1	1.6	1.5	
4/6/2017				7.4
6/20/2017	5.2	1.6	1.5	
6/22/2017				7.8
10/4/2017	5.2			
10/5/2017		1.5	1.5	
10/6/2017				9.1
3/20/2018	5.6 (D)	1.5	1.4	
3/21/2018				13
10/2/2018	6.3	1.6	1.5	
10/3/2018				13
3/26/2019	5.5	1.5	1.3	9.2
9/10/2019	5.2	1.4	1.3	5.1
3/18/2020	5.4	1.7	2	
3/19/2020				8.7
9/9/2020	6.1	1.6	1.3	
9/10/2020				9.7
4/1/2021	7	1.8	1.5	
4/2/2021				11
8/11/2021	7.2	1.8	1.4	
8/12/2021				12
2/15/2022	6.5	1.6	1.4	11
8/24/2022			1.4	
8/25/2022	6.9	1.6		11
2/27/2023				16
2/28/2023	6.3	1.7	1.4	
5/2/2023				24
8/3/2023	6.3	1.6	1.3	
8/8/2023				16
2/28/2024		1.6	1.4	
2/29/2024				21
3/4/2024	5.6			
5/20/2024				28 (R)

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 6/24/2024 1:33 PM View: Appendix III - Resample Interwell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-17 (bg)	GWA-16 (bg)	GWC-6	GWC-10
4/6/2016	0.799 (J)	<1	<1		
4/12/2016				7.55	
4/13/2016					0.51 (JD)
6/15/2016	<1	<1	<1		
6/20/2016				14	
6/21/2016					0.58 (J)
8/10/2016	<1	<1	<1		
8/15/2016					<1
8/16/2016				12	
10/4/2016	<1		<1		
10/5/2016		<1			<1
10/6/2016				13	
11/29/2016		<1	<1		
11/30/2016	<1			14	
12/1/2016					<1
2/7/2017	0.8 (J)	<1	<1		
2/8/2017					1
2/9/2017				9.5	
4/4/2017	<1	<1	<1		
4/6/2017				9.7	0.81 (J)
6/20/2017	<1	<1	<1		
6/21/2017				13	1.1
10/4/2017	<1				
10/5/2017		<1	<1		1.1
10/6/2017				7.3	
3/20/2018	1.2	<1	<1		
3/21/2018				9.5	1.1
10/2/2018	<1	<1	<1		1.2
10/3/2018				10	
3/26/2019	2.1	0.58 (J)	<1	6.3	
3/27/2019					1.6
9/10/2019	0.65 (J)	0.44 (J)	<1		
9/11/2019				12	1.8
3/18/2020	3.1	0.51 (J)	0.67 (J)	5.6	2.4
9/9/2020	1.6	<1	<1		2.6
9/10/2020				9.4	
4/1/2021	2.7	<1	<1		2.7
6/2/2021				13	
8/11/2021	1.3	<1	<1	11	
8/17/2021					1.2
2/15/2022	2.6	<1	<1	13	3.5
5/12/2022					2.7 (R)
8/24/2022		<1			
8/25/2022	1.9		<1	12	3.7
2/21/2023					4.7
2/27/2023				13	
2/28/2023	3.5	1.3	1.4		
5/2/2023					4.3
8/3/2023	1.7	<1	0.4 (J)		
8/8/2023				6.5	
8/9/2023					2.3
2/28/2024		<1	<1		

Prediction Limit

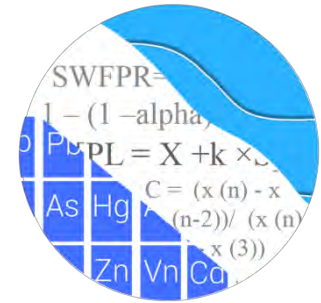
Constituent: Sulfate (mg/L) Analysis Run 6/24/2024 1:33 PM View: Appendix III - Resample Interwell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-17 (bg)	GWA-16 (bg)	GWC-6	GWC-10
2/29/2024				25	
3/1/2024					4.7
3/4/2024	2.8				
5/20/2024				18 (R)	3.9 (R)

GROUNDWATER STATS CONSULTING

August 30, 2024

Southern Company Services
Attn: Mr. Joju Abraham
241 Ralph McGill Blvd NE, Bin 10160
Atlanta, Georgia 30308-3374



Re: Plant Scherer PAC Landfill
Statistical Analysis – February/March 2024

Dear Mr. Abraham,

Groundwater Stats Consulting, formerly the statistical consulting division of Sanitas Technologies, is pleased to provide the groundwater statistical analysis for the 2024 1st Semi-Annual Groundwater Monitoring Statistical Analysis sample event for Georgia Power Company's Plant Scherer PAC Landfill. The analysis complies with the Georgia Environmental Protection Division (EPD) Rules for Solid Waste Management Chapter 391-3-4-.10 and follows the United States Environmental Protection Agency (USEPA) Unified Guidance (2009).

Sampling began for the Coal Combustion Residuals (CCR) program in 2016. Semi-annual sampling for 16 parameters began in 2010 in accordance with the Georgia Department of Natural Resources, Environmental Protection Division (Georgia EPD) groundwater monitoring regulations. At least 8 background samples have been collected at each of the groundwater monitoring wells.

The monitoring well network, as provided by Southern Company Services, consists of the following:

- **Upgradient wells:** GWA-21, GWA-22, GWA-45, GWA-46, GWA-47, GWA-48, and GWA-49
- **Downgradient wells:** GWC-29, GWC-50, GWC-51, GWC-52, and GWC-53

Data were sent electronically to Groundwater Stats Consulting, and the statistical analysis was reviewed by Kristina Rayner, Founder and Senior Statistician to Groundwater Stats Consulting. The analysis is prepared according to the recommended statistical methodology prepared in the Fall 2017 by Dr. Kirk Cameron, PhD Statistician with MacStat Consulting, primary author of the USEPA Unified Guidance.

Resamples were collected in November 2022 for TDS at wells GWA-45, GWA-46, GWA-47, GWA-48, GWA-49, GWC-29, GWC-50, GWC-51, GWC-52, and GWC-53 due to the August 2022 samples and October 2022 resamples being out of holding times. Per request of WSP, the samples that exceeded hold times for TDS are not included in the Sanitas database. Resamples were also collected for pH at these wells in October and November 2022 and all pH samples were retained in the database.

The following constituents were evaluated:

- **CCR Appendix III** - boron, calcium, chloride, fluoride, pH, sulfate, and TDS
- **Georgia EPD Appendix I** - antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, nickel, selenium, silver, thallium, vanadium, and zinc

Due to varying detection limits in data sets, generally due to improved laboratory practices, a substitution of the most recent reporting limit is used for all non-detects. Note that for calculation of intrawell prediction limits, substitution of the most recent reporting limit is performed separately for each well/parameter pair. In some cases, the reporting limit provided by the laboratory contained varying limits for a given parameter; therefore, the substitution may differ from well to well. This generally gives the most conservative limit in each case. In the case of zinc, the reporting limit during the March 2023 sample event increased to 0.015 mg/L from the previous reporting limit of 0.005 mg/L. In order to maintain conservative limits, the current reporting limit of 0.005 mg/L was substituted for all wells. In the case of fluoride, varying reporting limits resulted from different laboratories for the February/March 2024 event; therefore, a reporting limit of 0.1 mg/L was substituted across all wells to maintain statistical limits that are conservative from a regulatory perspective.

Time series plots for CCR Appendix III and Georgia EPD Appendix I parameters at all wells are provided for the purpose of screening data at these wells (Figure A). Additionally, a separate section of box plots is included for all constituents at upgradient and downgradient wells (Figure B). The time series plots are used to initially screen for suspected outliers and trends, while the box plots provide visual representation of variation within individual wells and between all wells. Values in background which have

been flagged as outliers may be seen in a lighter font and as a disconnected symbol on the graphs.

In earlier analyses, data at all wells for constituents detected in downgradient wells were evaluated for the following: 1) outliers; 2) trends; 3) most appropriate statistical method based on site characteristics of groundwater data upgradient of the facility; and 4) eligibility of downgradient wells when intrawell statistical methods are recommended. Power curves were provided during the background update discussed below to demonstrate that the selected statistical methods for the parameters listed above comply with the USEPA Unified Guidance and the Georgia Environmental Protection Division Rules for Solid Waste Management Chapter 391-3-4-.10. The EPA suggests that the selected statistical method should provide at least 55% power at 3 standard deviations or at least 80% power at 4 standard deviations. Power curves were based on the following:

Georgia EPD Appendix I Constituents:

- Semi-Annual Sampling
- Intrawell Prediction Limits with 1-of-2 resample plan (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, nickel, selenium, thallium, vanadium, and zinc)
- # Constituents: 15 (silver was 100% non-detects in all downgradient wells)
- # Downgradient wells: 5

CCR Appendix III Constituents:

- Semi-Annual Sampling
- Intrawell Prediction Limits with 1-of-2 resample plan (boron, calcium, chloride, fluoride, pH, sulfate, and TDS)
- # Constituents: 7
- # Downgradient wells: 5

Statistical analyses are not required when 100% non-detects are present in downgradient wells for a given constituent; therefore, no prediction limits were required for silver. A summary of all Appendix I well/constituent pairs with 100% non-detects follows this letter.

Parametric prediction limits are utilized when the screened historical data follow a normal or transformed-normal distribution. When data cannot be normalized or the majority of data are non-detects, a nonparametric test is utilized. While the false positive rate associated with the parametric limits is based on an annual 10% (5% for each semi-annual sample event) as recommended by the EPA Unified Guidance (2009), the false positive

rate associated with the nonparametric limits is dependent upon the available background sample size, number of future comparisons, and verification resample plan. The distribution of data is tested using the Shapiro-Wilk/Shapiro-Francia test for normality. After testing for normality and performing any adjustments as discussed below (US EPA, 2009), data are analyzed using either parametric or non-parametric prediction limits. Non-detects are handled as follows:

- No statistical analyses are required on wells and analytes containing 100% non-detects (USEPA Unified Guidance, 2009, Chapter 6).
- When data contain <15% non-detects, simple substitution of one-half the reporting limit is utilized in the statistical analysis. The reporting limit utilized for non-detects is the most recent practical quantification limit (PQL) as reported by the laboratory.
- When data contain between 15-50% non-detects, the Kaplan-Meier non-detect adjustment is applied to the background data for parametric limits. This technique adjusts the mean and standard deviation of the historical concentrations to account for concentrations below the reporting limit.
- Nonparametric prediction limits are used on data containing greater than 50% non-detects.

Natural systems continuously evolve due to physical changes made to the environment. Examples include capping a landfill, paving areas near a well, or lining a drainage channel to prevent erosion. Periodic updating of background statistical limits is necessary to accommodate these types of changes. In the intrawell case, data for all wells and constituents may be re-evaluated when a minimum of 4 new data points are available to determine whether earlier concentrations are representative of present-day groundwater quality. In some cases, an earlier portion of data is deselected prior to construction of limits to provide sensitive limits that will rapidly detect changes in groundwater quality. Even though the data are excluded from the calculation, the values will continue to be reported and shown in tables and graphs.

Two-Step Statistical Analysis

Intrawell statistical methods, combined with a 1-of-2 resample plan, may be used as a conservative first step for identifying potential facility impacts in downgradient wells. Intrawell methods use background data for individual wells and may be overly sensitive to spatial variation. In particular for nonparametric limits with small background sample sizes, the probability of a false positive is much higher than the desired annual sitewide rate of 10%. Therefore, a large number of exceedances may occur as a result of spatial variation rather than facility impacts.

A second step can be used to further evaluate those exceedances and reduce the overall number of statistically significant increases (SSIs) that result from spatial variation. In instances where intrawell statistical methods identify an apparent SSI, a second step of interwell statistical evaluation may be used to determine whether the measurement exceeds the sitewide background limit based on pooled upgradient well data. This is similar in concept to the procedure used in compliance monitoring programs where an interwell statistical limit is used to determine "background" (USEPA Unified Guidance (2009), Chapter 7, Section 7.5). For the detection monitoring program, if the result does not exceed sitewide (interwell) background, an SSI is not declared.

When the result exceeds the sitewide (interwell) background, the 1-of-2 resample plan allows for collection of an independent resample to confirm or disconfirm the initial finding. A statistically significant increase is not declared unless the resample also exceeds the intrawell prediction limit (United State Environmental Protection Agency (USEPA) Unified Guidance, March 2009, Chapter 19). When the resamples confirm the initial exceedance, further research would be required to identify the cause of the exceedance (i.e., impact from the site, natural variation, or an off-site source). When any resample falls within the statistical limit, the initial exceedance is considered to be a false positive result, and no further action is necessary. In cases where intrawell and interwell exceedances are noted and no resamples are collected, the initial exceedance will be considered a confirmed statistically significant increase.

Trend tests, in addition to interwell prediction limits, are recommended for well/constituent pairs found to have an initial intrawell SSI. Trend analysis will provide for detection of long-term changes and potential facility impacts at a given well in cases where the concentrations at that well remain below the sitewide upgradient limits. Thus, the two-step approach has additional capability to detect long-term changes at downgradient wells compared to interwell methods alone. While a trend may be identified by visual inspection, a quantification of the trend and its significance is needed to identify whether concentrations are statistically significantly increasing, decreasing, or remaining stable over time. The absence of a statistically significant increasing trend indicates that an initial intrawell exceedance is short-term and may be the result of spatial variation rather than facility impact to groundwater. If a facility impact has occurred, it will likely result in additional exceedances in future sampling events. When a statistically significant increasing trend is noted, additional data may be needed to demonstrate that there is reasonable evidence that the initial intrawell statistical exceedance is a result of spatial variation rather than a result of impact to groundwater quality downgradient of the facility.

Summary of Background Screening – CCR Appendix III – Conducted in 2017

The original background screening for Appendix III constituents was conducted in 2017 by MacStat Consulting. Values identified as outliers were flagged in the database and excluded prior to construction of statistical limits. Intrawell prediction limits, combined with a 1-of-2 resample plan, were recommended. The Analysis of Variance (ANOVA) was used to statistically evaluate differences in average concentrations among upgradient wells, which assists in identifying the most appropriate statistical approach.

Interwell tests, which compare downgradient well data to statistical limits constructed from pooled upgradient well data, are appropriate when average concentrations are similar across upgradient wells. Intrawell tests, which compare compliance data from a single well to screened historical background data within the same well, are appropriate when upgradient wells exhibit spatial variation; when statistical limits constructed from upgradient wells would not be conservative from a regulatory perspective; and when downgradient background water quality is unimpacted compared to upgradient water quality for the same parameter. Based on the results of the original background screening, intrawell tests were recommended for all Appendix III parameters.

Summary of Background Screening Georgia EPD Appendix I - Conducted in August 2019

Outlier and Trend Testing

Time series plots were used to identify suspected outliers, or extreme values that would result in limits that are not representative of the current background data population. Suspected outliers at all wells and parameters are formally tested using Tukey's box plot method and, when identified, flagged in the computer database with "o" and deselected prior to construction of statistical limits. The results of Tukey's outlier test as well as a discussion of potential outliers and flagged values were included with the background screening report.

Seasonality

No obvious seasonal patterns were observed on the time series plots for any of the detected data; therefore, no deseasonalizing adjustments were made to the data. When seasonal patterns are observed, data may be deseasonalized so that the resulting limits will correctly account for the seasonality as a predictable pattern rather than random variation or a release.

Trends

While trends may be identified by visual inspection, a quantification of the trend and its significance is needed. The Sen's Slope/Mann Kendall trend test, which tests for statistically significant increasing or decreasing trends, was used to evaluate data at all upgradient wells and downgradient wells with detections.

In the absence of suspected contamination, significant trending data are typically not included as part of the background data used for construction of prediction limits. This step serves to eliminate the trend and, thus, reduce variation in background. When statistically significant decreasing trends are present, all available data are evaluated to determine whether earlier concentration levels are significantly different from current reported concentrations and will be deselected as necessary. When any records of data are truncated for the reasons above, a summary report will be provided to show the date ranges used in construction of the statistical limits.

The results of the trend analyses showed several statistically significant increasing and decreasing trends; however, the majority of these were relatively low in magnitude when compared to average concentrations and, therefore, required no adjustments. It was noted that several of the upgradient wells had higher reported measurements in the earliest part of the records for some of the metals. These values were not deselected at this time since the measurements serve as reference data upgradient of the facility. If similar measurements are observed at a later time in one or more downgradient wells, the earlier upgradient data may indicate that the change is occurring rather than a result of practices at the facility. Lastly, while there was an overall increasing trend in concentrations for cobalt at well GWC-53, data are highly variable and similar to concentrations that have historically been reported in upgradient well GWA-45. Therefore, no adjustment was made to this record at that time.

Determination of Spatial Variation

The Analysis of Variance (ANOVA) was used to statistically evaluate differences in average concentrations among upgradient wells for constituents detected in downgradient wells. The ANOVA assists in identifying the most appropriate statistical approach.

Generally, constituents without significant differences, based on ANOVA across upgradient wells, may be considered for interwell analysis. However, the Scherer PAC Landfill is lined, and pre-waste data are available that show metals were present in low level detections during the collection of background data. Furthermore, for some constituents, the reported concentrations are higher in upgradient wells than in

downgradient wells. This would result in interwell limits that would not readily detect changes in the downgradient wells with lower concentrations. Therefore, intrawell prediction limits are recommended as the most appropriate statistical analysis for all of the Georgia EPD constituents at this landfill.

Summary of Background Updates – Georgia EPD Appendix I and CCR Appendix III

June 2021

Outlier Analysis

Prior to updating background data, visual screening was used to evaluate data for suspected outliers in upgradient and downgradient wells through September 2020. All of the more recent compliance measurements appeared stable compared to the previously screened historical data sets; therefore, no new outliers were flagged except for a high value for lead (0.0034 mg/L) in well GWC-52 in order to maintain conservative (i.e., lower) statistical limits. A summary of all flagged outliers follows this letter. Outliers are displayed in a lighter font and as a disconnected symbol on the time series reports, as well as in a lighter font on the accompanying data pages.

Mann-Whitney Comparison of Medians

For constituents requiring intrawell prediction limits (all Georgia EPD Appendix I and CCR Appendix III constituents in this instance), the Mann-Whitney (Wilcoxon Rank Sum) test was used to compare the medians of historical data through October 2018 to the new compliance samples at each well through September 2020. When no variation is present between historical data and compliance samples, the Mann-Whitney test is not performed. A list of well/constituent pairs with no variation was included in the background update report. When the medians of the two groups are not statistically significantly different at the 99% confidence level, background data sets are updated to include the newer compliance data. The results of the Mann-Whitney test and discussion regarding updating background records were included with the background update report. A summary of well/constituent pairs using a truncated portion of their record to establish intrawell prediction limits follows this letter. All records for Appendix I and Appendix III constituents using intrawell methods were re-evaluated during the next background update.

May 2023

Outlier Analysis

Prior to updating background data, visual screening and Tukey's outlier test was used to evaluate data for suspected outliers in upgradient and downgradient wells through November 2022. All previously flagged values were confirmed either by Tukey's test or visual screening; therefore, no new outliers were flagged except for a historic high value for vanadium in upgradient well GWA-47 (0.041 mg/L) that was flagged to achieve conservative (i.e., lower) statistical limits. Due to an increasing trend in the most recent data for barium at upgradient well GWA-45, observations between September 2019 and April 2021 in this well were not included in the interwell limit. The observations were flagged with an "L" flag and are included in the Outlier Summary, which shows all flagged outliers (Figure C). Outliers are displayed in a lighter font and as a disconnected symbol on the time series reports, as well as in a lighter font on the accompanying data pages.

Mann-Whitney Comparison of Medians

For constituents requiring intrawell prediction limits (all Georgia EPD Appendix I and CCR Appendix III constituents), the Mann-Whitney (Wilcoxon Rank Sum) test was used to compare the medians of historical data through September 2020 to the new compliance samples at each well through August 2022 (November 2022 for pH and TDS), which would include all observations prior to the compliance sample in 2023. When no variation is present between historical data and compliance samples, the Mann-Whitney test is not used. When the medians of the two groups are not statistically significantly different at the 99% confidence level (either an increase or decrease), background data sets are updated to include the newer compliance data. The results of the Mann-Whitney test showed statistically significant differences for the following well/constituent pairs:

Increase:

- Barium: GWA-45, GWA-46 (both upgradient), GWC-29, GWC-50, and GWC-52
- Boron: GWA-45 (upgradient)
- Calcium: GWC-29 and GWC-52
- Chloride: GWA-45, GWA-46 (both upgradient), GWC-51, and GWC-53
- Chromium: GWC-51 and GWC-52
- Nickel: GWC-50
- pH: GWC-29 and GWC-51
- Sulfate: GWC-52
- Vanadium: GWA-21 (upgradient)

Decrease:

- Antimony: GWA-47, GWA-48 (both upgradient), and GWC-51
- Arsenic: GWA-48 (upgradient)
- Barium: GWC-53
- Beryllium: GWA-22 (upgradient)
- Calcium: GWA-45 (upgradient)
- Cobalt: GWC-29, GWC-50, and GWC-51
- Fluoride: GWC-53
- Lead: GWA-22 (upgradient), GWC-50, and GWC-53
- Nickel: GWA-45 (upgradient)
- Thallium: GWC-51
- Zinc: GWA-45 (upgradient)

For both Appendix I and III well/constituent pairs with a statistically significant increase in median concentrations, the following records were not updated with data through August 2022 in order to maintain statistical limits that are conservative from a regulatory perspective:

- Chromium: GWC-52
- Sulfate: GWC-52

The remaining records with statistically significant increases were updated through August 2022 (November 2022 for pH) and are listed below. For upgradient wells, the increasing concentrations are assumed to result from spatial variation and to represent unimpacted background conditions. The increases in downgradient wells appear to be close to historic concentrations in the same or an upgradient well and would not greatly increase statistical limits:

- Boron: GWA-45 (upgradient)
- Barium: GWA-45 (upgradient), GWA-46 (upgradient), GWC-29, GWC-50, and GWC-52
- Calcium: GWC-29 and GWC-52
- Chloride: GWA-45, GWA-46 (both upgradient), GWC-51, and GWC-53
- Chromium: GWC-51
- Nickel: GWC-50
- pH: GWC-29 and GWC-51

Regarding Appendix I and III well/constituent pairs with a statistically significant decrease in median concentrations, all records were updated with compliance data as all concentrations (with the exception of barium at GWC-53) were reported as trace values

(i.e., below the reporting limit). For barium at GWC-53, background data were updated through August 2022, and elevated background concentrations in the early part of the record were truncated in order to construct statistical limits that are conservative (i.e., lower) from a regulatory perspective and are more representative of present-day groundwater quality conditions.

The Mann Whitney test did not identify significant differences in medians for lead; however, historical data prior to 2016 are more variable than more recent concentrations. Therefore, all historical data prior to 2016 for lead were truncated at all wells so that resulting prediction limits are conservative (i.e., lower) from a regulatory perspective. Additionally, lower concentrations early in the record for boron at upgradient well GWA-45 were truncated in order to eliminate the overall increasing trend and construct statistical limits that are more conservative.

A summary of well/constituent pairs using a truncated portion of their record to establish intrawell prediction limits follows this letter. All records for Appendix I and Appendix III constituents using intrawell methods will be re-evaluated during the next background update.

Statistical Analysis of Georgia EPD Appendix I Constituents – February/March 2024

Intrawell limits were constructed for all Georgia EPD Appendix I constituents. In cases where downgradient average concentrations are higher than observed upgradient concentrations for a given constituent, the current assumption is that the higher downgradient concentrations are due to spatial variation rather than a result of practices at the landfill. The pre-waste data support this logic.

Prediction Limits

Intrawell prediction limits, combined with a 1-of-2 resample plan, were constructed using all available data through August 2022 within each well for constituents with detections (Figure D). The February/March 2024 compliance samples were compared to these intrawell background limits. As previously discussed, no statistical analyses were included for silver since all records contain 100% non-detects in downgradient wells, or for other individual well/constituent pairs containing 100% non-detects.

In the event of an initial exceedance of compliance well data, the 1-of-2 resample plan allows for collection of one additional sample to determine whether the initial exceedance is confirmed. When resamples confirm the initial exceedance, an SSI is identified, and further research would be required to identify the cause of the exceedance (i.e., impact

from the site, natural variation, or an off-site source). If a resample falls within the statistical limit, the initial exceedance is considered to be a false positive result, and no further action is necessary. A summary table of the background intrawell prediction limits and exceedances follows this letter, along with the complete graphical results. Statistical exceedances were noted for the following well/constituent pairs:

- Barium: GWC-29 and GWC-52
- Chromium: GWC-52
- Copper: GWA-45 (upgradient)
- Lead: GWA-22 (upgradient)
- Nickel: GWA-45 (upgradient)

Two-Step Analysis

Following the two-step analysis procedure, interwell prediction limits were then constructed using pooled upgradient well data through March 2024 to evaluate the initial intrawell prediction limit exceedances listed above in downgradient wells (Figure E). The cause of the trend for chromium at GWC-52 is pending and requires further analysis beyond the scope of this analysis. If research shows these higher concentrations reflect spatial variation, the earlier portion of the record may require deselection so that resulting limits are reflective of present-day water quality conditions. No exceedances were identified.

Trend Tests

When initial prediction limit exceedances occur in any of the downgradient wells, data are further evaluated using the Sen's Slope/Mann Kendall trend test at the 99% confidence level to determine whether concentrations are significantly increasing, decreasing, or stable (Figure F). Upgradient wells are included in the trend analyses to identify whether similar patterns exist upgradient of the site. Trends in upgradient trends are an indication of variability in groundwater unrelated to practices at the site. Both a summary and complete graphical results of the trend tests follow this letter. Statistically significant trends were noted for the following well/constituent pairs:

Increasing:

- Barium: GWA-45, GWA-46 (both upgradient), GWC-29, and GWC-52
- Chromium: GWA-22 (upgradient) and GWC-52

Decreasing:

- Barium: GWA-22 (upgradient)
- Chromium: GWA-21 (upgradient)

Statistical Analysis of Appendix III Parameters – February/March 2024

Intrawell prediction limits for all Appendix III parameters, combined with a 1-of-2 resample plan, were constructed using all historical data through August 2022, except for pH and TDS which use historical data through November 2022. The February/March 2024 compliance data were compared to those limits.

As discussed earlier, the most recent reporting limit is substituted on a well-by-well basis for computing intrawell prediction limits. Therefore, individual wells can have different substitutions for a given parameter depending on what the laboratory has reported for each well. Note that the intrawell prediction limit changed compared to those established during the background update for fluoride at most wells as a result of the most recent reporting limit replacing historic non-detects. No significant changes to statistical limits occurred as a result.

Prediction Limits

In the event of an initial exceedance of compliance well data, the 1-of-2 resample plan allows for collection of one additional sample to determine whether the initial exceedance is confirmed. If the resample falls within the statistical limit, the initial exceedance is considered to be a false positive result; therefore, no exceedance is noted, and no further action is necessary. If no resample is collected, the original result is considered a confirmed exceedance. A summary table of the Appendix III prediction limits follows this letter, along with complete graphical results (Figure G). The following prediction limit exceedances were noted for Appendix III parameters:

- Calcium: GWA-22, GWA-47 (both upgradient), GWC-29, GWC-51, and GWC-52
- Chloride: GWA-45 (upgradient), GWC-51, and GWC-53
- pH: GWA-22, GWA-45 (both upgradient), GWC-29, GWC-52, and GWC-53
- Sulfate: GWA-21 (upgradient), GWC-51, GWC-52, and GWC-53

Two-Step Analysis

Following the two-step analysis procedure as mentioned above, interwell prediction limits were then constructed using pooled upgradient well data through March 2024 to evaluate the apparent initial intrawell prediction limit exceedances listed above at downgradient wells (Figure H). An exceedance was identified for the following well/constituent pair:

- Chloride: GWC-53

It was noted that upgradient well GWA-45, which is included in the interwell background and represents groundwater quality upgradient of the site, has higher concentrations than neighboring upgradient wells for several of the Appendix III constituents. Therefore, the interwell comparisons for downgradient wells with reported lower concentration levels need to be interpreted cautiously and are further evaluated through trend analysis as described below.

Trend Tests

Data from downgradient well/constituent pairs found to exceed their respective prediction limit were further evaluated using the Sen's Slope/Mann Kendall trend test at the 99% confidence level along with upgradient wells for the same constituents (Figure I). Upgradient wells are included in the trend analyses for all parameters found to exceed their prediction limit in downgradient wells to identify whether similar patterns exist upgradient of the site. Such patterns are an indication of variability in groundwater unrelated to practices at the site. A summary and complete the trend test results follow this letter. The following statistically significant trends were identified:

Increasing:

- Calcium: GWA-46, GWA-47 (both upgradient), GWC-29, GWC-51, and GWC-52
- Chloride: GWA-21, GWA-45, GWA-46 (all upgradient), GWC-51, and GWC-53
- pH: GWC-29
- Sulfate: GWA-21, GWA-45 (both upgradient), GWC-51, GWC-52, and GWC-53

Decreasing:

- Chloride: GWA-22 (upgradient)

Resample Reports – May 2024

A resample was collected in May 2024 based on the results of the two-step approach for the following well/constituent pair:

- Chloride: GWC-53

An additional resample for pH at downgradient well GWC-53 was also collected. Intrawell prediction limits were constructed using background data through August 2022 to

compare the May 2024 resamples for chloride and pH at well GWC-53 (Figure J). No exceedances were identified.

Summary

Observations from the February/March 2024 sample event and a resamples from May 2024 at Scherer PAC were compared to established intrawell prediction limits for all Appendix I and III constituents. For parameters using intrawell prediction limits, the two-step approach followed by trend testing was used to evaluate apparent exceedances.

Based on the results of the two-step approach for both the February/March 2024 observations and May 2024 resamples, no exceedances were identified.

Thank you for the opportunity to assist you in the statistical analysis of groundwater quality for Plant Scherer PAC Landfill. If you have any questions or comments, please feel free to contact us.

For Groundwater Stats Consulting,



Andrew T. Collins
Project Manager



Kristina L. Rayner
Senior Statistician

100% Non-Detects: Appendix I

Analysis Run 3/28/2024 11:44 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Antimony, Total (mg/L)

GWA-22, GWA-45, GWA-49, GWC-29, GWC-50, GWC-52, GWC-53

Arsenic, Total (mg/L)

GWA-21, GWA-22, GWA-46, GWA-47, GWC-51

Beryllium, Total (mg/L)

GWA-21, GWA-45, GWA-46, GWA-47, GWA-48, GWA-49, GWC-29, GWC-50, GWC-52, GWC-53

Cadmium, Total (mg/L)

GWA-21, GWA-22, GWA-45, GWA-46, GWA-48, GWA-49, GWC-29, GWC-51, GWC-52, GWC-53

Cobalt, Total (mg/L)

GWC-52

Copper, Total (mg/L)

GWA-46, GWC-29, GWC-52, GWC-53

Mercury, Total (mg/L)

GWC-51, GWC-53

Nickel, Total (mg/L)

GWC-52

Selenium, Total (mg/L)

GWA-21, GWA-46, GWC-51

Silver, Total (mg/L)

GWA-21, GWA-22, GWA-45, GWA-46, GWA-47, GWA-48, GWA-49, GWC-29, GWC-50, GWC-51, GWC-52, GWC-53

Thallium, Total (mg/L)

GWA-46, GWA-47, GWA-49, GWC-29, GWC-52, GWC-53

Date Ranges

Date: 4/1/2024 10:58 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Barium, Total (mg/L)

GWC-53 background:3/26/2018-8/31/2022

Boron (mg/L)

GWA-45 background:3/22/2018-8/31/2022

Chromium, Total (mg/L)

GWC-52 background:12/21/2010-10/4/2018

Lead, Total (mg/L)

background:4/6/2016-8/31/2022

Sulfate (mg/L)

GWC-52 background:4/11/2016-10/4/2018

Appendix I Intrawell Prediction Limits - Significant Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 3/28/2024, 11:52 AM

<u>Constituent</u>	<u>Well</u>	<u>Upper Lim.</u>	<u>Lower Lim.</u>	<u>Date</u>	<u>Observ.</u>	<u>Sig.</u>	<u>Bg</u>	<u>NBg</u>	<u>Mean</u>	<u>Std. Dev.</u>	<u>%NDs</u>	<u>ND Adj.</u>	<u>Transform</u>	<u>Alpha</u>	<u>Method</u>
Barium, Total (mg/L)	GWC-29	0.02203	n/a	3/4/2024	0.025	Yes	32	0.1287	0.009196	0	None		sqrt(x)	0.0007022	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-52	0.02119	n/a	3/4/2024	0.025	Yes	32	0.01286	0.003883	0	None		No	0.0007022	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-52	0.01539	n/a	3/4/2024	0.033	Yes	24	0.00975	0.002526	4.167	None		No	0.0007022	Param Intra 1 of 2
Copper, Total (mg/L)	GWA-45	0.0034	n/a	3/4/2024	0.0068	Yes	27	n/a	n/a	77.78	n/a		n/a	0.002502	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-22	0.001	n/a	3/4/2024	0.002	Yes	19	n/a	n/a	89.47	n/a		n/a	0.004832	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-45	0.001	n/a	3/4/2024	0.0011	Yes	27	n/a	n/a	77.78	n/a		n/a	0.002502	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 3/28/2024, 11:52 AM

Constituent	Well	Upper Lim.	Lower Lim. Date	Observ.	Sig.	Bg NBg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Lead, Total (mg/L)	GWC-29	0.001	n/a	3/4/2024	0.001ND	No 19	n/a	n/a	100	n/a	n/a	0.004832 NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-50	0.001	n/a	3/4/2024	0.001ND	No 19	n/a	n/a	89.47	n/a	n/a	0.004832 NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-51	0.0015	n/a	3/4/2024	0.001ND	No 19	n/a	n/a	84.21	n/a	n/a	0.004832 NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-52	0.001	n/a	3/4/2024	0.001ND	No 18	n/a	n/a	100	n/a	n/a	0.005373 NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-53	0.001	n/a	3/4/2024	0.001ND	No 19	n/a	n/a	94.74	n/a	n/a	0.004832 NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-21	0.0002	n/a	2/29/2024	0.0002ND	No 32	n/a	n/a	96.88	n/a	n/a	0.001803 NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-22	0.0002	n/a	3/4/2024	0.0002ND	No 32	n/a	n/a	96.88	n/a	n/a	0.001803 NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-45	0.0002	n/a	3/4/2024	0.0002ND	No 32	n/a	n/a	96.88	n/a	n/a	0.001803 NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-46	0.0002	n/a	3/4/2024	0.0002ND	No 32	n/a	n/a	93.75	n/a	n/a	0.001803 NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-47	0.0002	n/a	3/4/2024	0.0002ND	No 32	n/a	n/a	93.75	n/a	n/a	0.001803 NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-48	0.0002	n/a	3/4/2024	0.0002ND	No 32	n/a	n/a	93.75	n/a	n/a	0.001803 NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-49	0.0002	n/a	3/4/2024	0.0002ND	No 32	n/a	n/a	96.88	n/a	n/a	0.001803 NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWC-29	0.0002	n/a	3/4/2024	0.0002ND	No 32	n/a	n/a	96.88	n/a	n/a	0.001803 NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWC-50	0.0002	n/a	3/4/2024	0.0002ND	No 32	n/a	n/a	96.88	n/a	n/a	0.001803 NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWC-52	0.0002	n/a	3/4/2024	0.0002ND	No 32	n/a	n/a	96.88	n/a	n/a	0.001803 NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-21	0.0012	n/a	2/29/2024	0.00097J	No 26	n/a	n/a	76.92	n/a	n/a	0.002667 NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-22	0.0014	n/a	3/4/2024	0.00055J	No 26	n/a	n/a	84.62	n/a	n/a	0.002667 NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-45	0.001	n/a	3/4/2024	0.0011	Yes 27	n/a	n/a	77.78	n/a	n/a	0.002502 NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-46	0.001	n/a	3/4/2024	0.001ND	No 26	n/a	n/a	92.31	n/a	n/a	0.002667 NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-47	0.022	n/a	3/4/2024	0.001ND	No 27	n/a	n/a	70.37	n/a	n/a	0.002502 NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-48	0.016	n/a	3/4/2024	0.001ND	No 27	n/a	n/a	59.26	n/a	n/a	0.002502 NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-49	0.0019	n/a	3/4/2024	0.001ND	No 27	n/a	n/a	81.48	n/a	n/a	0.002502 NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWC-29	0.0047	n/a	3/4/2024	0.0028	No 27	n/a	n/a	48.15	n/a	n/a	0.002502 NP Intra (normality) 1 of 2
Nickel, Total (mg/L)	GWC-50	0.0036	n/a	3/4/2024	0.0029	No 27	n/a	n/a	74.07	n/a	n/a	0.002502 NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWC-51	0.0034	n/a	3/4/2024	0.0024	No 27	n/a	n/a	59.26	n/a	n/a	0.002502 NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWC-53	0.008125	n/a	3/4/2024	0.0077	No 27	3.0e-7	1.1e-7	7.407	None	x^3	0.0007022 Param Intra 1 of 2
Selenium, Total (mg/L)	GWA-22	0.005	n/a	3/4/2024	0.005ND	No 32	n/a	n/a	90.63	n/a	n/a	0.001803 NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-45	0.005	n/a	3/4/2024	0.005ND	No 30	n/a	n/a	90	n/a	n/a	0.002008 NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-47	0.005	n/a	3/4/2024	0.005ND	No 31	n/a	n/a	96.77	n/a	n/a	0.001905 NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-48	0.005	n/a	3/4/2024	0.005ND	No 31	n/a	n/a	93.55	n/a	n/a	0.001905 NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-49	0.005	n/a	3/4/2024	0.005ND	No 32	n/a	n/a	93.75	n/a	n/a	0.001803 NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-29	0.005	n/a	3/4/2024	0.005ND	No 32	n/a	n/a	93.75	n/a	n/a	0.001803 NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-50	0.005	n/a	3/4/2024	0.005ND	No 32	n/a	n/a	93.75	n/a	n/a	0.001803 NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-52	0.005	n/a	3/4/2024	0.005ND	No 31	n/a	n/a	83.87	n/a	n/a	0.001905 NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-53	0.005	n/a	3/4/2024	0.005ND	No 32	n/a	n/a	90.63	n/a	n/a	0.001803 NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-21	0.001	n/a	2/29/2024	0.001ND	No 32	n/a	n/a	90.63	n/a	n/a	0.001803 NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-22	0.001	n/a	3/4/2024	0.001ND	No 32	n/a	n/a	93.75	n/a	n/a	0.001803 NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-45	0.001	n/a	3/4/2024	0.001ND	No 32	n/a	n/a	90.63	n/a	n/a	0.001803 NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-48	0.001	n/a	3/4/2024	0.001ND	No 32	n/a	n/a	93.75	n/a	n/a	0.001803 NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-50	0.001	n/a	3/4/2024	0.001ND	No 32	n/a	n/a	96.88	n/a	n/a	0.001803 NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-51	0.001	n/a	3/4/2024	0.001ND	No 32	n/a	n/a	96.88	n/a	n/a	0.001803 NP Intra (NDs) 1 of 2
Vanadium, Total (mg/L)	GWA-21	0.004	n/a	2/29/2024	0.0025	No 26	n/a	n/a	50	n/a	n/a	0.002667 NP Intra (normality) 1 of 2
Vanadium, Total (mg/L)	GWA-22	0.0083	n/a	3/4/2024	0.0081	No 26	n/a	n/a	46.15	n/a	n/a	0.002667 NP Intra (normality) 1 of 2
Vanadium, Total (mg/L)	GWA-45	0.0036	n/a	3/4/2024	0.0024	No 26	n/a	n/a	57.69	n/a	n/a	0.002667 NP Intra (NDs) 1 of 2
Vanadium, Total (mg/L)	GWA-46	0.006101	n/a	3/4/2024	0.0028	No 26	0.05716	0.009504	15.38	Kaplan-Meier	sqrt(x)	0.0007022 Param Intra 1 of 2
Vanadium, Total (mg/L)	GWA-47	0.01987	n/a	3/4/2024	0.0078	No 26	0.009388	0.004755	7.692	None	No	0.0007022 Param Intra 1 of 2
Vanadium, Total (mg/L)	GWA-48	0.02235	n/a	3/4/2024	0.018	No 26	0.0002699	0.0001043	3.846	None	x^2	0.0007022 Param Intra 1 of 2
Vanadium, Total (mg/L)	GWA-49	0.02266	n/a	3/4/2024	0.018	No 27	0.01882	0.001752	0	None	No	0.0007022 Param Intra 1 of 2
Vanadium, Total (mg/L)	GWC-29	0.007301	n/a	3/4/2024	0.0045	No 27	0.004641	0.001213	7.407	None	No	0.0007022 Param Intra 1 of 2
Vanadium, Total (mg/L)	GWC-50	0.0093	n/a	3/4/2024	0.0025	No 27	n/a	n/a	33.33	n/a	n/a	0.002502 NP Intra (normality) 1 of 2
Vanadium, Total (mg/L)	GWC-51	0.007518	n/a	3/4/2024	0.0041	No 27	0.004618	0.001323	18.52	Kaplan-Meier	No	0.0007022 Param Intra 1 of 2
Vanadium, Total (mg/L)	GWC-52	0.01363	n/a	3/4/2024	0.0098	No 27	0.00000132	5.5e-7	7.407	None	x^3	0.0007022 Param Intra 1 of 2
Vanadium, Total (mg/L)	GWC-53	0.0065	n/a	3/4/2024	0.00066J	No 26	n/a	n/a	73.08	n/a	n/a	0.002667 NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-21	0.005	n/a	2/29/2024	0.005ND	No 27	n/a	n/a	92.59	n/a	n/a	0.002502 NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-22	0.0085	n/a	3/4/2024	0.0059	No 25	n/a	n/a	92	n/a	n/a	0.002832 NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-45	0.0098	n/a	3/4/2024	0.0035J	No 27	n/a	n/a	70.37	n/a	n/a	0.002502 NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-46	0.0096	n/a	3/4/2024	0.005ND	No 26	n/a	n/a	73.08	n/a	n/a	0.002667 NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-47	0.0087	n/a	3/4/2024	0.005ND	No 25	n/a	n/a	92	n/a	n/a	0.002832 NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-48	0.005	n/a	3/4/2024	0.005ND	No 27	n/a	n/a	88.89	n/a	n/a	0.002502 NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-49	0.005	n/a	3/4/2024	0.005ND	No 27	n/a	n/a	92.59	n/a	n/a	0.002502 NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWC-29	0.0058	n/a	3/4/2024	0.005ND	No 27	n/a	n/a	96.3	n/a	n/a	0.002502 NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWC-50	0.0076	n/a	3/4/2024	0.005ND	No 27	n/a	n/a	85.19	n/a	n/a	0.002502 NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWC-51	0.005	n/a	3/4/2024	0.005ND	No 27	n/a	n/a	92.59	n/a	n/a	0.002502 NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWC-52	0.0073	n/a	3/4/2024	0.005ND	No 27	n/a	n/a	92.59	n/a	n/a	0.002502 NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWC-53	0.01998	n/a	3/4/2024	0.013	No 26	0.01409	0.002672	0	None	No	0.0007022 Param Intra 1 of 2

Appendix I Interwell Prediction Limits - Two-Step - All Results (No Significant)

Plant Scherer Data: Scherer PAC-CCR Printed 3/28/2024, 8:08 PM

<u>Constituent</u>	<u>Well</u>	<u>Upper Lim.</u>	<u>Lower Lim.</u>	<u>Date</u>	<u>Observ.</u>	<u>Sig.</u>	<u>Bg</u>	<u>NBg</u>	<u>Mean</u>	<u>Std. Dev.</u>	<u>%NDs</u>	<u>ND Adj.</u>	<u>Transform</u>	<u>Alpha</u>	<u>Method</u>
Barium, Total (mg/L)	GWC-29	0.091	n/a	3/4/2024	0.025	No	236	n/a	n/a	0	n/a	n/a	0.0000492	NP Inter (normality)	1 of 2
Barium, Total (mg/L)	GWC-52	0.091	n/a	3/4/2024	0.025	No	236	n/a	n/a	0	n/a	n/a	0.0000492	NP Inter (normality)	1 of 2
Chromium, Total (mg/L)	GWC-52	0.045	n/a	3/4/2024	0.033	No	243	n/a	n/a	17.7	n/a	n/a	0.0000492	NP Inter (normality)	1 of 2

Appendix I Trend Tests Summary - Significant Results

Plant Scherer Data: Scherer PAC-CCR Printed 3/28/2024, 8:10 PM

<u>Constituent</u>	<u>Well</u>	<u>Slope</u>	<u>Calc.</u>	<u>Critical</u>	<u>Sig.</u>	<u>N</u>	<u>%NDs</u>	<u>Normality</u>	<u>Alpha</u>	<u>Method</u>
Barium, Total (mg/L)	GWA-22 (bg)	-0.0003928	-232	-184	Yes	35	0	n/a	0.01	NP
Barium, Total (mg/L)	GWA-45 (bg)	0.003807	333	152	Yes	31	0	n/a	0.01	NP
Barium, Total (mg/L)	GWA-46 (bg)	0.000342	299	176	Yes	34	0	n/a	0.01	NP
Barium, Total (mg/L)	GWC-29	0.0005052	360	184	Yes	35	0	n/a	0.01	NP
Barium, Total (mg/L)	GWC-52	0.001046	485	184	Yes	35	0	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-21 (bg)	-0.0003133	-297	-184	Yes	35	11.43	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-22 (bg)	0.0005121	377	184	Yes	35	5.714	n/a	0.01	NP
Chromium, Total (mg/L)	GWC-52	0.002259	396	184	Yes	35	2.857	n/a	0.01	NP

Appendix I Trend Tests Summary - All Results

Plant Scherer Data: Scherer PAC-CCR Printed 3/28/2024, 8:10 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Barium, Total (mg/L)	GWA-21 (bg)	0.0002252	103	176	No	34	0	n/a	0.01	NP
Barium, Total (mg/L)	GWA-22 (bg)	-0.0003928	-232	-184	Yes	35	0	n/a	0.01	NP
Barium, Total (mg/L)	GWA-45 (bg)	0.003807	333	152	Yes	31	0	n/a	0.01	NP
Barium, Total (mg/L)	GWA-46 (bg)	0.000342	299	176	Yes	34	0	n/a	0.01	NP
Barium, Total (mg/L)	GWA-47 (bg)	-0.0002967	-68	-176	No	34	0	n/a	0.01	NP
Barium, Total (mg/L)	GWA-48 (bg)	0	3	167	No	33	0	n/a	0.01	NP
Barium, Total (mg/L)	GWA-49 (bg)	0	34	184	No	35	0	n/a	0.01	NP
Barium, Total (mg/L)	GWC-29	0.0005052	360	184	Yes	35	0	n/a	0.01	NP
Barium, Total (mg/L)	GWC-52	0.001046	485	184	Yes	35	0	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-21 (bg)	-0.0003133	-297	-184	Yes	35	11.43	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-22 (bg)	0.0005121	377	184	Yes	35	5.714	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-45 (bg)	0	-61	-167	No	33	93.94	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-46 (bg)	0.00004906	104	184	No	35	2.857	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-47 (bg)	0.00004195	36	184	No	35	5.714	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-48 (bg)	-0.00005835	-53	-184	No	35	5.714	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-49 (bg)	0.00003566	34	184	No	35	2.857	n/a	0.01	NP
Chromium, Total (mg/L)	GWC-52	0.002259	396	184	Yes	35	2.857	n/a	0.01	NP

Appendix III Intrawell Prediction Limits - Significant Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 3/28/2024, 12:20 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBg	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Calcium (mg/L)	GWA-22	10.02	n/a	3/4/2024	11	Yes	19	7.211	1.352	0	None	No	0.001504	Param Intra 1 of 2	
Calcium (mg/L)	GWA-47	13	n/a	3/4/2024	15	Yes	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality) 1 of 2	
Calcium (mg/L)	GWC-29	17	n/a	3/4/2024	18	Yes	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality) 1 of 2	
Calcium (mg/L)	GWC-51	7.914	n/a	3/4/2024	8.1	Yes	19	6.811	0.5301	0	None	No	0.001504	Param Intra 1 of 2	
Calcium (mg/L)	GWC-52	22.55	n/a	3/4/2024	28	Yes	19	15.64	3.322	0	None	No	0.001504	Param Intra 1 of 2	
Chloride (mg/L)	GWA-45	13	n/a	3/4/2024	14	Yes	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality) 1 of 2	
Chloride (mg/L)	GWC-51	8.175	n/a	3/4/2024	8.4	Yes	18	1.945	0.07427	0	None	ln(x)	0.001504	Param Intra 1 of 2	
Chloride (mg/L)	GWC-53	13	n/a	3/4/2024	15	Yes	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality) 1 of 2	
pH (S.U.)	GWA-22	6.307	5.548	3/4/2024	6.41	Yes	22	5.928	0.187	0	None	No	0.000752	Param Intra 1 of 2	
pH (S.U.)	GWA-45	6.48	5.92	3/4/2024	6.54	Yes	23	n/a	n/a	0	n/a	n/a	0.006831	NP Intra (normality) 1 of 2	
pH (S.U.)	GWC-29	6.3	5.72	3/4/2024	6.52	Yes	23	n/a	n/a	0	n/a	n/a	0.006831	NP Intra (normality) 1 of 2	
pH (S.U.)	GWC-52	6.787	6.53	3/4/2024	7.01	Yes	25	6.659	0.06463	0	None	No	0.000752	Param Intra 1 of 2	
pH (S.U.)	GWC-53	5.752	5.445	3/4/2024	5.9	Yes	23	5.598	0.07608	0	None	No	0.000752	Param Intra 1 of 2	
Sulfate (mg/L)	GWA-21	2.686	n/a	2/29/2024	2.8	Yes	19	1.398	0.6191	5.263	None	No	0.001504	Param Intra 1 of 2	
Sulfate (mg/L)	GWC-51	2.7	n/a	3/4/2024	2.9	Yes	19	n/a	n/a	52.63	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2	
Sulfate (mg/L)	GWC-52	26.35	n/a	3/4/2024	90	Yes	11	12.57	5.74	9.091	None	No	0.001504	Param Intra 1 of 2	
Sulfate (mg/L)	GWC-53	170	n/a	3/4/2024	180	Yes	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality) 1 of 2	

Appendix III Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 3/28/2024, 12:20 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NB	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	GWA-21	0.08	n/a	2/29/2024	0.08ND	No	19	n/a	n/a	n/a	89.47	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-22	0.08	n/a	3/4/2024	0.033J	No	19	n/a	n/a	n/a	100	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-45	1.35	n/a	3/4/2024	0.98	No	10	0.932	0.1688	0	None	None	No	0.001504	Param Intra 1 of 2
Boron (mg/L)	GWA-46	0.08	n/a	3/4/2024	0.022J	No	19	n/a	n/a	n/a	100	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-47	0.08	n/a	3/4/2024	0.08ND	No	19	n/a	n/a	n/a	94.74	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-48	0.08	n/a	3/4/2024	0.08ND	No	19	n/a	n/a	n/a	94.74	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-49	0.08	n/a	3/4/2024	0.08ND	No	19	n/a	n/a	n/a	100	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-29	0.08	n/a	3/4/2024	0.08ND	No	19	n/a	n/a	n/a	94.74	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-50	0.08	n/a	3/4/2024	0.08ND	No	19	n/a	n/a	n/a	100	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-51	0.08	n/a	3/4/2024	0.036J	No	19	n/a	n/a	n/a	100	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-52	0.08	n/a	3/4/2024	0.023J	No	19	n/a	n/a	n/a	100	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-53	1.09	n/a	3/4/2024	0.97	No	19	0.946	0.06939	0	None	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWA-21	11.24	n/a	2/29/2024	6.7	No	19	8.656	1.24	0	None	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWA-22	10.02	n/a	3/4/2024	11	Yes	19	7.211	1.352	0	None	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWA-45	47.22	n/a	3/4/2024	25	No	19	34.49	6.119	0	None	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWA-46	7.062	n/a	3/4/2024	6.8	No	19	5.804	0.6047	0	None	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWA-47	13	n/a	3/4/2024	15	Yes	19	n/a	n/a	0	n/a	n/a	n/a	0.004832	NP Intra (normality) 1 of 2
Calcium (mg/L)	GWA-48	14	n/a	3/4/2024	13	No	19	n/a	n/a	0	n/a	n/a	n/a	0.004832	NP Intra (normality) 1 of 2
Calcium (mg/L)	GWA-49	16	n/a	3/4/2024	14	No	19	n/a	n/a	0	n/a	n/a	n/a	0.004832	NP Intra (normality) 1 of 2
Calcium (mg/L)	GWC-29	17	n/a	3/4/2024	18	Yes	19	n/a	n/a	0	n/a	n/a	n/a	0.004832	NP Intra (normality) 1 of 2
Calcium (mg/L)	GWC-50	8.1	n/a	3/4/2024	7.9	No	19	7.149	0.4569	0	None	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWC-51	7.914	n/a	3/4/2024	8.1	Yes	19	6.811	0.5301	0	None	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWC-52	22.55	n/a	3/4/2024	28	Yes	19	15.64	3.322	0	None	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWC-53	20.32	n/a	3/4/2024	19	No	19	298.6	54.84	0	None	x^2	0.001504	Param Intra 1 of 2	
Chloride (mg/L)	GWA-21	4.416	n/a	2/29/2024	3.7	No	19	3.412	0.4825	0	None	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWA-22	4.767	n/a	3/4/2024	1.8	No	19	1.638	0.2622	0	None	sqrt(x)	0.001504	Param Intra 1 of 2	
Chloride (mg/L)	GWA-45	13	n/a	3/4/2024	14	Yes	19	n/a	n/a	0	n/a	n/a	n/a	0.004832	NP Intra (normality) 1 of 2
Chloride (mg/L)	GWA-46	5.759	n/a	3/4/2024	5.4	No	19	3.853	0.9159	0	None	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWA-47	1.847	n/a	3/4/2024	1.8	No	19	1.514	0.16	0	None	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWA-48	2.016	n/a	3/4/2024	1.8	No	18	1.741	0.1305	0	None	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWA-49	2.36	n/a	3/4/2024	2	No	19	2.083	0.1331	0	None	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWC-29	4.103	n/a	3/4/2024	3.4	No	18	3.433	0.3181	0	None	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWC-50	2.1	n/a	3/4/2024	1.9	No	19	n/a	n/a	0	n/a	n/a	n/a	0.004832	NP Intra (normality) 1 of 2
Chloride (mg/L)	GWC-51	8.175	n/a	3/4/2024	8.4	Yes	18	1.945	0.07427	0	None	In(x)	0.001504	Param Intra 1 of 2	
Chloride (mg/L)	GWC-52	8.528	n/a	3/4/2024	8.1	No	18	7.906	0.296	0	None	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWC-53	13	n/a	3/4/2024	15	Yes	19	n/a	n/a	0	n/a	n/a	n/a	0.004832	NP Intra (normality) 1 of 2
Fluoride (mg/L)	GWA-21	0.1	n/a	2/29/2024	0.1ND	No	19	n/a	n/a	n/a	52.63	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-22	0.1	n/a	3/4/2024	0.1ND	No	19	n/a	n/a	n/a	57.89	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-45	0.1	n/a	3/4/2024	0.1ND	No	19	n/a	n/a	n/a	73.68	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-46	0.11	n/a	3/4/2024	0.1ND	No	19	n/a	n/a	n/a	68.42	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-47	0.1	n/a	3/4/2024	0.1ND	No	19	n/a	n/a	n/a	63.16	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-48	0.1	n/a	3/4/2024	0.1ND	No	19	n/a	n/a	n/a	47.37	n/a	n/a	0.004832	NP Intra (normality) 1 of 2
Fluoride (mg/L)	GWA-49	0.1	n/a	3/4/2024	0.1ND	No	19	n/a	n/a	n/a	52.63	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-29	0.1	n/a	3/4/2024	0.1ND	No	19	n/a	n/a	n/a	52.63	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-50	0.1	n/a	3/4/2024	0.1ND	No	19	n/a	n/a	n/a	63.16	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-51	0.1	n/a	3/4/2024	0.1ND	No	19	n/a	n/a	n/a	63.16	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-52	0.1	n/a	3/4/2024	0.1ND	No	19	n/a	n/a	n/a	57.89	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-53	0.1	n/a	3/4/2024	0.1ND	No	19	n/a	n/a	n/a	84.21	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
pH (S.U.)	GWA-21	6.036	5.599	2/29/2024	5.8	No	21	5.818	0.107	0	None	None	No	0.000752	Param Intra 1 of 2
pH (S.U.)	GWA-22	6.307	5.548	3/4/2024	6.41	Yes	22	5.928	0.187	0	None	None	No	0.000752	Param Intra 1 of 2
pH (S.U.)	GWA-45	6.48	5.92	3/4/2024	6.54	Yes	23	n/a	n/a	0	n/a	n/a	n/a	0.006831	NP Intra (normality) 1 of 2
pH (S.U.)	GWA-46	6.83	5.71	3/4/2024	5.94	No	24	n/a	n/a	0	n/a	n/a	n/a	0.006247	NP Intra (normality) 1 of 2
pH (S.U.)	GWA-47	6.608	6.308	3/4/2024	6.49	No	26	6.458	0.07553	0	None	None	No	0.000752	Param Intra 1 of 2
pH (S.U.)	GWA-48	6.966	6.599	3/4/2024	6.86	No	24	6.783	0.09157	0	None	None	No	0.000752	Param Intra 1 of 2
pH (S.U.)	GWA-49	7.098	6.674	3/4/2024	6.96	No	23	6.886	0.105	0	None	None	No	0.000752	Param Intra 1 of 2

Appendix III Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 3/28/2024, 12:20 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NB	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
pH (S.U.)	GWC-29	6.3	5.72	3/4/2024	6.52	Yes	23	n/a	n/a	0	n/a	n/a	n/a	0.006831	NP Intra (normality) 1 of 2
pH (S.U.)	GWC-50	5.959	5.69	3/4/2024	5.77	No	24	5.824	0.06717	0	None	No	0.000752	Param Intra 1 of 2	
pH (S.U.)	GWC-51	6.008	5.744	3/4/2024	5.85	No	25	5.876	0.06614	0	None	No	0.000752	Param Intra 1 of 2	
pH (S.U.)	GWC-52	6.787	6.53	3/4/2024	7.01	Yes	25	6.659	0.06463	0	None	No	0.000752	Param Intra 1 of 2	
pH (S.U.)	GWC-53	5.752	5.445	3/4/2024	5.9	Yes	23	5.598	0.07608	0	None	No	0.000752	Param Intra 1 of 2	
Sulfate (mg/L)	GWA-21	2.686	n/a	2/29/2024	2.8	Yes	19	1.398	0.6191	5.263	None	No	0.001504	Param Intra 1 of 2	
Sulfate (mg/L)	GWA-22	1	n/a	3/4/2024	1ND	No	19	n/a	n/a	89.47	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2	
Sulfate (mg/L)	GWA-45	190.4	n/a	3/4/2024	160	No	19	151.4	18.71	0	None	No	0.001504	Param Intra 1 of 2	
Sulfate (mg/L)	GWA-46	1.1	n/a	3/4/2024	0.64J	No	19	n/a	n/a	63.16	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2	
Sulfate (mg/L)	GWA-47	1.1	n/a	3/4/2024	0.46J	No	19	n/a	n/a	78.95	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2	
Sulfate (mg/L)	GWA-48	1.68	n/a	3/4/2024	1.4	No	19	1.244	0.2097	0	None	No	0.001504	Param Intra 1 of 2	
Sulfate (mg/L)	GWA-49	1	n/a	3/4/2024	0.66J	No	19	n/a	n/a	63.16	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2	
Sulfate (mg/L)	GWC-29	3.356	n/a	3/4/2024	2.1	No	19	6.918	2.089	5.263	None	x^2	0.001504	Param Intra 1 of 2	
Sulfate (mg/L)	GWC-50	1	n/a	3/4/2024	1ND	No	19	n/a	n/a	89.47	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2	
Sulfate (mg/L)	GWC-51	2.7	n/a	3/4/2024	2.9	Yes	19	n/a	n/a	52.63	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2	
Sulfate (mg/L)	GWC-52	26.35	n/a	3/4/2024	90	Yes	11	12.57	5.74	9.091	None	No	0.001504	Param Intra 1 of 2	
Sulfate (mg/L)	GWC-53	170	n/a	3/4/2024	180	Yes	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality) 1 of 2	
Total Dissolved Solids (mg/L)	GWA-21	129	n/a	2/29/2024	92	No	19	88.89	19.28	0	None	No	0.001504	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWA-22	103	n/a	3/4/2024	96	No	19	68.26	16.69	0	None	No	0.001504	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWA-45	375.8	n/a	3/4/2024	310	No	19	281.9	45.08	0	None	No	0.001504	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWA-46	89.61	n/a	3/4/2024	66	No	19	52.66	17.75	5.263	None	No	0.001504	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWA-47	118.9	n/a	3/4/2024	99	No	19	86.95	15.37	0	None	No	0.001504	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWA-48	123.1	n/a	3/4/2024	100	No	19	94.05	13.98	0	None	No	0.001504	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWA-49	129.2	n/a	3/4/2024	110	No	18	108.6	9.793	0	None	No	0.001504	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWC-29	142.1	n/a	3/4/2024	110	No	19	95.79	22.25	0	None	No	0.001504	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWC-50	112.5	n/a	3/4/2024	68	No	19	70.21	20.34	0	None	No	0.001504	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWC-51	106.2	n/a	3/4/2024	86	No	18	77.39	13.68	0	None	No	0.001504	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWC-52	203.8	n/a	3/4/2024	200	No	19	137.1	32.07	0	None	No	0.001504	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWC-53	326.8	n/a	3/4/2024	310	No	19	258.3	32.93	0	None	No	0.001504	Param Intra 1 of 2	

Appendix III Interwell Prediction Limits - Two-Step - Significant Result

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 3/28/2024, 12:22 PM

<u>Constituent</u>	<u>Well</u>	<u>Upper Lim.</u>	<u>Lower Lim.</u>	<u>Date</u>	<u>Observ.</u>	<u>Sig.</u>	<u>Bg</u>	<u>NBg</u>	<u>Mean</u>	<u>Std. Dev.</u>	<u>%NDs</u>	<u>ND Adj.</u>	<u>Transform</u>	<u>Alpha</u>	<u>Method</u>
Chloride (mg/L)	GWC-53	14	n/a	3/4/2024	15	Yes	153	n/a		n/a	0	n/a	n/a	0.00008465	NP Inter (normality) 1 of 2

Appendix III Interwell Prediction Limits - Two-Step - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 3/28/2024, 12:22 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBg	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Calcium (mg/L)	GWC-29	45	n/a	3/4/2024	18	No	154	n/a	n/a	n/a	0	n/a	n/a	0.00008349	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-51	45	n/a	3/4/2024	8.1	No	154	n/a	n/a	n/a	0	n/a	n/a	0.00008349	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-52	45	n/a	3/4/2024	28	No	154	n/a	n/a	n/a	0	n/a	n/a	0.00008349	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-51	14	n/a	3/4/2024	8.4	No	153	n/a	n/a	n/a	0	n/a	n/a	0.00008465	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-53	14	n/a	3/4/2024	15	Yes	153	n/a	n/a	n/a	0	n/a	n/a	0.00008465	NP Inter (normality) 1 of 2
pH (S.U.)	GWC-29	7.1	5.52	3/4/2024	6.52	No	184	n/a	n/a	n/a	0	n/a	n/a	0.0001167	NP Inter (normality) 1 of 2
pH (S.U.)	GWC-52	7.1	5.52	3/4/2024	7.01	No	184	n/a	n/a	n/a	0	n/a	n/a	0.0001167	NP Inter (normality) 1 of 2
pH (S.U.)	GWC-53	7.1	5.52	3/4/2024	5.9	No	184	n/a	n/a	n/a	0	n/a	n/a	0.0001167	NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-51	180	n/a	3/4/2024	2.9	No	154	n/a	n/a	n/a	38.96	n/a	n/a	0.00008349	NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-52	180	n/a	3/4/2024	90	No	154	n/a	n/a	n/a	38.96	n/a	n/a	0.00008349	NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-53	180	n/a	3/4/2024	180	No	154	n/a	n/a	n/a	38.96	n/a	n/a	0.00008349	NP Inter (normality) 1 of 2

Appendix III Trend Tests Summary - Significant Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 3/28/2024, 12:25 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Calcium (mg/L)	GWA-46 (bg)	0.1484	96	92	Yes	22	0	n/a	0.01	NP
Calcium (mg/L)	GWA-47 (bg)	0.3132	123	92	Yes	22	0	n/a	0.01	NP
Calcium (mg/L)	GWC-29	1.297	182	92	Yes	22	0	n/a	0.01	NP
Calcium (mg/L)	GWC-51	0.1696	114	92	Yes	22	0	n/a	0.01	NP
Calcium (mg/L)	GWC-52	1.742	184	92	Yes	22	0	n/a	0.01	NP
Chloride (mg/L)	GWA-21 (bg)	0.1028	98	92	Yes	22	0	n/a	0.01	NP
Chloride (mg/L)	GWA-22 (bg)	-0.2417	-127	-92	Yes	22	0	n/a	0.01	NP
Chloride (mg/L)	GWA-45 (bg)	0.5219	134	92	Yes	22	0	n/a	0.01	NP
Chloride (mg/L)	GWA-46 (bg)	0.3588	181	92	Yes	22	0	n/a	0.01	NP
Chloride (mg/L)	GWC-51	0.2139	150	87	Yes	21	0	n/a	0.01	NP
Chloride (mg/L)	GWC-53	0.599	190	98	Yes	23	0	n/a	0.01	NP
pH (S.U.)	GWC-29	0.05799	186	118	Yes	26	0	n/a	0.01	NP
Sulfate (mg/L)	GWA-21 (bg)	0.1423	98	92	Yes	22	4.545	n/a	0.01	NP
Sulfate (mg/L)	GWA-45 (bg)	3.909	93	92	Yes	22	0	n/a	0.01	NP
Sulfate (mg/L)	GWC-51	0.2266	132	92	Yes	22	45.45	n/a	0.01	NP
Sulfate (mg/L)	GWC-52	9.562	211	92	Yes	22	4.545	n/a	0.01	NP
Sulfate (mg/L)	GWC-53	4.205	133	92	Yes	22	0	n/a	0.01	NP

Appendix III Trend Tests Summary - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 3/28/2024, 12:25 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Calcium (mg/L)	GWA-21 (bg)	-0.196	-64	-92	No	22	0	n/a	0.01	NP
Calcium (mg/L)	GWA-22 (bg)	0.3555	71	92	No	22	0	n/a	0.01	NP
Calcium (mg/L)	GWA-45 (bg)	-1.519	-84	-92	No	22	0	n/a	0.01	NP
Calcium (mg/L)	GWA-46 (bg)	0.1484	96	92	Yes	22	0	n/a	0.01	NP
Calcium (mg/L)	GWA-47 (bg)	0.3132	123	92	Yes	22	0	n/a	0.01	NP
Calcium (mg/L)	GWA-48 (bg)	0	10	92	No	22	0	n/a	0.01	NP
Calcium (mg/L)	GWA-49 (bg)	0	21	92	No	22	0	n/a	0.01	NP
Calcium (mg/L)	GWC-29	1.297	182	92	Yes	22	0	n/a	0.01	NP
Calcium (mg/L)	GWC-51	0.1696	114	92	Yes	22	0	n/a	0.01	NP
Calcium (mg/L)	GWC-52	1.742	184	92	Yes	22	0	n/a	0.01	NP
Chloride (mg/L)	GWA-21 (bg)	0.1028	98	92	Yes	22	0	n/a	0.01	NP
Chloride (mg/L)	GWA-22 (bg)	-0.2417	-127	-92	Yes	22	0	n/a	0.01	NP
Chloride (mg/L)	GWA-45 (bg)	0.5219	134	92	Yes	22	0	n/a	0.01	NP
Chloride (mg/L)	GWA-46 (bg)	0.3588	181	92	Yes	22	0	n/a	0.01	NP
Chloride (mg/L)	GWA-47 (bg)	0.01501	38	92	No	22	0	n/a	0.01	NP
Chloride (mg/L)	GWA-48 (bg)	0	-12	-87	No	21	0	n/a	0.01	NP
Chloride (mg/L)	GWA-49 (bg)	-0.01499	-48	-92	No	22	0	n/a	0.01	NP
Chloride (mg/L)	GWC-51	0.2139	150	87	Yes	21	0	n/a	0.01	NP
Chloride (mg/L)	GWC-53	0.599	190	98	Yes	23	0	n/a	0.01	NP
pH (S.U.)	GWA-21 (bg)	0.009645	54	105	No	24	0	n/a	0.01	NP
pH (S.U.)	GWA-22 (bg)	0.02941	79	111	No	25	0	n/a	0.01	NP
pH (S.U.)	GWA-45 (bg)	-0.0102	-62	-118	No	26	0	n/a	0.01	NP
pH (S.U.)	GWA-46 (bg)	0.006861	55	124	No	27	0	n/a	0.01	NP
pH (S.U.)	GWA-47 (bg)	0.008892	102	139	No	29	0	n/a	0.01	NP
pH (S.U.)	GWA-48 (bg)	0.01541	115	124	No	27	0	n/a	0.01	NP
pH (S.U.)	GWA-49 (bg)	0.01395	93	118	No	26	0	n/a	0.01	NP
pH (S.U.)	GWC-29	0.05799	186	118	Yes	26	0	n/a	0.01	NP
pH (S.U.)	GWC-52	0.001991	27	131	No	28	0	n/a	0.01	NP
pH (S.U.)	GWC-53	0.01165	66	118	No	26	0	n/a	0.01	NP
Sulfate (mg/L)	GWA-21 (bg)	0.1423	98	92	Yes	22	4.545	n/a	0.01	NP
Sulfate (mg/L)	GWA-22 (bg)	0	0	92	No	22	86.36	n/a	0.01	NP
Sulfate (mg/L)	GWA-45 (bg)	3.909	93	92	Yes	22	0	n/a	0.01	NP
Sulfate (mg/L)	GWA-46 (bg)	0	-5	-92	No	22	54.55	n/a	0.01	NP
Sulfate (mg/L)	GWA-47 (bg)	0	-7	-92	No	22	72.73	n/a	0.01	NP
Sulfate (mg/L)	GWA-48 (bg)	0.02874	47	92	No	22	0	n/a	0.01	NP
Sulfate (mg/L)	GWA-49 (bg)	0	-48	-92	No	22	54.55	n/a	0.01	NP
Sulfate (mg/L)	GWC-51	0.2266	132	92	Yes	22	45.45	n/a	0.01	NP
Sulfate (mg/L)	GWC-52	9.562	211	92	Yes	22	4.545	n/a	0.01	NP
Sulfate (mg/L)	GWC-53	4.205	133	92	Yes	22	0	n/a	0.01	NP

Appendix III Intrawell Prediction Limits - May 2024 Resample - All Results (No Significant)

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 6/24/2024, 10:08 AM

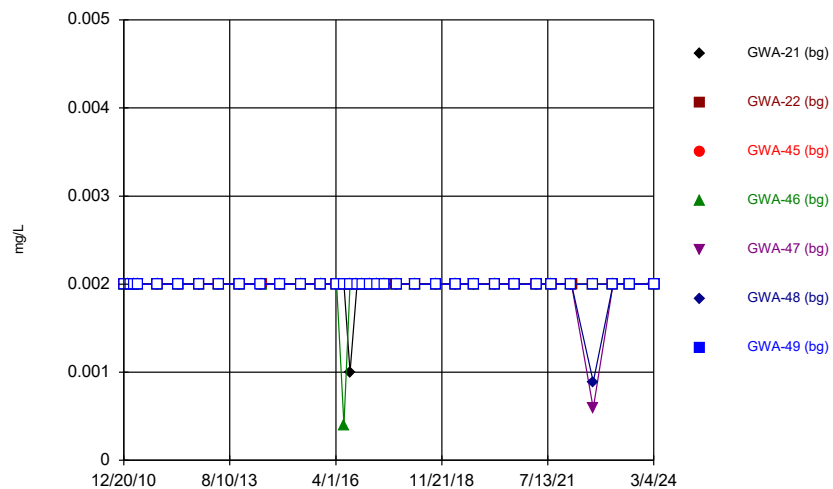
Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Chloride (mg/L)	GWC-53	13	n/a	5/20/2024	13	No	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality) 1 of 2
pH (S.U.)	GWC-53	5.752	5.445	5/20/2024	5.6	No	23	5.598	0.07608	0	None	No	0.000752	Param Intra 1 of 2

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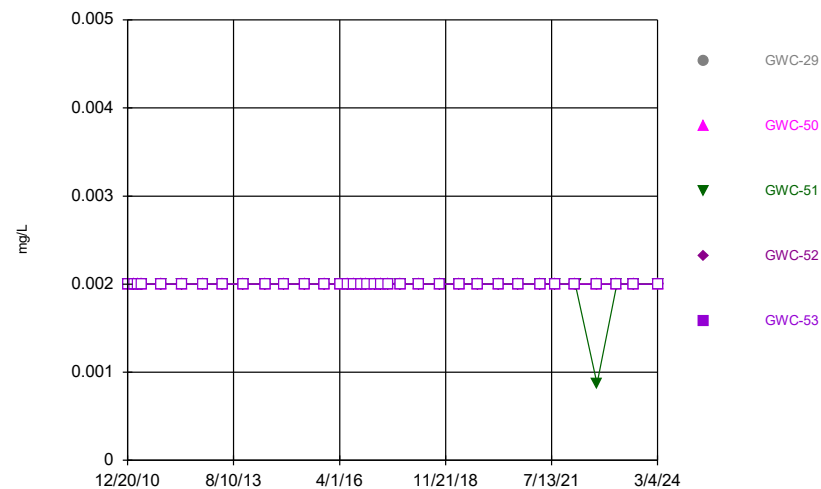
FIGURE A.

Time Series



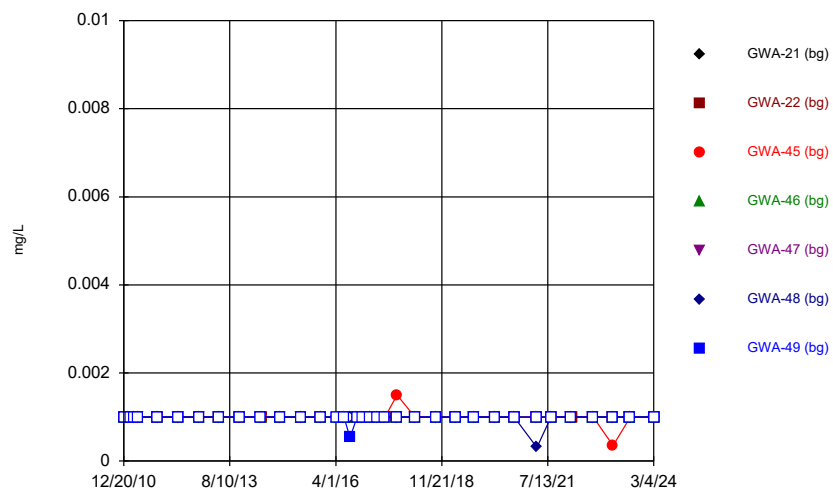
Constituent: Antimony, Total Analysis Run 6/24/2024 9:52 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



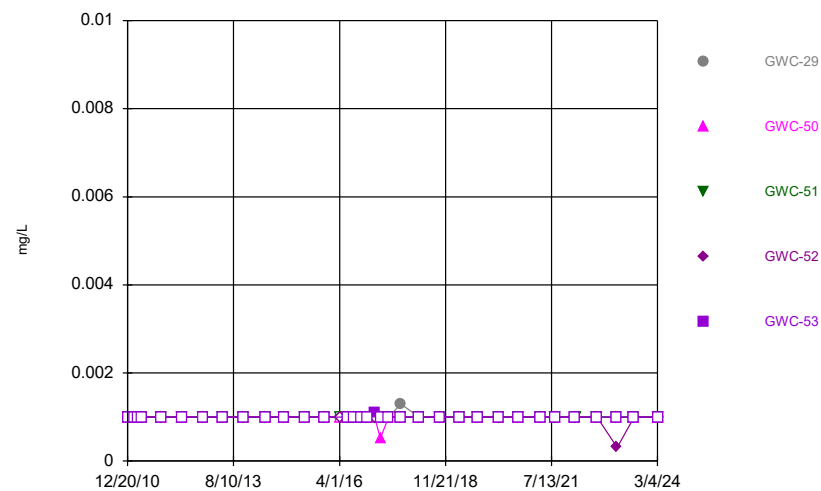
Constituent: Antimony, Total Analysis Run 6/24/2024 9:52 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



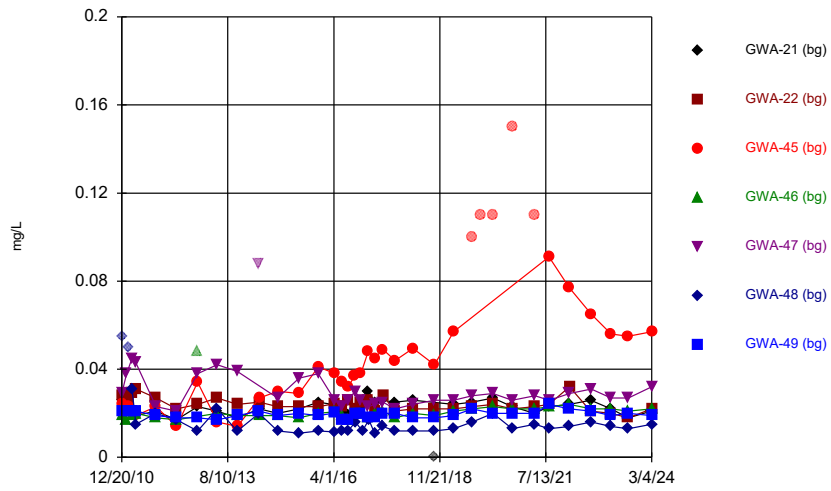
Constituent: Arsenic, Total Analysis Run 6/24/2024 9:52 AM
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Time Series



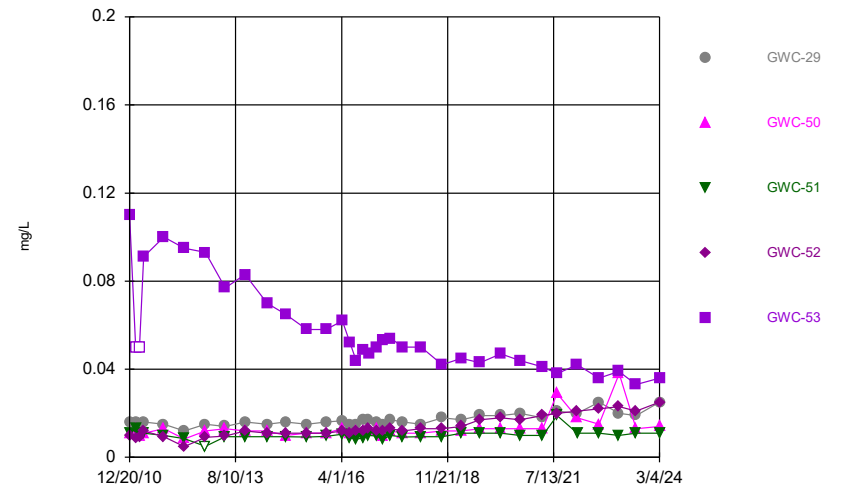
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



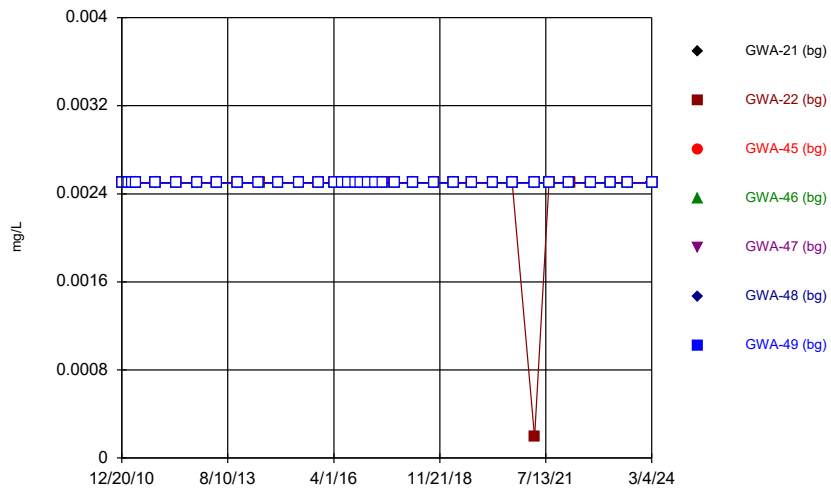
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



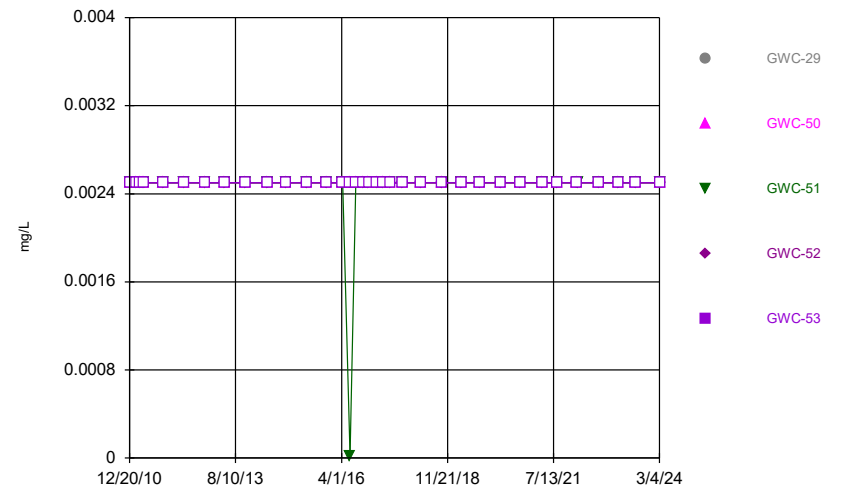
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



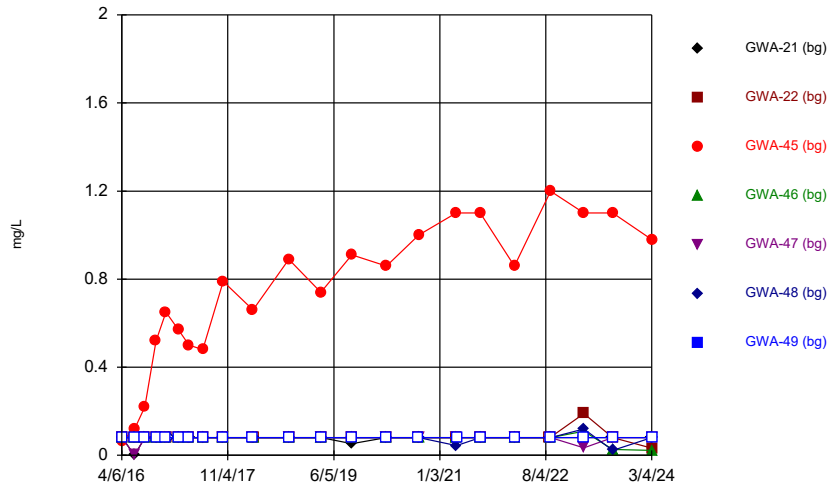
Constituent: Beryllium, Total Analysis Run 6/24/2024 9:53 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



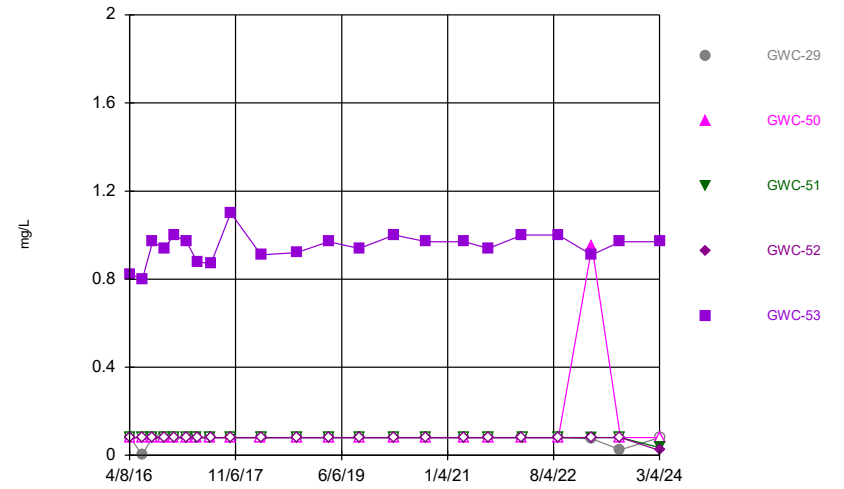
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



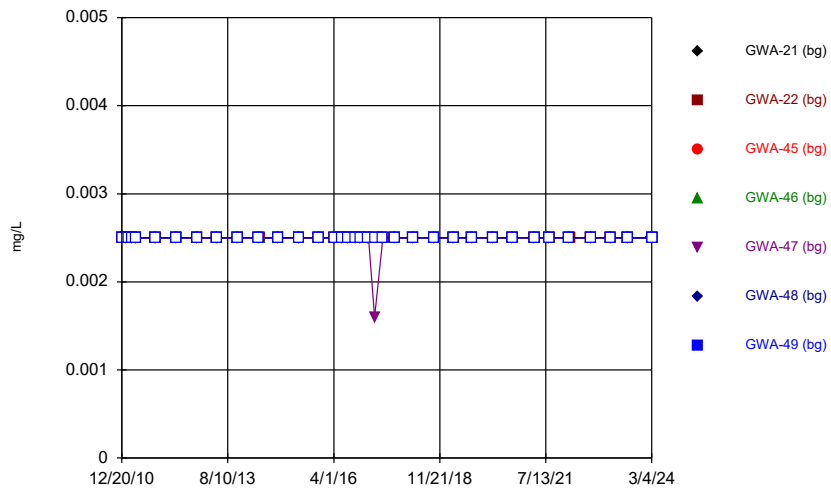
Constituent: Boron Analysis Run 6/24/2024 9:53 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



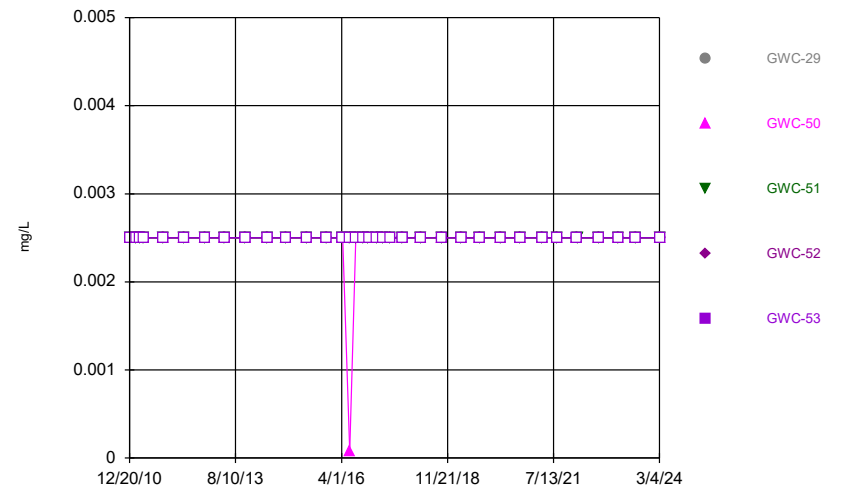
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



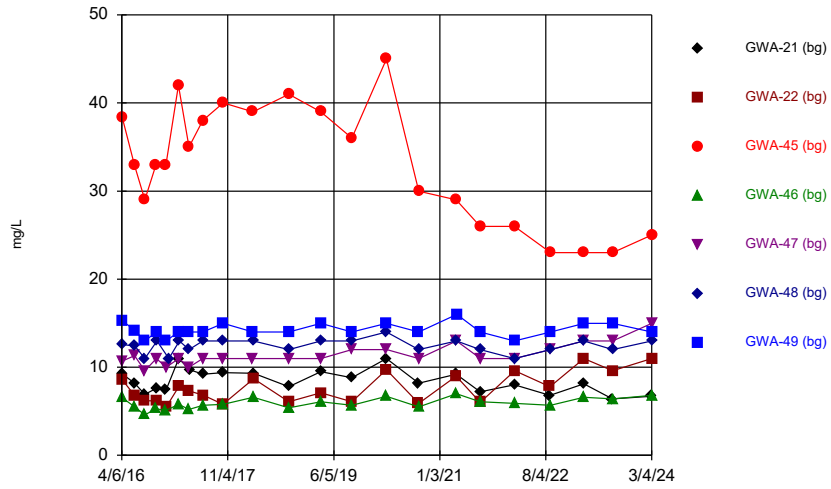
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



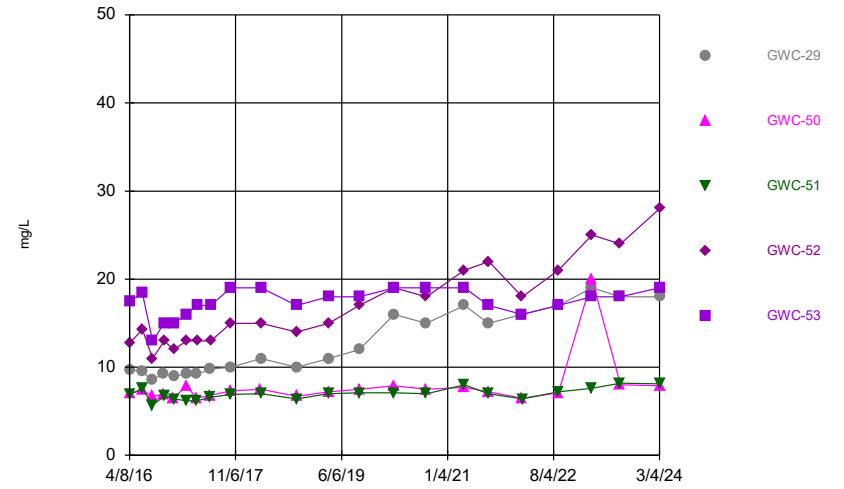
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



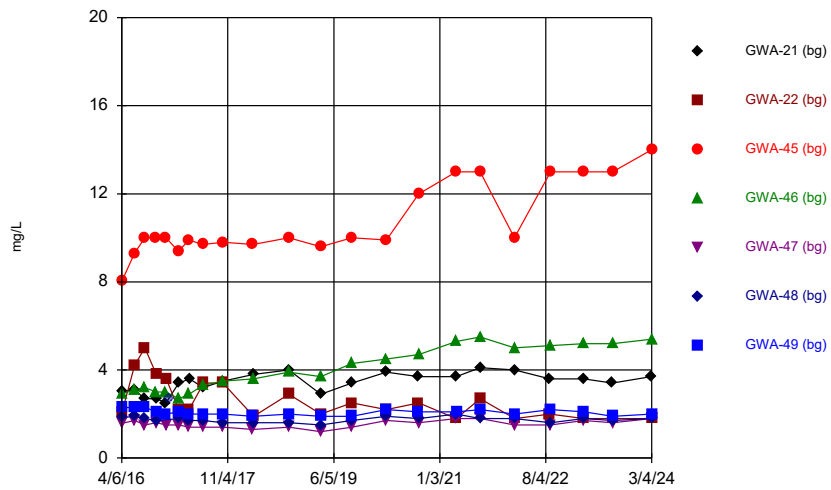
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 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



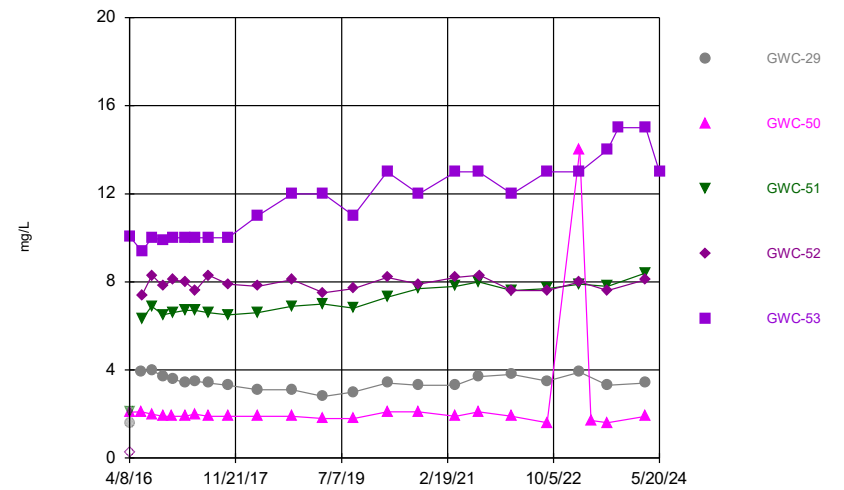
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 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



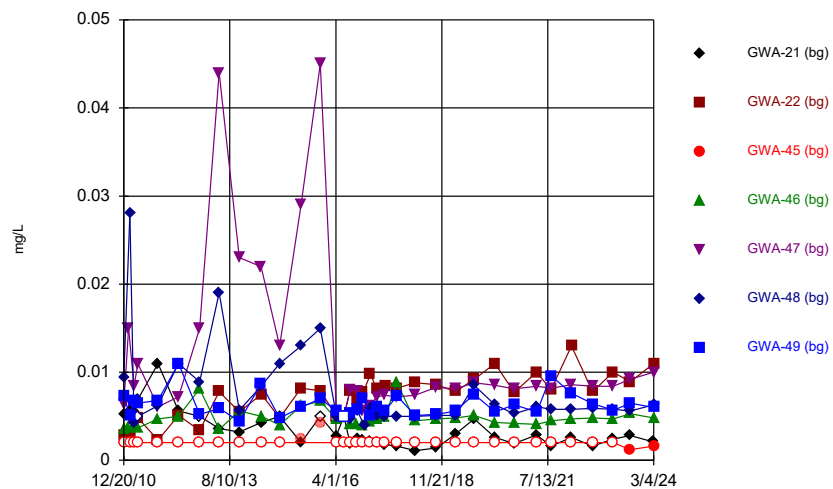
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 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



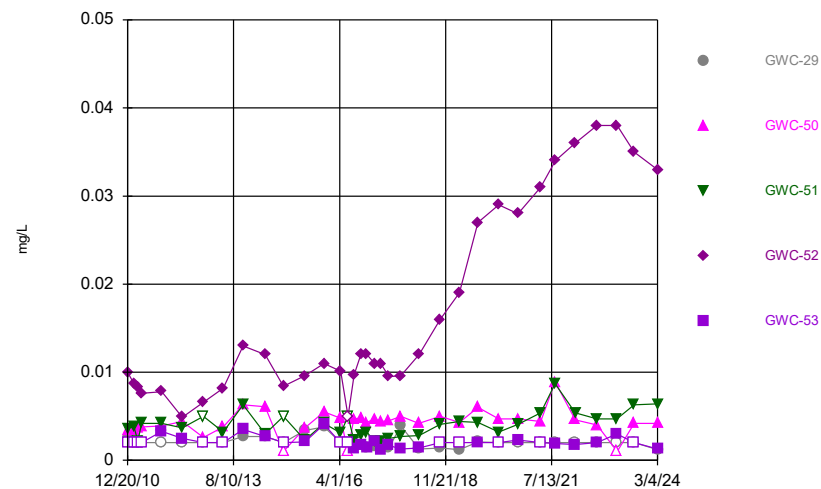
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 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



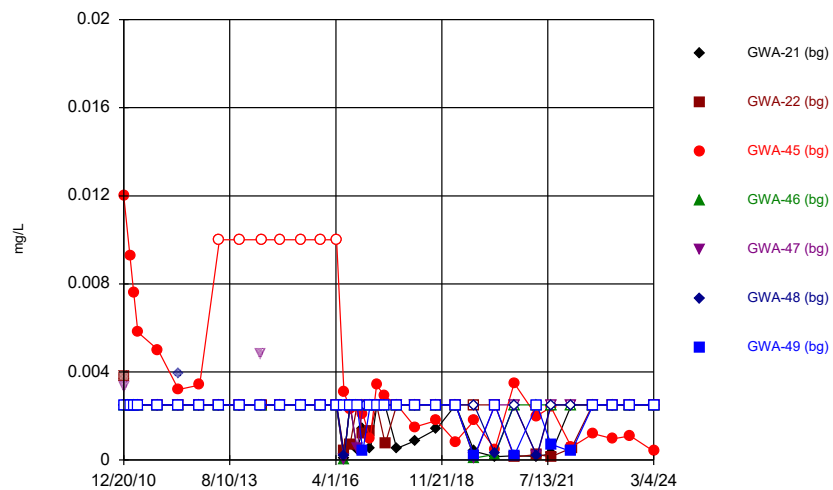
Constituent: Chromium, Total Analysis Run 6/24/2024 9:53 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



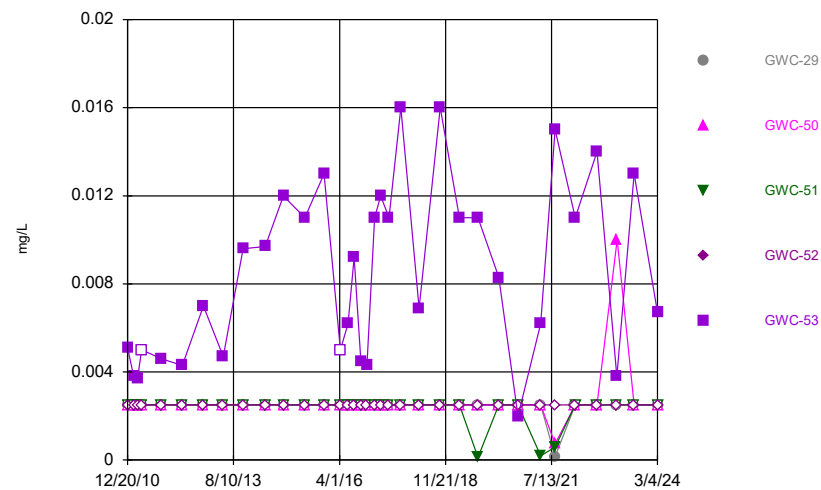
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



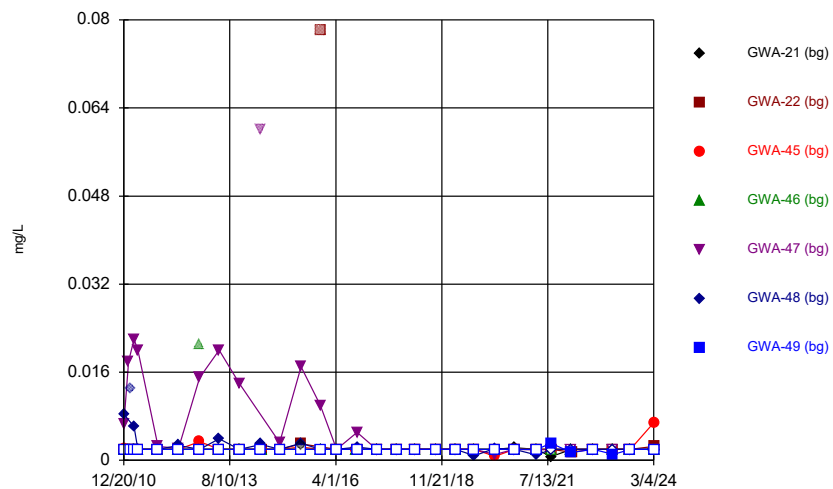
Constituent: Cobalt, Total Analysis Run 6/24/2024 9:53 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



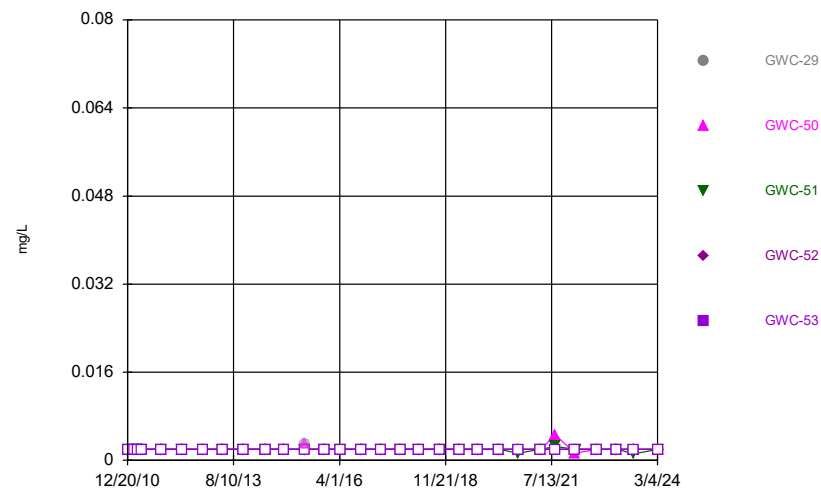
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



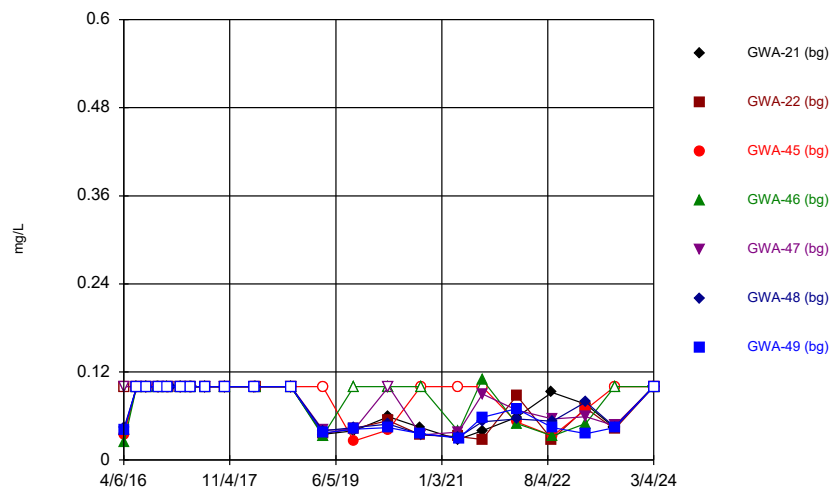
Constituent: Copper, Total Analysis Run 6/24/2024 9:53 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



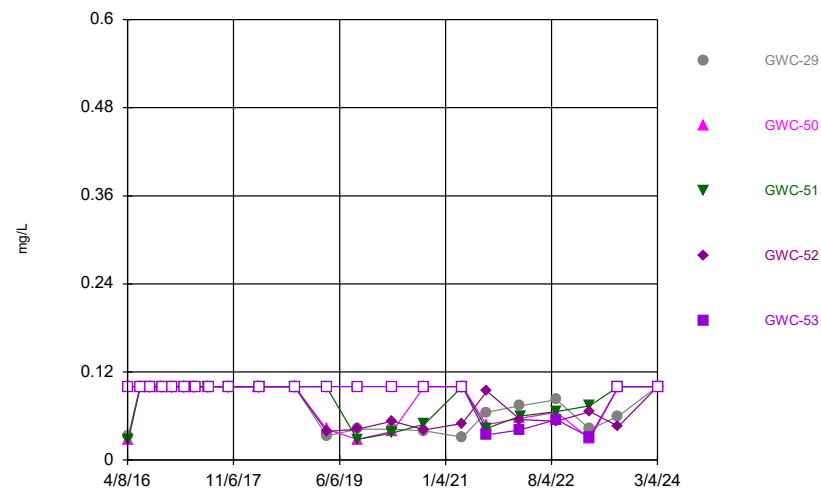
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



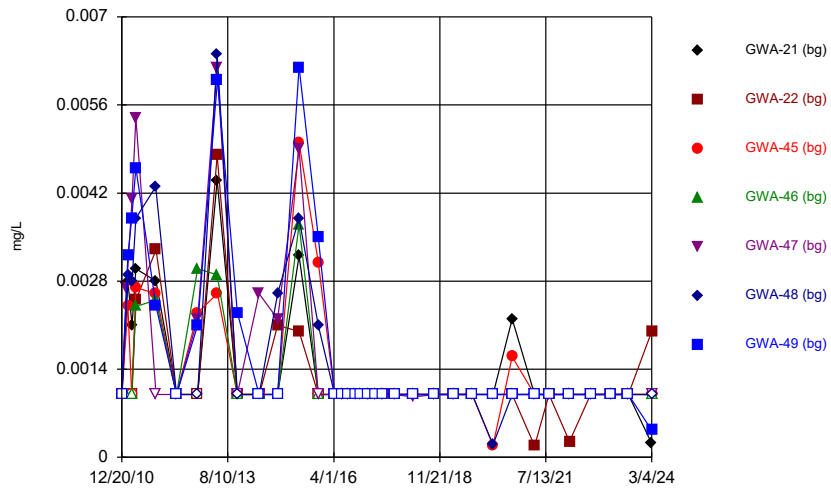
Constituent: Fluoride Analysis Run 6/24/2024 9:53 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



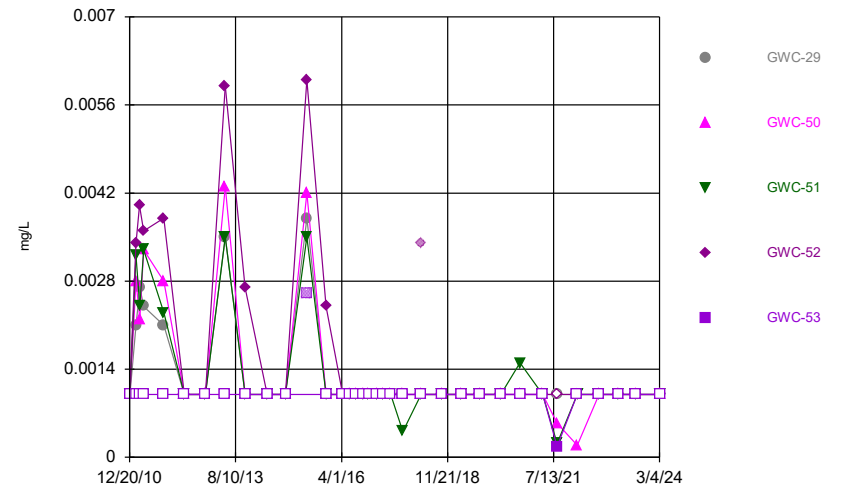
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



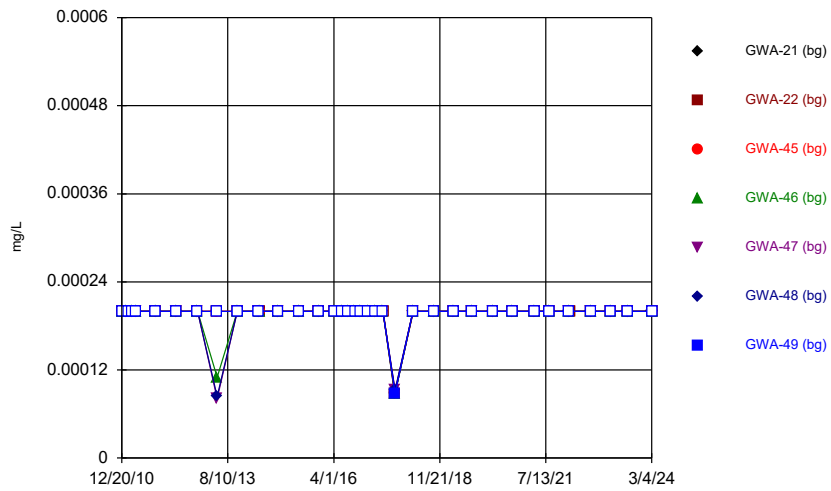
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



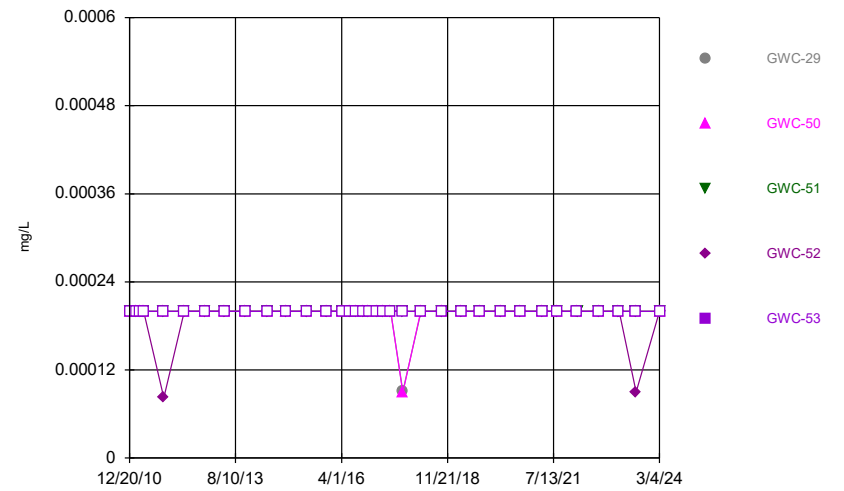
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



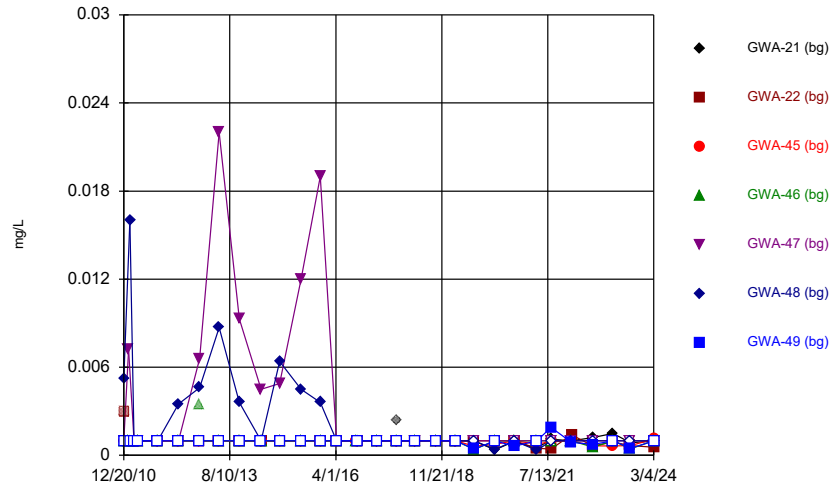
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



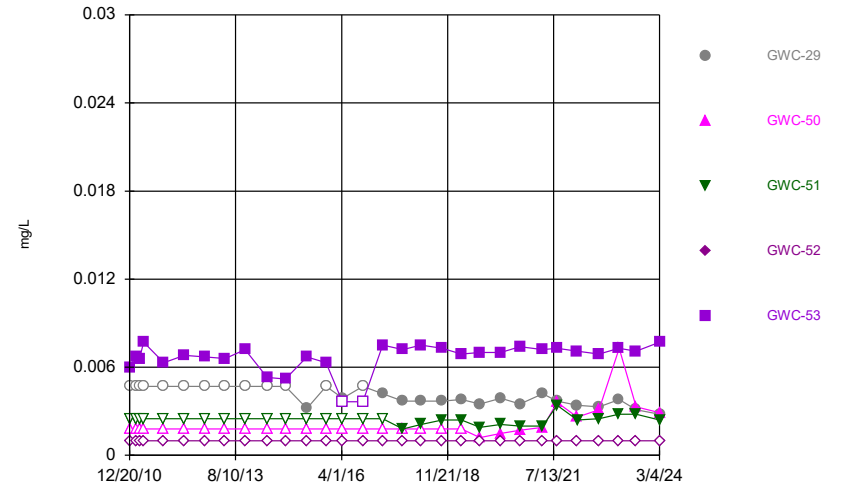
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Time Series



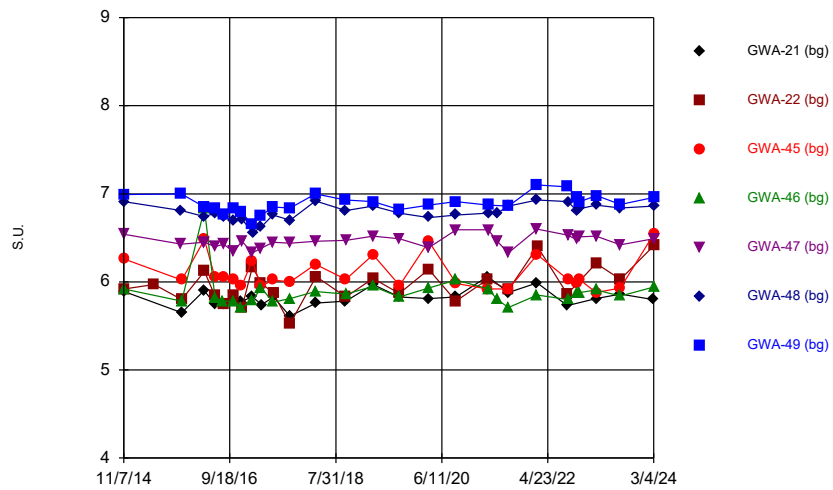
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



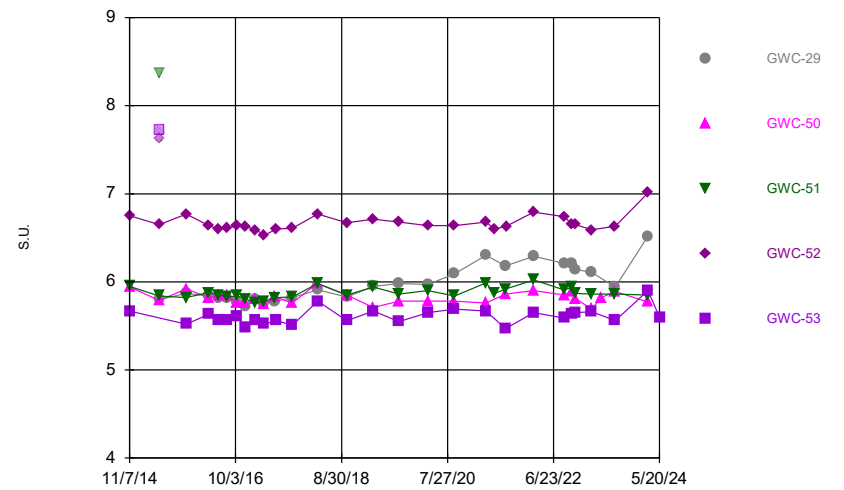
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



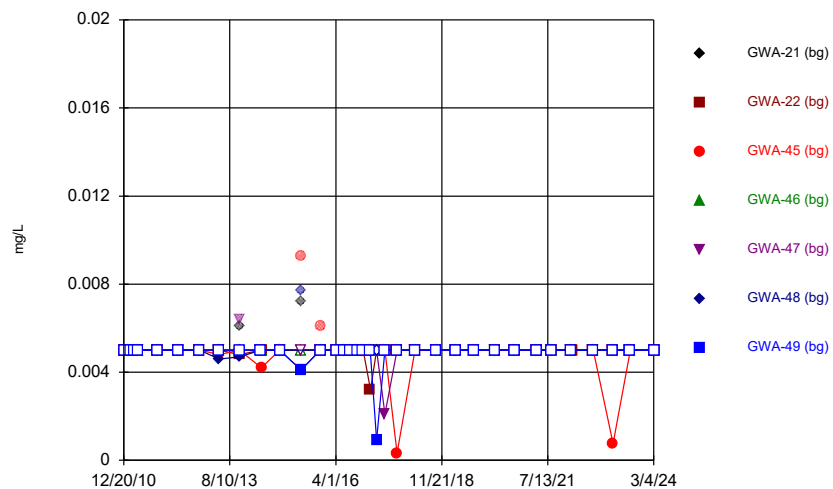
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



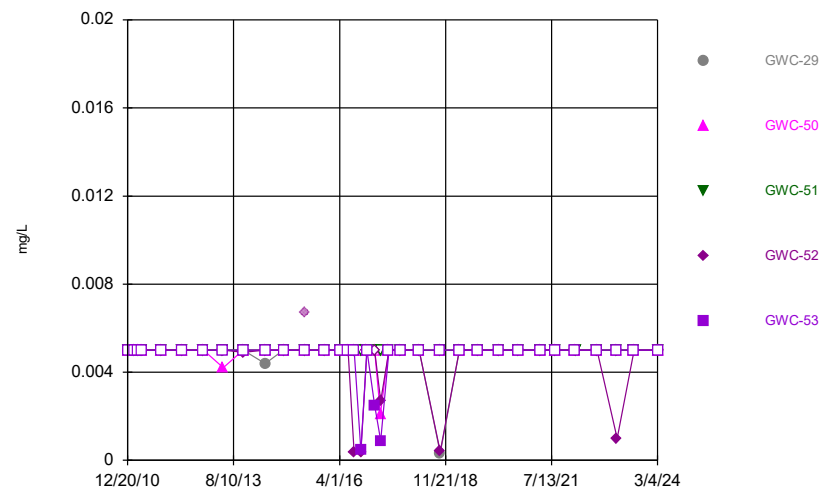
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



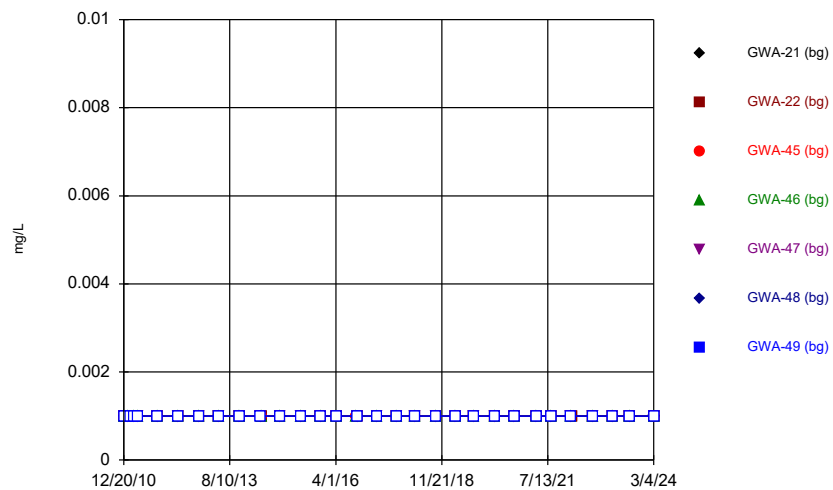
Constituent: Selenium, Total Analysis Run 6/24/2024 9:53 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



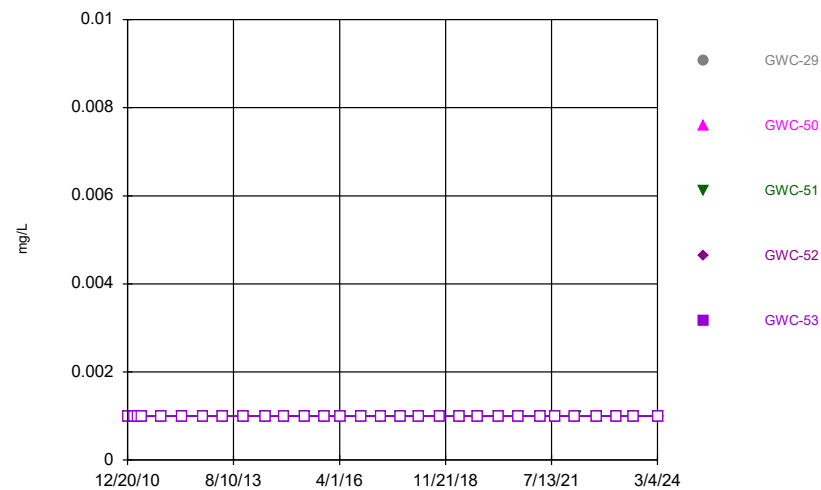
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Time Series



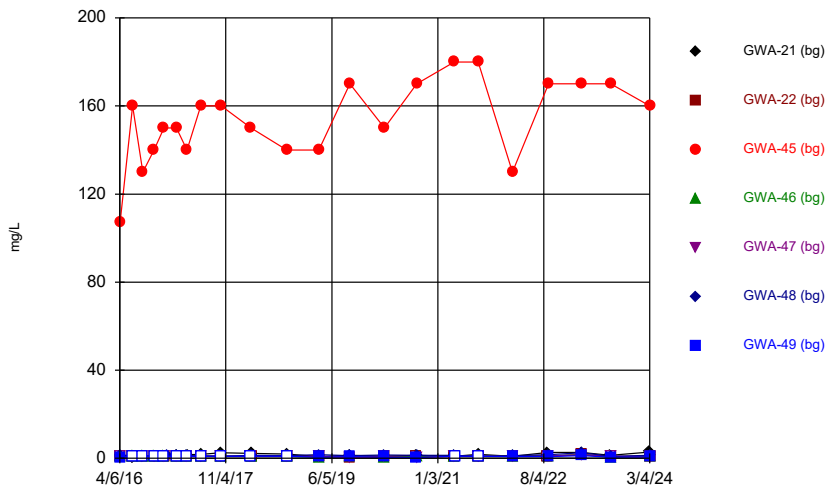
Constituent: Silver, Total Analysis Run 6/24/2024 9:53 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



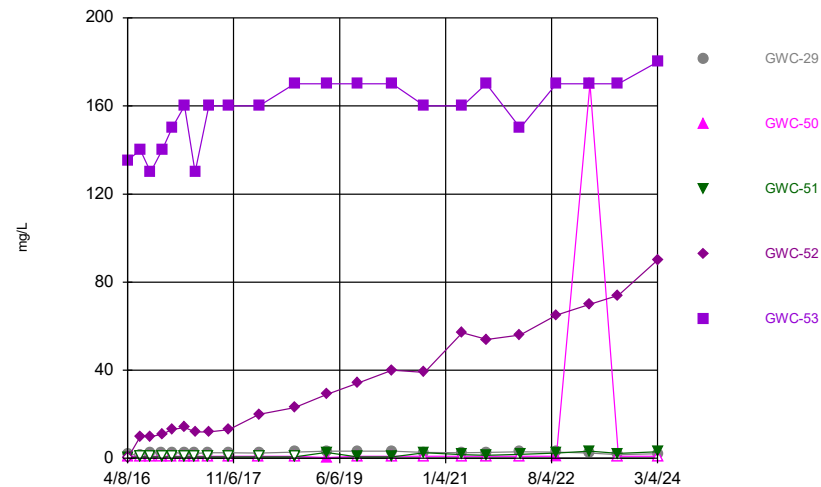
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



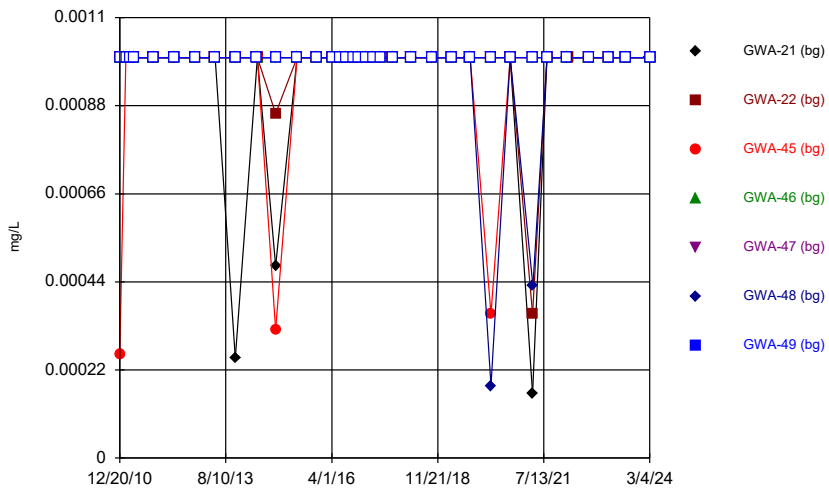
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



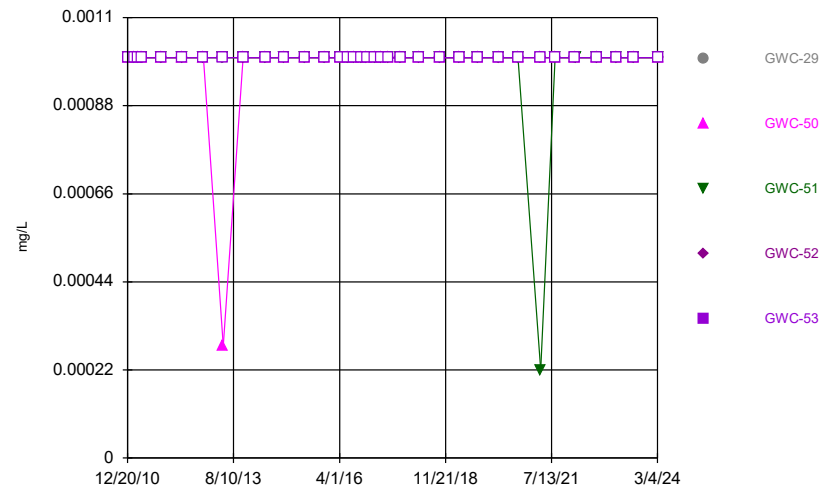
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



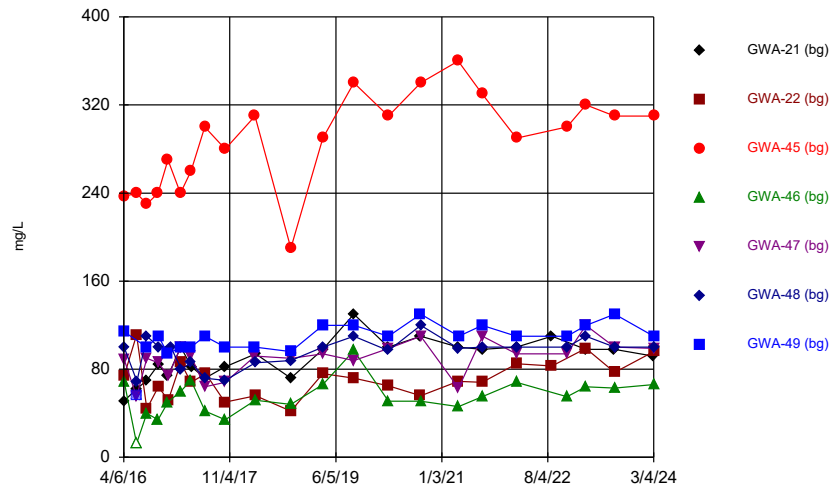
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



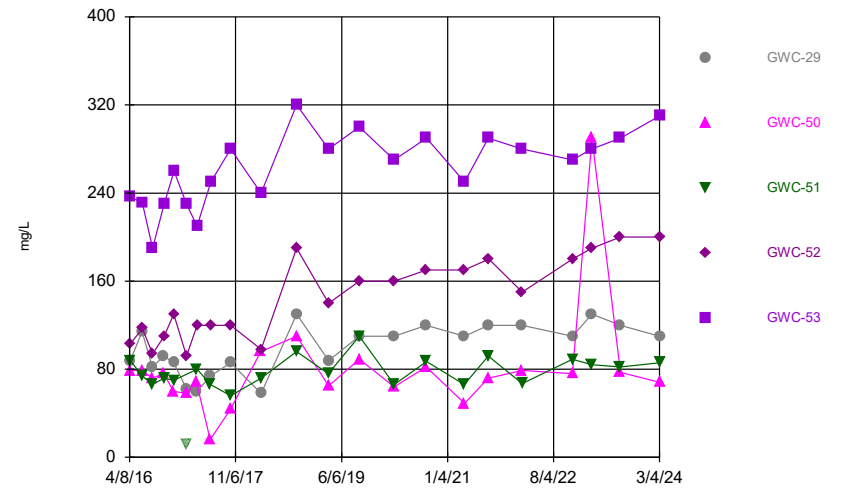
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



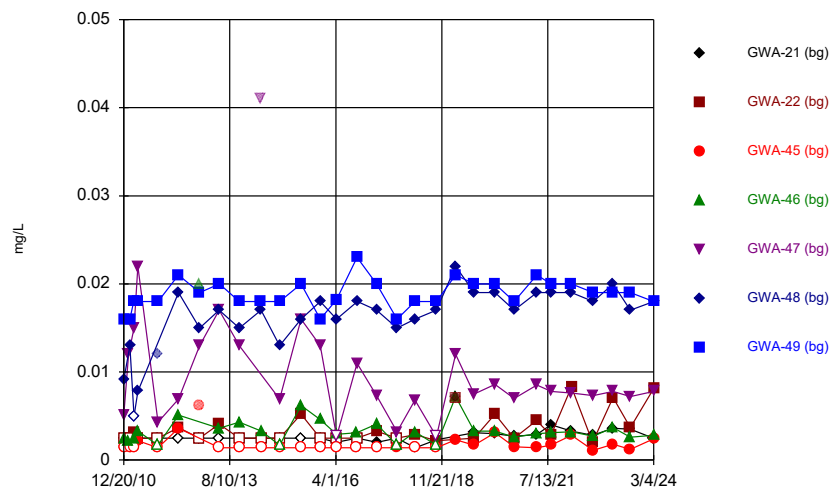
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



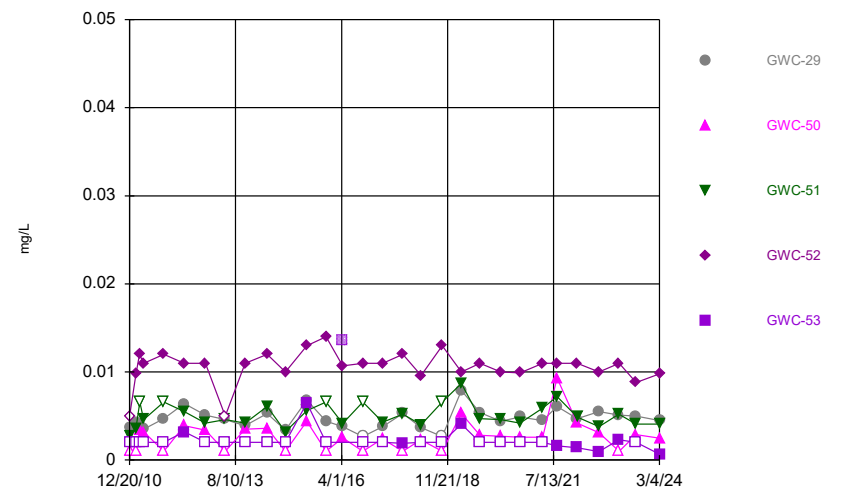
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



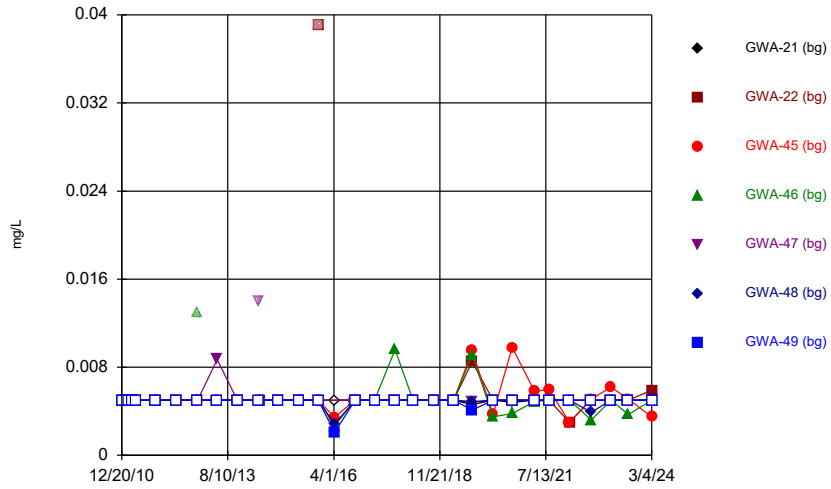
Constituent: Vanadium, Total Analysis Run 6/24/2024 9:53 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



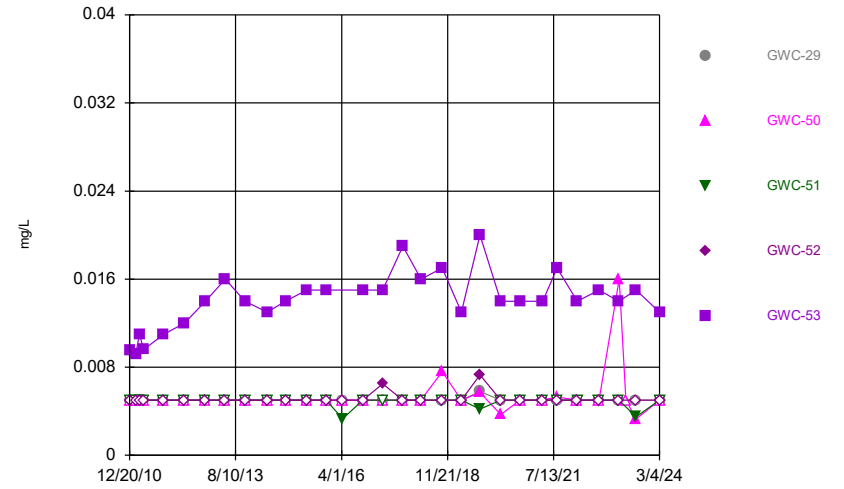
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



Constituent: Zinc, Total Analysis Run 6/24/2024 9:53 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



Constituent: Zinc, Total Analysis Run 6/24/2024 9:53 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series

Constituent: Antimony, T Total (mg/L) Analysis Run 6/24/2024 9:54 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			<0.002	<0.002	<0.002		
12/21/2010						<0.002	<0.002
12/22/2010	<0.002	<0.002					
2/1/2011				<0.002	<0.002		
2/14/2011	<0.002	<0.002	<0.002			<0.002	<0.002
3/21/2011			<0.002	<0.002			<0.002
3/22/2011	<0.002	<0.002					
3/23/2011					<0.002	<0.002	
4/26/2011	<0.002	<0.002	<0.002	<0.002			<0.002
4/27/2011					<0.002	<0.002	
10/25/2011						<0.002	
10/26/2011			<0.002		<0.002		<0.002
10/27/2011	<0.002	<0.002		<0.002			
5/1/2012	<0.002	<0.002	<0.002		<0.002	<0.002	
5/2/2012				<0.002			<0.002
11/8/2012	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
5/7/2013	<0.002	<0.002		<0.002	<0.002	<0.002	
5/8/2013			<0.002				<0.002
11/4/2013	<0.002	<0.002	<0.002	<0.002			
11/5/2013					<0.002	<0.002	<0.002
5/23/2014					<0.002	<0.002	<0.002
5/24/2014	<0.002	<0.002	<0.002	<0.002			
11/7/2014			<0.002	<0.002	<0.002	<0.002	<0.002
11/8/2014	<0.002	<0.002					
5/20/2015			<0.002	<0.002			
5/21/2015	<0.002	<0.002			<0.002	<0.002	<0.002
11/12/2015					<0.002	<0.002	<0.002
11/13/2015	<0.002	<0.002	<0.002	<0.002			
4/6/2016	<0.002						
4/7/2016			<0.002	<0.002		<0.002	<0.002
4/8/2016		<0.002 (D)			<0.002 (D)		
6/14/2016	<0.002	<0.002	<0.002	0.0004 (J)	<0.002		<0.002
6/17/2016						<0.002	
8/9/2016		<0.002	<0.002	<0.002	<0.002		<0.002
8/10/2016	0.001 (J)					<0.002	
10/10/2016			<0.002	<0.002			
10/11/2016	<0.002	<0.002			<0.002		<0.002
10/14/2016						<0.002	
12/2/2016	<0.002		<0.002	<0.002			<0.002
12/5/2016		<0.002			<0.002		
12/19/2016						<0.002	
2/9/2017			<0.002				<0.002
2/10/2017	<0.002	<0.002		<0.002	<0.002		
2/13/2017						<0.002	
4/7/2017		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
4/10/2017	<0.002						
6/22/2017			<0.002		<0.002	<0.002	<0.002
6/23/2017	<0.002			<0.002			
6/26/2017		<0.002					
10/9/2017	<0.002	<0.002					
10/10/2017			<0.002	<0.002	<0.002	<0.002	<0.002
3/22/2018			<0.002 (D)		<0.002		<0.002

Time Series

Constituent: Antimony, T Total (mg/L) Analysis Run 6/24/2024 9:54 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
3/23/2018				<0.002		<0.002	
3/26/2018	<0.002	<0.002 (D)					
10/3/2018	<0.002	<0.002	<0.002			<0.002	<0.002
10/4/2018				<0.002			
10/5/2018					<0.002		
3/27/2019	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
9/12/2019	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
3/19/2020	<0.002	<0.002	<0.002	<0.002		<0.002	<0.002
3/20/2020					<0.002		
9/10/2020	<0.002	<0.002					<0.002
9/11/2020			<0.002	<0.002	<0.002	<0.002	
4/2/2021	<0.002	<0.002	<0.002				
4/5/2021				<0.002	<0.002	<0.002	
4/6/2021							<0.002
8/12/2021	<0.002	<0.002	<0.002	<0.002		<0.002	<0.002
8/13/2021					<0.002		
2/14/2022	<0.002		<0.002	<0.002	<0.002	<0.002	<0.002
2/15/2022		<0.002					
8/26/2022	<0.002	<0.002					
8/30/2022							<0.002
8/31/2022			<0.002	<0.002	0.00059 (J)	0.00089 (J)	
2/28/2023	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	
3/1/2023							<0.002
8/2/2023	<0.002						
8/3/2023		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
2/29/2024	<0.002						
3/4/2024		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002

Time Series

Constituent: Antimony, T Total (mg/L) Analysis Run 6/24/2024 9:54 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					<0.002
12/21/2010				<0.002	
12/22/2010	<0.002	<0.002	<0.002		
2/14/2011					<0.002
2/15/2011	<0.002	<0.002	<0.002	<0.002	
3/21/2011				<0.002	<0.002
3/22/2011	<0.002	<0.002	<0.002		
4/27/2011	<0.002	<0.002	<0.002		<0.002
4/28/2011				<0.002	
10/26/2011	<0.002	<0.002	<0.002	<0.002	<0.002
5/1/2012				<0.002	<0.002
5/2/2012	<0.002	<0.002	<0.002		
11/8/2012	<0.002	<0.002	<0.002		
11/9/2012				<0.002	<0.002
5/8/2013	<0.002	<0.002	<0.002	<0.002	<0.002
11/4/2013	<0.002	<0.002	<0.002	<0.002	<0.002
5/24/2014	<0.002	<0.002	<0.002	<0.002	<0.002
11/7/2014	<0.002		<0.002	<0.002	<0.002
11/8/2014		<0.002			
5/20/2015					<0.002
5/22/2015	<0.002	<0.002	<0.002	<0.002	
11/13/2015	<0.002	<0.002	<0.002	<0.002	<0.002
4/8/2016					<0.002 (D)
4/11/2016	<0.002	<0.002	<0.002	<0.002	
6/15/2016	<0.002	<0.002			
6/16/2016			<0.002	<0.002	<0.002
8/10/2016	<0.002	<0.002	<0.002		
8/11/2016				<0.002	<0.002
10/11/2016	<0.002	<0.002			
10/13/2016			<0.002	<0.002	<0.002
12/2/2016		<0.002			
12/5/2016	<0.002		<0.002	<0.002	
12/6/2016					<0.002
2/13/2017	<0.002	<0.002	<0.002	<0.002	<0.002
4/7/2017		<0.002			
4/10/2017	<0.002		<0.002		
4/11/2017				<0.002	<0.002
6/22/2017		<0.002			
6/23/2017	<0.002		<0.002		
6/24/2017				<0.002	<0.002
10/10/2017	<0.002	<0.002			
10/11/2017			<0.002	<0.002	<0.002
3/23/2018		<0.002			
3/26/2018	<0.002		<0.002	<0.002	<0.002
10/4/2018	<0.002	<0.002	<0.002	<0.002	<0.002
3/27/2019			<0.002		
3/28/2019	<0.002	<0.002		<0.002	<0.002
9/12/2019	<0.002	<0.002	<0.002	<0.002	<0.002
3/19/2020	<0.002	<0.002	<0.002	<0.002	<0.002
9/10/2020	<0.002	<0.002			
9/11/2020			<0.002	<0.002	<0.002
4/5/2021			<0.002	<0.002	

Time Series

Constituent: Antimony, T Total (mg/L) Analysis Run 6/24/2024 9:54 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/6/2021	<0.002	<0.002			<0.002
8/13/2021	<0.002	<0.002	<0.002		<0.002
8/17/2021				<0.002	
2/14/2022	<0.002	<0.002		<0.002	<0.002
2/15/2022			<0.002		
8/31/2022	<0.002	<0.002	0.00087 (J)	<0.002	<0.002
2/28/2023			<0.002		<0.002
3/1/2023	<0.002	<0.002		<0.002	
8/3/2023	<0.002	<0.002	<0.002	<0.002	<0.002
3/4/2024	<0.002	<0.002	<0.002	<0.002	<0.002

Time Series

Constituent: Arsenic, Total (mg/L) Analysis Run 6/24/2024 9:54 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			<0.001	<0.001	<0.001		
12/21/2010						<0.001	<0.001
12/22/2010	<0.001	<0.001					
2/1/2011				<0.001	<0.001		
2/14/2011	<0.001	<0.001	<0.001			<0.001	<0.001
3/21/2011			<0.001	<0.001			<0.001
3/22/2011	<0.001	<0.001					
3/23/2011					<0.001	<0.001	
4/26/2011	<0.001	<0.001	<0.001	<0.001			<0.001
4/27/2011					<0.001	<0.001	
10/25/2011						<0.001	
10/26/2011			<0.001		<0.001		<0.001
10/27/2011	<0.001	<0.001		<0.001			
5/1/2012	<0.001	<0.001	<0.001		<0.001	<0.001	
5/2/2012				<0.001			<0.001
11/8/2012	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
5/7/2013	<0.001	<0.001		<0.001	<0.001	<0.001	
5/8/2013			<0.001				<0.001
11/4/2013	<0.001	<0.001	<0.001	<0.001			
11/5/2013					<0.001	<0.001	<0.001
5/23/2014					<0.001	<0.001	<0.001
5/24/2014	<0.001	<0.001	<0.001	<0.001			
11/7/2014			<0.001	<0.001	<0.001	<0.001	<0.001
11/8/2014	<0.001	<0.001					
5/20/2015			<0.001	<0.001			
5/21/2015	<0.001	<0.001			<0.001	<0.001	<0.001
11/12/2015					<0.001	<0.001	<0.001
11/13/2015	<0.001	<0.001	<0.001	<0.001			
4/6/2016	<0.001						
4/7/2016			<0.001	<0.001		<0.001	<0.001
6/14/2016	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001
6/17/2016						<0.001	
8/9/2016		<0.001	<0.001	<0.001	<0.001		0.00053
8/10/2016	<0.001					<0.001	
10/10/2016			<0.001	<0.001			
10/11/2016	<0.001	<0.001			<0.001		<0.001
10/14/2016						<0.001	
12/2/2016	<0.001		<0.001	<0.001			<0.001
12/5/2016		<0.001			<0.001		
12/19/2016						<0.001	
2/9/2017			<0.001				<0.001
2/10/2017	<0.001	<0.001		<0.001	<0.001		
2/13/2017						<0.001	
4/7/2017		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4/10/2017	<0.001						
6/22/2017			<0.001		<0.001	<0.001	<0.001
6/23/2017	<0.001			<0.001			
6/26/2017		<0.001					
10/9/2017	<0.001	<0.001					
10/10/2017			0.0015	<0.001	<0.001	<0.001	<0.001
3/22/2018			<0.001 (D)		<0.001		<0.001
3/23/2018				<0.001		<0.001	

Time Series

Constituent: Arsenic, Total (mg/L) Analysis Run 6/24/2024 9:54 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
3/26/2018	<0.001	<0.001 (D)					
10/3/2018	<0.001	<0.001	<0.001			<0.001	<0.001
10/4/2018				<0.001			
10/5/2018					<0.001		
3/27/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
9/12/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
3/19/2020	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001
3/20/2020					<0.001		
9/10/2020	<0.001	<0.001					<0.001
9/11/2020			<0.001	<0.001	<0.001	<0.001	
4/2/2021	<0.001	<0.001	<0.001				
4/5/2021				<0.001	<0.001	0.00031 (J)	
4/6/2021							<0.001
8/12/2021	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001
8/13/2021					<0.001		
2/14/2022	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001
2/15/2022		<0.001					
8/26/2022	<0.001	<0.001					
8/30/2022							<0.001
8/31/2022			<0.001	<0.001	<0.001	<0.001	
2/28/2023	<0.001	<0.001	0.00035 (J)	<0.001	<0.001	<0.001	
3/1/2023							<0.001
8/2/2023	<0.001						
8/3/2023		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2/29/2024	<0.001						
3/4/2024		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001

Time Series

Constituent: Arsenic, Total (mg/L) Analysis Run 6/24/2024 9:54 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					<0.001
12/21/2010				<0.001	
12/22/2010	<0.001	<0.001	<0.001		
2/14/2011					<0.001
2/15/2011	<0.001	<0.001	<0.001	<0.001	
3/21/2011				<0.001	<0.001
3/22/2011	<0.001	<0.001	<0.001		
4/27/2011	<0.001	<0.001	<0.001		<0.001
4/28/2011				<0.001	
10/26/2011	<0.001	<0.001	<0.001	<0.001	<0.001
5/1/2012				<0.001	<0.001
5/2/2012	<0.001	<0.001	<0.001		
11/8/2012	<0.001	<0.001	<0.001		
11/9/2012				<0.001	<0.001
5/8/2013	<0.001	<0.001	<0.001	<0.001	<0.001
11/4/2013	<0.001	<0.001	<0.001	<0.001	<0.001
5/24/2014	<0.001	<0.001	<0.001	<0.001	<0.001
11/7/2014	<0.001		<0.001	<0.001	<0.001
11/8/2014		<0.001			
5/20/2015					<0.001
5/22/2015	<0.001	<0.001	<0.001	<0.001	
11/13/2015	<0.001	<0.001	<0.001	<0.001	<0.001
4/11/2016	<0.001	<0.001	<0.001	<0.001	
6/15/2016	<0.001	<0.001			
6/16/2016			<0.001	<0.001	<0.001
8/10/2016	<0.001	<0.001	<0.001		
8/11/2016				<0.001	<0.001
10/11/2016	<0.001	<0.001			
10/13/2016			<0.001	<0.001	<0.001
12/2/2016		<0.001			
12/5/2016	<0.001		<0.001	<0.001	
12/6/2016					<0.001
2/13/2017	<0.001	<0.001	<0.001	<0.001	0.0011
4/7/2017		0.00052			
4/10/2017	<0.001		<0.001		
4/11/2017				<0.001	<0.001
6/22/2017		<0.001			
6/23/2017	<0.001		<0.001		
6/24/2017				<0.001	<0.001
10/10/2017	0.0013	<0.001			
10/11/2017			<0.001	<0.001	<0.001
3/23/2018		<0.001			
3/26/2018	<0.001		<0.001	<0.001	<0.001
10/4/2018	<0.001	<0.001	<0.001	<0.001	<0.001
3/27/2019			<0.001		
3/28/2019	<0.001	<0.001		<0.001	<0.001
9/12/2019	<0.001	<0.001	<0.001	<0.001	<0.001
3/19/2020	<0.001	<0.001	<0.001	<0.001	<0.001
9/10/2020	<0.001	<0.001			
9/11/2020			<0.001	<0.001	<0.001
4/5/2021			<0.001	<0.001	
4/6/2021	<0.001	<0.001			<0.001

Time Series

Constituent: Arsenic, Total (mg/L) Analysis Run 6/24/2024 9:54 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
8/13/2021	<0.001	<0.001	<0.001		<0.001
8/17/2021				<0.001	
2/14/2022	<0.001	<0.001		<0.001	<0.001
2/15/2022			<0.001		
8/31/2022	<0.001	<0.001	<0.001	<0.001	<0.001
2/28/2023			<0.001		<0.001
3/1/2023	<0.001	<0.001		0.00031 (J)	
8/3/2023	<0.001	<0.001	<0.001	<0.001	<0.001
3/4/2024	<0.001	<0.001	<0.001	<0.001	<0.001

Time Series

Constituent: Barium, Total (mg/L) Analysis Run 6/24/2024 9:54 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			0.024 (J)	0.019 (J)	0.029 (J)		
12/21/2010						0.055 (O)	0.021 (J)
12/22/2010	0.026 (J)	0.028 (J)					
2/1/2011				0.017 (J)	0.038 (J)		
2/14/2011	0.022 (J)	0.025 (J)	0.023 (J)			0.05 (O)	0.021 (J)
3/21/2011			0.021 (J)	0.019 (J)			0.021 (J)
3/22/2011	0.02 (J)	0.029 (J)					
3/23/2011					0.045 (J)	0.031 (J)	
4/26/2011	0.019 (J)	0.031 (J)	0.019 (J)	0.02 (J)			0.021 (J)
4/27/2011					0.043 (J)	0.015 (J)	
10/25/2011						0.02	
10/26/2011			0.023		0.023		0.019
10/27/2011	0.021	0.027		0.018			
5/1/2012	0.017	0.022	0.014		0.021	0.017	
5/2/2012				0.017			0.018
11/8/2012	0.023	0.024	0.034	0.048 (O)	0.038	0.012	0.018
5/7/2013	0.021	0.027		0.02	0.042	0.022	
5/8/2013			0.016				0.017
11/4/2013	0.018	0.024	0.014	0.019			
11/5/2013					0.039	0.012	0.019
5/23/2014					0.088 (O)	0.02	0.021
5/24/2014	0.022	0.025	0.027	0.019			
11/7/2014			0.03	0.019	0.027	0.012	0.019
11/8/2014	0.02	0.023					
5/20/2015			0.029	0.018			
5/21/2015	0.022	0.023			0.036	0.011	0.02
11/12/2015					0.038	0.012	0.019
11/13/2015	0.025	0.023	0.041	0.02			
4/6/2016	0.0239						
4/7/2016			0.0381	0.0207		0.0116	0.0201
4/8/2016		0.0244			0.0261		
6/14/2016	0.021	0.023	0.034	0.019	0.023		0.017
6/17/2016						0.012	
8/9/2016		0.026	0.032	0.017	0.026		0.017
8/10/2016	0.019					0.012	
10/10/2016			0.037	0.02			
10/11/2016	0.02	0.022			0.03		0.02
10/14/2016						0.016	
12/2/2016	0.022		0.038	0.02			0.02
12/5/2016		0.025			0.026		
12/19/2016						0.012	
2/9/2017			0.048				0.018
2/10/2017	0.03	0.026		0.018	0.023		
2/13/2017						0.017	
4/7/2017		0.021	0.045	0.02	0.024	0.011	0.018
4/10/2017	0.025						
6/22/2017			0.049		0.025	0.014	0.02
6/23/2017	0.026			0.021			
6/26/2017		0.028					
10/9/2017	0.025	0.021					
10/10/2017			0.044	0.018	0.022	0.012	0.02
3/22/2018			0.0495 (D)		0.024		0.018

Time Series

Constituent: Barium, Total (mg/L) Analysis Run 6/24/2024 9:54 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
3/23/2018				0.02		0.012	
3/26/2018	0.026	0.022 (D)					
10/3/2018	0.00049 (O)	0.022	0.042			0.012	0.018
10/4/2018				0.019			
10/5/2018					0.026		
3/27/2019	0.024	0.022	0.057	0.021	0.026	0.013	0.019
9/12/2019	0.025	0.023	0.1 (L)	0.022	0.028	0.016	0.022
12/2/2019			0.11 (RL)				
3/19/2020	0.027	0.024	0.11 (L)	0.023		0.02	0.02
3/20/2020					0.029		
9/10/2020	0.023	0.022					0.02
9/11/2020			0.15 (L)	0.022	0.026	0.013	
4/2/2021	0.02	0.023	0.11 (L)				
4/5/2021				0.022	0.028	0.015	
4/6/2021							0.02
8/12/2021	0.023	0.024	0.091	0.023		0.013	0.024
8/13/2021					0.026		
2/14/2022	0.024		0.077	0.024	0.029	0.014	0.022
2/15/2022		0.032					
8/26/2022	0.026	0.021					
8/30/2022							0.021
8/31/2022			0.065	0.022	0.031	0.016	
2/28/2023	0.022	0.02	0.056	0.022	0.027	0.014	
3/1/2023							0.019
8/2/2023	0.018						
8/3/2023		0.018	0.055	0.021	0.027	0.013	0.02
2/29/2024	0.021						
3/4/2024		0.022	0.057	0.022	0.032	0.015	0.019

Time Series

Constituent: Barium, Total (mg/L) Analysis Run 6/24/2024 9:54 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					0.11
12/21/2010				0.01 (J)	
12/22/2010	0.016 (J)	0.011 (J)	0.011 (J)		
2/14/2011					<0.1
2/15/2011	0.016 (J)	0.013 (J)	0.013 (J)	0.0086 (J)	
3/21/2011				0.009 (J)	<0.1
3/22/2011	0.014 (J)	0.01 (J)	0.01 (J)		
4/27/2011	0.016 (J)	0.011 (J)	0.011 (J)		0.091 (J)
4/28/2011				0.012 (J)	
10/26/2011	0.015	0.013	0.0099 (J)	0.0093 (J)	0.1
5/1/2012				0.0048 (J)	0.095
5/2/2012	0.012	0.0084 (J)	0.0085 (J)		
11/8/2012	0.015	0.012	<0.01		
11/9/2012				0.0091 (J)	0.093
5/8/2013	0.014	0.013	0.0094 (J)	0.0096 (J)	0.077
11/4/2013	0.016	0.012	0.0094 (J)	0.012	0.083
5/24/2014	0.015	0.012	0.0094 (J)	0.011	0.07
11/7/2014	0.016		0.0094 (J)	0.011	0.065
11/8/2014		0.01			
5/20/2015					0.058
5/22/2015	0.015	0.011	0.0092 (J)	0.011	
11/13/2015	0.016	0.011	0.0095 (J)	0.011	0.058
4/8/2016					0.0619
4/11/2016	0.0167	0.0132	0.0105	0.012	
6/15/2016	0.015	0.011			
6/16/2016			0.0089 (J)	0.011	0.052
8/10/2016	0.015	0.012	0.0082		
8/11/2016				0.012	0.044
10/11/2016	0.017	0.012			
10/13/2016			0.0088	0.012	0.049
12/2/2016		0.012			
12/5/2016	0.017		0.01	0.013	
12/6/2016					0.047
2/13/2017	0.016	0.013	0.0097	0.012	0.05
4/7/2017		0.01			
4/10/2017	0.015		0.0082		
4/11/2017				0.012	0.053
6/22/2017		0.012			
6/23/2017	0.017		0.01		
6/24/2017				0.013	0.054
10/10/2017	0.016	0.011			
10/11/2017			0.0092	0.012	0.05
3/23/2018		0.011			
3/26/2018	0.015		0.0094	0.013	0.05
10/4/2018	0.018	0.012	0.0093	0.013	0.042
3/27/2019			0.011		
3/28/2019	0.017	0.012		0.014	0.045
9/12/2019	0.019	0.013	0.011	0.017	0.043
3/19/2020	0.019	0.013	0.011	0.018	0.047
9/10/2020	0.02	0.013			
9/11/2020			0.01	0.017	0.044
4/5/2021			0.01	0.019	

Time Series

Constituent: Barium, Total (mg/L) Analysis Run 6/24/2024 9:54 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/6/2021	0.018	0.013			0.041
8/13/2021	0.021	0.029	0.019		0.038
8/17/2021				0.02	
2/14/2022	0.02	0.018		0.021	0.042
2/15/2022			0.011		
8/31/2022	0.025	0.015	0.011	0.022	0.036
2/28/2023			0.01		0.039
3/1/2023	0.02	0.038		0.023	
8/3/2023	0.019	0.013	0.011	0.021	0.033
3/4/2024	0.025	0.014	0.011	0.025	0.036

Time Series

Constituent: Beryllium, T Total (mg/L) Analysis Run 6/24/2024 9:54 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			<0.0025	<0.0025	<0.0025		
12/21/2010						<0.0025	<0.0025
12/22/2010	<0.0025	<0.0025					
2/1/2011				<0.0025	<0.0025		
2/14/2011	<0.0025	<0.0025	<0.0025			<0.0025	<0.0025
3/21/2011			<0.0025	<0.0025			<0.0025
3/22/2011	<0.0025	<0.0025					
3/23/2011					<0.0025	<0.0025	
4/26/2011	<0.0025	<0.0025	<0.0025	<0.0025			<0.0025
4/27/2011					<0.0025	<0.0025	
10/25/2011						<0.0025	
10/26/2011			<0.0025		<0.0025		<0.0025
10/27/2011	<0.0025	<0.0025		<0.0025			
5/1/2012	<0.0025	<0.0025	<0.0025		<0.0025	<0.0025	
5/2/2012				<0.0025			<0.0025
11/8/2012	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
5/7/2013	<0.0025	<0.0025		<0.0025	<0.0025	<0.0025	
5/8/2013			<0.0025				<0.0025
11/4/2013	<0.0025	<0.0025	<0.0025	<0.0025			
11/5/2013					<0.0025	<0.0025	<0.0025
5/23/2014					<0.0025	<0.0025	<0.0025
5/24/2014	<0.0025	<0.0025	<0.0025	<0.0025			
11/7/2014			<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
11/8/2014	<0.0025	<0.0025					
5/20/2015			<0.0025	<0.0025			
5/21/2015	<0.0025	<0.0025			<0.0025	<0.0025	<0.0025
11/12/2015					<0.0025	<0.0025	<0.0025
11/13/2015	<0.0025	<0.0025	<0.0025	<0.0025			
4/6/2016	<0.0025						
4/7/2016			<0.0025	<0.0025		<0.0025	<0.0025
4/8/2016		<0.0025			<0.0025		
6/14/2016	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025		<0.0025
6/17/2016						<0.0025	
8/9/2016		<0.0025	<0.0025	<0.0025	<0.0025		<0.0025
8/10/2016	<0.0025					<0.0025	
10/10/2016			<0.0025	<0.0025			
10/11/2016	<0.0025	<0.0025			<0.0025		<0.0025
10/14/2016						<0.0025	
12/2/2016	<0.0025		<0.0025	<0.0025			<0.0025
12/5/2016		<0.0025			<0.0025		
12/19/2016						<0.0025	
2/9/2017			<0.0025				<0.0025
2/10/2017	<0.0025	<0.0025		<0.0025	<0.0025		
2/13/2017						<0.0025	
4/7/2017		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
4/10/2017	<0.0025						
6/22/2017			<0.0025		<0.0025	<0.0025	<0.0025
6/23/2017	<0.0025			<0.0025			
6/26/2017		<0.0025					
10/9/2017	<0.0025	<0.0025					
10/10/2017			<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/22/2018			<0.0025 (D)		<0.0025		<0.0025

Time Series

Constituent: Beryllium, T Total (mg/L) Analysis Run 6/24/2024 9:54 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
3/23/2018				<0.0025		<0.0025	
3/26/2018	<0.0025	<0.0025 (D)					
10/3/2018	<0.0025	<0.0025	<0.0025			<0.0025	<0.0025
10/4/2018				<0.0025			
10/5/2018					<0.0025		
3/27/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
9/12/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/19/2020	<0.0025	<0.0025	<0.0025	<0.0025		<0.0025	<0.0025
3/20/2020					<0.0025		
9/10/2020	<0.0025	<0.0025					<0.0025
9/11/2020			<0.0025	<0.0025	<0.0025	<0.0025	
4/2/2021	<0.0025	0.00019 (J)	<0.0025				
4/5/2021				<0.0025	<0.0025	<0.0025	
4/6/2021							<0.0025
8/12/2021	<0.0025	<0.0025	<0.0025	<0.0025		<0.0025	<0.0025
8/13/2021					<0.0025		
2/14/2022	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
2/15/2022		<0.0025					
8/26/2022	<0.0025	<0.0025					
8/30/2022							<0.0025
8/31/2022			<0.0025	<0.0025	<0.0025	<0.0025	
2/28/2023	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	
3/1/2023							<0.0025
8/2/2023	<0.0025						
8/3/2023		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
2/29/2024	<0.0025						
3/4/2024		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025

Time Series

Constituent: Beryllium, T Total (mg/L) Analysis Run 6/24/2024 9:54 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					<0.0025
12/21/2010				<0.0025	
12/22/2010	<0.0025	<0.0025	<0.0025		
2/14/2011					<0.0025
2/15/2011	<0.0025	<0.0025	<0.0025	<0.0025	
3/21/2011				<0.0025	<0.0025
3/22/2011	<0.0025	<0.0025	<0.0025		
4/27/2011	<0.0025	<0.0025	<0.0025		<0.0025
4/28/2011				<0.0025	
10/26/2011	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
5/1/2012				<0.0025	<0.0025
5/2/2012	<0.0025	<0.0025	<0.0025		
11/8/2012	<0.0025	<0.0025	<0.0025		
11/9/2012				<0.0025	<0.0025
5/8/2013	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
11/4/2013	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
5/24/2014	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
11/7/2014	<0.0025		<0.0025	<0.0025	<0.0025
11/8/2014		<0.0025			
5/20/2015					<0.0025
5/22/2015	<0.0025	<0.0025	<0.0025	<0.0025	
11/13/2015	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
4/8/2016					<0.0025
4/11/2016	<0.0025	<0.0025	<0.0025	<0.0025	
6/15/2016	<0.0025	<0.0025			
6/16/2016			2E-05 (J)	<0.0025	<0.0025
8/10/2016	<0.0025	<0.0025	<0.0025		
8/11/2016				<0.0025	<0.0025
10/11/2016	<0.0025	<0.0025			
10/13/2016			<0.0025	<0.0025	<0.0025
12/2/2016		<0.0025			
12/5/2016	<0.0025		<0.0025	<0.0025	
12/6/2016					<0.0025
2/13/2017	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
4/7/2017		<0.0025			
4/10/2017	<0.0025		<0.0025		
4/11/2017				<0.0025	<0.0025
6/22/2017		<0.0025			
6/23/2017	<0.0025		<0.0025		
6/24/2017				<0.0025	<0.0025
10/10/2017	<0.0025	<0.0025			
10/11/2017			<0.0025	<0.0025	<0.0025
3/23/2018		<0.0025			
3/26/2018	<0.0025		<0.0025	<0.0025	<0.0025
10/4/2018	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/27/2019			<0.0025		
3/28/2019	<0.0025	<0.0025		<0.0025	<0.0025
9/12/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/19/2020	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
9/10/2020	<0.0025	<0.0025			
9/11/2020			<0.0025	<0.0025	<0.0025
4/5/2021			<0.0025	<0.0025	

Time Series

Constituent: Beryllium, T Total (mg/L) Analysis Run 6/24/2024 9:54 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/6/2021	<0.0025	<0.0025			<0.0025
8/13/2021	<0.0025	<0.0025	<0.0025		<0.0025
8/17/2021				<0.0025	
2/14/2022	<0.0025	<0.0025		<0.0025	<0.0025
2/15/2022			<0.0025		
8/31/2022	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
2/28/2023			<0.0025		<0.0025
3/1/2023	<0.0025	<0.0025		<0.0025	
8/3/2023	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/4/2024	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025

Time Series

Constituent: Boron (mg/L) Analysis Run 6/24/2024 9:54 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
4/6/2016	<0.08						
4/7/2016			0.0657 (J)	<0.08		<0.08	<0.08
4/8/2016		<0.08			<0.08		
6/14/2016	0.0012 (J)	<0.08	0.12	<0.08	0.00079 (J)		<0.08
6/17/2016						<0.08	
8/9/2016		<0.08	0.22	<0.08	<0.08		<0.08
8/10/2016	<0.08					<0.08	
10/10/2016			0.52	<0.08			
10/11/2016	<0.08	<0.08			<0.08		<0.08
10/14/2016						<0.08	
12/2/2016	<0.08		0.65	<0.08			<0.08
12/5/2016		<0.08			<0.08		
12/19/2016						<0.08	
2/9/2017			0.57				<0.08
2/10/2017	<0.08	<0.08		<0.08	<0.08		
2/13/2017						<0.08	
4/7/2017		<0.08	0.5	<0.08	<0.08	<0.08	<0.08
4/10/2017	<0.08						
6/22/2017			0.48		<0.08	<0.08	<0.08
6/23/2017	<0.08			<0.08			
6/26/2017		<0.08					
10/9/2017	<0.08	<0.08					
10/10/2017			0.79	<0.08	<0.08	<0.08	<0.08
3/22/2018			0.66		<0.08		<0.08
3/23/2018				<0.08		<0.08	
3/26/2018	<0.08	<0.08 (D)					
10/3/2018	<0.08	<0.08	0.89			<0.08	<0.08
10/4/2018				<0.08			
10/5/2018					<0.08		
3/27/2019	<0.08	<0.08	0.74	<0.08	<0.08	<0.08	<0.08
9/12/2019	0.053	<0.08	0.91	<0.08	<0.08	<0.08	<0.08
3/19/2020	<0.08	<0.08	0.86	<0.08		<0.08	<0.08
3/20/2020					<0.08		
9/10/2020	<0.08	<0.08					<0.08
9/11/2020			1	<0.08	<0.08	<0.08	
4/2/2021	<0.08	<0.08	1.1				
4/5/2021				<0.08	<0.08	0.044 (J)	
4/6/2021							<0.08
8/12/2021	<0.08	<0.08	1.1	<0.08		<0.08	<0.08
8/13/2021					<0.08		
2/14/2022	<0.08		0.86	<0.08	<0.08	<0.08	<0.08
2/15/2022		<0.08					
8/26/2022	<0.08	<0.08					
8/30/2022							<0.08
8/31/2022			1.2	<0.08	<0.08	<0.08	
2/28/2023	<0.08	0.19	1.1	0.11	0.034 (J)	0.12	
3/1/2023							<0.08
8/2/2023	<0.08						
8/3/2023		<0.08	1.1	0.027 (J)	<0.08	0.023 (J)	<0.08
2/29/2024	<0.08						
3/4/2024		0.033 (J)	0.98	0.022 (J)	<0.08	<0.08	<0.08

Time Series

Constituent: Boron (mg/L) Analysis Run 6/24/2024 9:54 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/8/2016					0.824
4/11/2016	<0.08	<0.08	<0.08	<0.08	
6/15/2016	0.0021 (J)	<0.08			
6/16/2016			<0.08	<0.08	0.8 (J)
8/10/2016	<0.08	<0.08	<0.08		
8/11/2016				<0.08	0.97
10/11/2016	<0.08	<0.08			
10/13/2016			<0.08	<0.08	0.94
12/2/2016		<0.08			
12/5/2016	<0.08		<0.08	<0.08	
12/6/2016					1
2/13/2017	<0.08	<0.08	<0.08	<0.08	0.97
4/7/2017		<0.08			
4/10/2017	<0.08		<0.08		
4/11/2017				<0.08	0.88
6/22/2017		<0.08			
6/23/2017	<0.08		<0.08		
6/24/2017				<0.08	0.87
10/10/2017	<0.08	<0.08			
10/11/2017			<0.08	<0.08	1.1
3/23/2018		<0.08			
3/26/2018	<0.08		<0.08	<0.08	0.91
10/4/2018	<0.08	<0.08	<0.08	<0.08	0.92
3/27/2019			<0.08		
3/28/2019	<0.08	<0.08		<0.08	0.97
9/12/2019	<0.08	<0.08	<0.08	<0.08	0.94
3/19/2020	<0.08	<0.08	<0.08	<0.08	1
9/10/2020	<0.08	<0.08			
9/11/2020			<0.08	<0.08	0.97
4/5/2021			<0.08	<0.08	
4/6/2021	<0.08	<0.08			0.97
8/13/2021	<0.08	<0.08	<0.08		0.94
8/17/2021				<0.08	
2/14/2022	<0.08	<0.08		<0.08	1
2/15/2022			<0.08		
8/31/2022	<0.08	<0.08	<0.08	<0.08	1
2/28/2023			0.08		0.91
3/1/2023	0.075 (J)	0.95		<0.08	
8/3/2023	0.025 (J)	<0.08	<0.08	<0.08	0.97
3/4/2024	<0.08	<0.08	0.036 (J)	0.023 (J)	0.97

Time Series

Constituent: Cadmium, Total (mg/L) Analysis Run 6/24/2024 9:54 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			<0.0025	<0.0025	<0.0025		
12/21/2010						<0.0025	<0.0025
12/22/2010	<0.0025	<0.0025					
2/1/2011				<0.0025	<0.0025		
2/14/2011	<0.0025	<0.0025	<0.0025			<0.0025	<0.0025
3/21/2011			<0.0025	<0.0025			<0.0025
3/22/2011	<0.0025	<0.0025					
3/23/2011					<0.0025	<0.0025	
4/26/2011	<0.0025	<0.0025	<0.0025	<0.0025			<0.0025
4/27/2011					<0.0025	<0.0025	
10/25/2011						<0.0025	
10/26/2011			<0.0025		<0.0025		<0.0025
10/27/2011	<0.0025	<0.0025		<0.0025			
5/1/2012	<0.0025	<0.0025	<0.0025		<0.0025	<0.0025	
5/2/2012				<0.0025			<0.0025
11/8/2012	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
5/7/2013	<0.0025	<0.0025		<0.0025	<0.0025	<0.0025	
5/8/2013			<0.0025				<0.0025
11/4/2013	<0.0025	<0.0025	<0.0025	<0.0025			
11/5/2013					<0.0025	<0.0025	<0.0025
5/23/2014					<0.0025	<0.0025	<0.0025
5/24/2014	<0.0025	<0.0025	<0.0025	<0.0025			
11/7/2014			<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
11/8/2014	<0.0025	<0.0025					
5/20/2015			<0.0025	<0.0025			
5/21/2015	<0.0025	<0.0025			<0.0025	<0.0025	<0.0025
11/12/2015					<0.0025	<0.0025	<0.0025
11/13/2015	<0.0025	<0.0025	<0.0025	<0.0025			
4/6/2016	<0.0025						
4/7/2016			<0.0025	<0.0025		<0.0025	<0.0025
4/8/2016		<0.0025			<0.0025		
6/14/2016	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025		<0.0025
6/17/2016						<0.0025	
8/9/2016		<0.0025	<0.0025	<0.0025	<0.0025		<0.0025
8/10/2016	<0.0025					<0.0025	
10/10/2016			<0.0025	<0.0025			
10/11/2016	<0.0025	<0.0025			<0.0025		<0.0025
10/14/2016						<0.0025	
12/2/2016	<0.0025		<0.0025	<0.0025			<0.0025
12/5/2016		<0.0025			<0.0025		
12/19/2016						<0.0025	
2/9/2017			<0.0025				<0.0025
2/10/2017	<0.0025	<0.0025		<0.0025	<0.0025		
2/13/2017						<0.0025	
4/7/2017		<0.0025	<0.0025	<0.0025	0.0016	<0.0025	<0.0025
4/10/2017	<0.0025						
6/22/2017			<0.0025		<0.0025	<0.0025	<0.0025
6/23/2017	<0.0025			<0.0025			
6/26/2017		<0.0025					
10/9/2017	<0.0025	<0.0025					
10/10/2017			<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/22/2018			<0.0025 (D)		<0.0025		<0.0025

Time Series

Constituent: Cadmium, T Total (mg/L) Analysis Run 6/24/2024 9:54 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
3/23/2018				<0.0025		<0.0025	
3/26/2018	<0.0025	<0.0025 (D)					
10/3/2018	<0.0025	<0.0025	<0.0025			<0.0025	<0.0025
10/4/2018				<0.0025			
10/5/2018					<0.0025		
3/27/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
9/12/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/19/2020	<0.0025	<0.0025	<0.0025	<0.0025		<0.0025	<0.0025
3/20/2020					<0.0025		
9/10/2020	<0.0025	<0.0025					<0.0025
9/11/2020			<0.0025	<0.0025	<0.0025	<0.0025	
4/2/2021	<0.0025	<0.0025	<0.0025				
4/5/2021				<0.0025	<0.0025	<0.0025	
4/6/2021							<0.0025
8/12/2021	<0.0025	<0.0025	<0.0025	<0.0025		<0.0025	<0.0025
8/13/2021					<0.0025		
2/14/2022	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
2/15/2022		<0.0025					
8/26/2022	<0.0025	<0.0025					
8/30/2022							<0.0025
8/31/2022			<0.0025	<0.0025	<0.0025	<0.0025	
2/28/2023	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	
3/1/2023							<0.0025
8/2/2023	<0.0025						
8/3/2023		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
2/29/2024	<0.0025						
3/4/2024		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025

Time Series

Constituent: Cadmium, Total (mg/L) Analysis Run 6/24/2024 9:54 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					<0.0025
12/21/2010				<0.0025	
12/22/2010	<0.0025	<0.0025	<0.0025		
2/14/2011					<0.0025
2/15/2011	<0.0025	<0.0025	<0.0025	<0.0025	
3/21/2011				<0.0025	<0.0025
3/22/2011	<0.0025	<0.0025	<0.0025		
4/27/2011	<0.0025	<0.0025	<0.0025		<0.0025
4/28/2011				<0.0025	
10/26/2011	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
5/1/2012				<0.0025	<0.0025
5/2/2012	<0.0025	<0.0025	<0.0025		
11/8/2012	<0.0025	<0.0025	<0.0025		
11/9/2012				<0.0025	<0.0025
5/8/2013	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
11/4/2013	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
5/24/2014	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
11/7/2014	<0.0025		<0.0025	<0.0025	<0.0025
11/8/2014		<0.0025			
5/20/2015					<0.0025
5/22/2015	<0.0025	<0.0025	<0.0025	<0.0025	
11/13/2015	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
4/8/2016					<0.0025
4/11/2016	<0.0025	<0.0025	<0.0025	<0.0025	
6/15/2016	<0.0025	7.4E-05 (J)			
6/16/2016			<0.0025	<0.0025	<0.0025
8/10/2016	<0.0025	<0.0025	<0.0025		
8/11/2016				<0.0025	<0.0025
10/11/2016	<0.0025	<0.0025			
10/13/2016			<0.0025	<0.0025	<0.0025
12/2/2016		<0.0025			
12/5/2016	<0.0025		<0.0025	<0.0025	
12/6/2016					<0.0025
2/13/2017	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
4/7/2017		<0.0025			
4/10/2017	<0.0025		<0.0025		
4/11/2017				<0.0025	<0.0025
6/22/2017		<0.0025			
6/23/2017	<0.0025		<0.0025		
6/24/2017				<0.0025	<0.0025
10/10/2017	<0.0025	<0.0025			
10/11/2017			<0.0025	<0.0025	<0.0025
3/23/2018		<0.0025			
3/26/2018	<0.0025		<0.0025	<0.0025	<0.0025
10/4/2018	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/27/2019			<0.0025		
3/28/2019	<0.0025	<0.0025		<0.0025	<0.0025
9/12/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/19/2020	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
9/10/2020	<0.0025	<0.0025			
9/11/2020			<0.0025	<0.0025	<0.0025
4/5/2021			<0.0025	<0.0025	

Time Series

Constituent: Cadmium, T Total (mg/L) Analysis Run 6/24/2024 9:54 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/6/2021	<0.0025	<0.0025			<0.0025
8/13/2021	<0.0025	<0.0025	<0.0025		<0.0025
8/17/2021				<0.0025	
2/14/2022	<0.0025	<0.0025		<0.0025	<0.0025
2/15/2022			<0.0025		
8/31/2022	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
2/28/2023			<0.0025		<0.0025
3/1/2023	<0.0025	<0.0025		<0.0025	
8/3/2023	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/4/2024	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025

Time Series

Constituent: Calcium (mg/L) Analysis Run 6/24/2024 9:54 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
4/6/2016	9.27						
4/7/2016			38.4	6.57		12.6	15.3
4/8/2016		8.6			10.7		
6/14/2016	8.2	6.8	32.9	5.5	11.3		14.2
6/17/2016						12.4	
8/9/2016		6.2	29	4.6	9.6		13
8/10/2016	6.9					11	
10/10/2016			33	5.3			
10/11/2016	7.6	6.2			11		14
10/14/2016						13	
12/2/2016	7.4		33	5.1			13
12/5/2016		5.5			10		
12/19/2016						11	
2/9/2017			42				14
2/10/2017	11	7.8		5.8	11		
2/13/2017						13	
4/7/2017		7.3	35	5.2	10	12	14
4/10/2017	9.7						
6/22/2017			38		11	13	14
6/23/2017	9.2			5.7			
6/26/2017		6.8					
10/9/2017	9.4	5.8					
10/10/2017			40	5.8	11	13	15
3/22/2018			39 (D)		11		14
3/23/2018				6.6		13	
3/26/2018	9.3	8.7					
10/3/2018	7.8	6.1	41			12	14
10/4/2018				5.4			
10/5/2018					11		
3/27/2019	9.5	7.1	39	6.1	11	13	15
9/12/2019	8.8	6.1	36	5.7	12	13	14
3/19/2020	11	9.7	45	6.7		14	15
3/20/2020					12		
9/10/2020	8.2	5.9					14
9/11/2020			30	5.5	11	12	
4/2/2021	9.2	9	29				
4/5/2021				7	13	13	
4/6/2021							16
8/12/2021	7.2	6	26	6.1		12	14
8/13/2021					11		
2/14/2022	8		26	5.9	11	11	13
2/15/2022		9.6					
8/26/2022	6.8	7.8					
8/30/2022							14
8/31/2022			23	5.7	12	12	
2/28/2023	8.1	11	23	6.6	13	13	
3/1/2023							15
8/2/2023	6.4						
8/3/2023		9.6	23	6.4	13	12	15
2/29/2024	6.7						
3/4/2024		11	25	6.8	15	13	14

Time Series

Constituent: Calcium (mg/L) Analysis Run 6/24/2024 9:54 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/8/2016					17.5
4/11/2016	9.7	7.04	6.9	12.8	
6/15/2016	9.5	7.4			
6/16/2016			7.6	14.3	18.4
8/10/2016	8.5	6.7	5.7		
8/11/2016				11	13
10/11/2016	9.3	6.9			
10/13/2016			6.7	13	15
12/2/2016		6.5			
12/5/2016	9		6.4	12	
12/6/2016					15
2/13/2017	9.2	7.9	6.2	13	16
4/7/2017		6.5			
4/10/2017	9.2		6.2		
4/11/2017				13	17
6/22/2017		6.8			
6/23/2017	9.8		6.6		
6/24/2017				13	17
10/10/2017	10	7.3			
10/11/2017			6.9	15	19
3/23/2018		7.5			
3/26/2018	11		7	15	19
10/4/2018	10	6.7	6.4	14	17
3/27/2019			7		
3/28/2019	11	7.2		15	18
9/12/2019	12	7.5	7.1	17	18
3/19/2020	16	7.9	7.1	19	19
9/10/2020	15	7.5			
9/11/2020			7	18	19
4/5/2021			8	21	
4/6/2021	17	7.7			19
8/13/2021	15	7.2	7		17
8/17/2021				22	
2/14/2022	16	6.5		18	16
2/15/2022			6.4		
8/31/2022	17	7.1	7.2	21	17
2/28/2023			7.6		18
3/1/2023	19	20		25	
8/3/2023	18	8	8.2	24	18
3/4/2024	18	7.9	8.1	28	19

Time Series

Constituent: Chloride (mg/L) Analysis Run 6/24/2024 9:54 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
4/6/2016	3.034						
4/7/2016			8.05	2.914		1.842	2.285
4/8/2016		2.1			1.57		
6/14/2016	3.1	4.2	9.3	3.1	1.7		2.3
6/17/2016						1.9	
8/9/2016		5	10	3.2	1.5		2.3
8/10/2016	2.7					1.8	
10/10/2016			10	3			
10/11/2016	2.7	3.8			1.6		2.1
10/14/2016						1.7	
12/2/2016	2.5		10	3			2
12/5/2016		3.6			1.5		
12/19/2016						2.7 (O)	
2/9/2017			9.4				2.1
2/10/2017	3.4	2.2		2.7	1.5		
2/13/2017						1.8	
4/7/2017		2.2	9.9	2.9	1.4	1.7	2
4/10/2017	3.6						
6/22/2017			9.7		1.4	1.7	2
6/23/2017	3.2			3.3			
6/26/2017		3.4					
10/9/2017	3.5	3.4					
10/10/2017			9.8	3.5	1.4	1.6	2
3/22/2018			9.7 (D)		1.3		1.9
3/23/2018				3.6		1.6	
3/26/2018	3.8	1.9 (D)					
10/3/2018	4	2.9	10			1.6	2
10/4/2018				3.9			
10/5/2018					1.4		
3/27/2019	2.9	2	9.6	3.7	1.2	1.5	1.9
9/12/2019	3.4	2.5	10	4.3	1.4	1.7	1.9
3/19/2020	3.9	2.2	9.9	4.5		1.9	2.2
3/20/2020					1.7		
9/10/2020	3.7	2.5					2.1
9/11/2020			12	4.7	1.6	1.8	
4/2/2021	3.7	1.8	13				
4/5/2021				5.3	1.8	2	
4/6/2021							2.1
8/12/2021	4.1	2.7	13	5.5		1.8	2.2
8/13/2021					1.8		
2/14/2022	4		10	5	1.5	1.8	2
2/15/2022		1.8					
8/26/2022	3.6	2					
8/30/2022							2.2
8/31/2022			13	5.1	1.5	1.6	
2/28/2023	3.6	1.8	13	5.2	1.7	1.8	
3/1/2023							2.1
8/2/2023	3.4						
8/3/2023		1.8	13	5.2	1.6	1.7	1.9
2/29/2024	3.7						
3/4/2024		1.8	14	5.4	1.8	1.8	2

Time Series

Constituent: Chloride (mg/L) Analysis Run 6/24/2024 9:54 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/8/2016					10.065
4/11/2016	1.57 (O)	2.09	2.09 (O)	<0.25 (O)	
6/15/2016	3.9	2.1			
6/16/2016			6.3	7.4	9.4
8/10/2016	4	2	6.9		
8/11/2016				8.3	10
10/11/2016	3.7	1.9			
10/13/2016			6.5	7.8	9.9
12/2/2016		1.9			
12/5/2016	3.6		6.6	8.1	
12/6/2016					10
2/13/2017	3.4	1.9	6.7	8	10
4/7/2017		2			
4/10/2017	3.5		6.7		
4/11/2017				7.6	10
6/22/2017		1.9			
6/23/2017	3.4		6.6		
6/24/2017				8.3	10
10/10/2017	3.3	1.9			
10/11/2017			6.5	7.9	10
3/23/2018		1.9			
3/26/2018	3.1		6.6	7.8	11
10/4/2018	3.1	1.9	6.9	8.1	12
3/27/2019			7		
3/28/2019	2.8	1.8		7.5	12
9/12/2019	3	1.8	6.8	7.7	11
3/19/2020	3.4	2.1	7.3	8.2	13
9/10/2020	3.3	2.1			
9/11/2020			7.7	7.9	12
4/5/2021			7.8	8.2	
4/6/2021	3.3	1.9			13
8/13/2021	3.7	2.1	8		13
8/17/2021				8.3	
2/14/2022	3.8	1.9		7.6	12
2/15/2022			7.6		
8/31/2022	3.5	1.6	7.7	7.6	13
2/28/2023			7.9		13
3/1/2023	3.9	14		8	
5/2/2023		1.7 (R)			
8/3/2023	3.3	1.6	7.8	7.6	14
10/4/2023					15 (R)
3/4/2024	3.4	1.9	8.4	8.1	15
5/20/2024					13 (R)

Time Series

Constituent: Chromium, Total (mg/L) Analysis Run 6/24/2024 9:54 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			<0.002	0.0036 (J)	0.0064		
12/21/2010						0.0094	0.0073
12/22/2010	0.0052	0.0029 (J)					
2/1/2011				0.0037 (J)	0.015		
2/14/2011	0.0057	0.0027 (J)	<0.002			0.028	0.0051
3/21/2011			<0.002	0.004 (J)			0.0067
3/22/2011	0.0055	0.0049 (J)					
3/23/2011					0.0084	0.0042 (J)	
4/26/2011	0.0069	0.0048 (J)	<0.002	0.0037 (J)			0.0065
4/27/2011					0.011	<0.01	
10/25/2011						0.0062	
10/26/2011			<0.002		0.0061		0.0068
10/27/2011	0.011	0.0023 (J)		0.0047 (J)			
5/1/2012	0.0056	0.0051	<0.002		0.0072	0.011	
5/2/2012				0.005 (J)			0.011
11/8/2012	<0.01	0.0034 (J)	<0.002	0.0081	0.015	0.0089	0.0052
5/7/2013	0.0036 (J)	0.0078		0.0035 (J)	0.044	0.019	
5/8/2013			<0.002				0.0059
11/4/2013	0.0032 (J)	0.0055 (J)	<0.002	0.0056 (J)			
11/5/2013					0.023	0.0057 (J)	0.0044 (J)
5/23/2014					0.022	0.0084 (J)	0.0087 (J)
5/24/2014	0.0043 (J)	0.0075 (J)	<0.002	0.005 (J)			
11/7/2014			<0.002	0.004 (J)	0.013	0.011	0.0048 (J)
11/8/2014	<0.01	0.0048 (J)					
5/20/2015			0.0025 (O)	0.0062 (J)			
5/21/2015	0.002 (J)	0.0082 (J)			0.029	0.013	0.006 (J)
11/12/2015					0.045	0.015	0.007 (J)
11/13/2015	<0.01	0.0079 (J)	0.0042 (O)	0.0067 (J)			
4/6/2016	0.00278 (J)						
4/7/2016			<0.002	0.00467 (J)		0.00498 (J)	0.0056 (J)
4/8/2016		<0.01			<0.01		
6/14/2016	<0.01	<0.01	<0.002	<0.01	<0.01		<0.01
6/17/2016						<0.01	
8/9/2016		0.0079	<0.002	0.0041	0.008		0.0053
8/10/2016	0.0019 (J)					0.0047	
10/10/2016			<0.002	0.0041			
10/11/2016	0.0024 (J)	0.0069			0.0079		0.0058
10/14/2016						0.0056	
12/2/2016	0.0023 (J)		<0.002	0.0039			0.0071
12/5/2016		0.0077			0.0057		
12/19/2016						0.0039	
2/9/2017			<0.002				0.0051
2/10/2017	0.0021 (J)	0.0098		0.0044	0.0062		
2/13/2017						0.0059	
4/7/2017		0.0081	<0.002	0.0046	0.0072	0.0051	0.006
4/10/2017	0.002 (J)						
6/22/2017			<0.002		0.0074	0.005	0.0056
6/23/2017	0.0018 (J)			0.005			
6/26/2017		0.0084					
10/9/2017	0.0016 (J)	0.0082					
10/10/2017			<0.002	0.0088	0.0072	0.005	0.0073
3/22/2018			<0.002 (D)		0.0074		0.0051

Time Series

Constituent: Chromium, Total (mg/L) Analysis Run 6/24/2024 9:54 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
3/23/2018				0.0045		0.005	
3/26/2018	0.0011 (J)	0.0088					
10/3/2018	0.0014 (J)	0.0086	<0.002			0.0051	0.0052
10/4/2018				0.0047			
10/5/2018					0.0083		
3/27/2019	0.003	0.0078	<0.002	0.0048	0.0081	0.0051	0.0056
9/12/2019	0.0047	0.0092	<0.002	0.0051	0.0088	0.0085	0.0075
3/19/2020	0.0026	0.011	<0.002	0.0043		0.0063	0.0055
3/20/2020					0.0085		
9/10/2020	0.0019 (J)	0.0077					0.0063
9/11/2020			<0.002	0.0042	0.0081	0.0053	
4/2/2021	0.0029	0.01	<0.002				
4/5/2021				0.0041	0.0084	0.0061	
4/6/2021							0.0055
8/12/2021	0.0016 (J)	0.008	<0.002	0.0045		0.0058	0.0096
8/13/2021					0.0082		
2/14/2022	0.0026		<0.002	0.0047	0.0086	0.0058	0.0076
2/15/2022		0.013					
8/26/2022	0.0016 (J)	0.0078					
8/30/2022							0.0064
8/31/2022			<0.002	0.0048	0.0084	0.0059	
2/28/2023	0.0024	0.01	<0.002	0.0047	0.0084	0.0058	
3/1/2023							0.0057
8/2/2023	0.0028						
8/3/2023		0.0089	0.0012 (J)	0.0053	0.0092	0.0056	0.0065
2/29/2024	0.0021						
3/4/2024		0.011	0.0016 (J)	0.0048	0.01	0.0063	0.006

Time Series

Constituent: Chromium, Total (mg/L) Analysis Run 6/24/2024 9:54 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					<0.002
12/21/2010				0.01	
12/22/2010	0.0026 (J)	0.0034 (J)	0.0036 (J)		
2/14/2011					<0.002
2/15/2011	<0.002	0.0034 (J)	0.0038 (J)	0.0087	
3/21/2011				0.0083	<0.002
3/22/2011	<0.002	0.0037 (J)	0.0022 (J)		
4/27/2011	<0.002	0.0038 (J)	0.0042 (J)		<0.002
4/28/2011				0.0076	
10/26/2011	<0.002	0.0039 (J)	0.0042 (J)	0.0078	0.0033 (J)
5/1/2012				0.0049 (J)	0.0025 (J)
5/2/2012	<0.002	0.0044 (J)	0.0037 (J)		
11/8/2012	<0.002	0.0026 (J)	<0.01		
11/9/2012				0.0066	<0.002
5/8/2013	<0.002	0.0038 (J)	0.0032 (J)	0.0082	<0.002
11/4/2013	0.0027 (J)	0.0063 (J)	0.0063 (J)	0.013	0.0035 (J)
5/24/2014	0.0027 (J)	0.0061 (J)	0.003 (J)	0.012	0.0027 (J)
11/7/2014	<0.002		<0.01	0.0084 (J)	<0.002
11/8/2014		<0.002			
5/20/2015					0.0021 (J)
5/22/2015	0.0034 (J)	0.0037 (J)	0.0023 (J)	0.0096 (J)	
11/13/2015	0.0038 (J)	0.0055 (J)	0.0042 (J)	0.011	0.0041 (J)
4/8/2016					<0.002
4/11/2016	<0.002	0.00479 (J)	0.00309 (J)	0.0101	
6/15/2016	<0.002	<0.002			
6/16/2016			<0.01	<0.01	<0.002
8/10/2016	0.0014 (J)	0.0047	0.0023 (J)		
8/11/2016				0.0097	0.0013 (J)
10/11/2016	0.0017 (J)	0.0048			
10/13/2016			0.0028	0.012	0.0018 (J)
12/2/2016		0.0043			
12/5/2016	0.0014 (J)		0.0032	0.012	
12/6/2016					0.0014 (J)
2/13/2017	0.0016 (J)	0.0047	0.0021 (J)	0.011	0.0021 (J)
4/7/2017		0.0044			
4/10/2017	0.0014 (J)		0.0022 (J)		
4/11/2017				0.011	0.0012 (J)
6/22/2017		0.0045			
6/23/2017	0.0014 (J)		0.0025		
6/24/2017				0.0095	0.0017 (J)
10/10/2017	0.0039	0.005			
10/11/2017			0.0027	0.0096	0.0013 (J)
3/23/2018		0.0042			
3/26/2018	0.0013 (J)		0.0028	0.012	0.0014 (J)
10/4/2018	0.0014 (J)	0.005	0.0041	0.016	<0.002
3/27/2019			0.0044		
3/28/2019	0.0012 (J)	0.0043		0.019	<0.002
9/12/2019	0.0021 (J)	0.006	0.0043	0.027	0.002 (J)
3/19/2020	<0.002	0.0047	0.0032	0.029	<0.002
9/10/2020	<0.002	0.0047			
9/11/2020			0.0041	0.028	0.0023
4/5/2021			0.0054	0.031	

Time Series

Constituent: Chromium, Total (mg/L) Analysis Run 6/24/2024 9:54 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/6/2021	<0.002	0.0044			<0.002
8/13/2021	<0.002	0.0089	0.0087		0.0019 (J)
8/17/2021				0.034	
2/14/2022	<0.002	0.0046		0.036	0.0018 (J)
2/15/2022			0.0054		
8/31/2022	<0.002	0.004	0.0047	0.038	0.002
2/28/2023			0.0047		0.003
3/1/2023	<0.002	<0.002		0.038	
8/3/2023	<0.002	0.0042	0.0063	0.035	<0.002
3/4/2024	0.0012 (J)	0.0042	0.0064	0.033	0.0013 (J)

Time Series

Constituent: Cobalt, Total (mg/L) Analysis Run 6/24/2024 9:54 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			0.012	<0.0025	0.0033 (O)		
12/21/2010						<0.0025	<0.0025
12/22/2010	<0.0025	0.0038 (O)					
2/1/2011				<0.0025	<0.0025		
2/14/2011	<0.0025	<0.0025	0.0093 (J)			<0.0025	<0.0025
3/21/2011			0.0076 (J)	<0.0025			<0.0025
3/22/2011	<0.0025	<0.0025					
3/23/2011					<0.0025	<0.0025	
4/26/2011	<0.0025	<0.0025	0.0058 (J)	<0.0025			<0.0025
4/27/2011					<0.0025	<0.0025	
10/25/2011						<0.0025	
10/26/2011			0.005 (J)		<0.0025		<0.0025
10/27/2011	<0.0025	<0.0025		<0.0025			
5/1/2012	<0.0025	<0.0025	0.0032 (J)		<0.0025	0.0039 (O)	
5/2/2012				<0.0025			<0.0025
11/8/2012	<0.0025	<0.0025	0.0034 (J)	<0.0025	<0.0025	<0.0025	<0.0025
5/7/2013	<0.0025	<0.0025		<0.0025	<0.0025	<0.0025	
5/8/2013			<0.01				<0.0025
11/4/2013	<0.0025	<0.0025	<0.01	<0.0025			
11/5/2013					<0.0025	<0.0025	<0.0025
5/23/2014					0.0048 (O)	<0.0025	<0.0025
5/24/2014	<0.0025	<0.0025	<0.01	<0.0025			
11/7/2014			<0.01	<0.0025	<0.0025	<0.0025	<0.0025
11/8/2014	<0.0025	<0.0025					
5/20/2015			<0.01	<0.0025			
5/21/2015	<0.0025	<0.0025			<0.0025	<0.0025	<0.0025
11/12/2015					<0.0025	<0.0025	<0.0025
11/13/2015	<0.0025	<0.0025	<0.01	<0.0025			
4/6/2016	<0.0025						
4/7/2016			<0.01	<0.0025		<0.0025	<0.0025
4/8/2016		<0.0025			<0.0025		
6/14/2016	6.6E-05 (J)	0.00042 (J)	0.0031 (J)	3.8E-05 (J)	4.2E-05 (J)		<0.0025
6/17/2016						0.00017 (J)	
8/9/2016		0.00068 (J)	0.0023 (J)	<0.0025	<0.0025		<0.0025
8/10/2016	<0.0025					<0.0025	
10/10/2016			0.0024 (J)	<0.0025			
10/11/2016	0.00047 (J)	<0.0025			0.00052 (J)		<0.0025
10/14/2016						<0.0025	
12/2/2016	0.0014 (J)		0.0021 (J)	<0.0025			0.0004 (J)
12/5/2016		0.0012 (J)			<0.0025		
12/19/2016						<0.0025	
2/9/2017			0.00096 (J)				<0.0025
2/10/2017	0.00052 (J)	0.0013 (J)		<0.0025	<0.0025		
2/13/2017						<0.0025	
4/7/2017		<0.0025	0.0034	<0.0025	<0.0025	<0.0025	<0.0025
4/10/2017	<0.0025						
6/22/2017			0.0029		<0.0025	<0.0025	<0.0025
6/23/2017	<0.0025			<0.0025			
6/26/2017		0.00073 (J)					
10/9/2017	0.00053 (J)	<0.0025					
10/10/2017			0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/22/2018			0.0015 (JD)		<0.0025		<0.0025

Time Series

Constituent: Cobalt, Total (mg/L) Analysis Run 6/24/2024 9:54 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
3/23/2018				<0.0025		<0.0025	
3/26/2018	0.00088 (J)	<0.0025 (D)					
10/3/2018	0.0014 (J)	<0.0025	0.0018 (J)			<0.0025	<0.0025
10/4/2018				<0.0025			
10/5/2018					<0.0025		
3/27/2019	<0.0025	<0.0025	0.00083 (J)	<0.0025	<0.0025	<0.0025	<0.0025
9/12/2019	0.0004 (J)	<0.0025	0.0018 (J)	9.5E-05 (J)	0.00011 (J)	<0.0025	0.00017 (J)
3/19/2020	0.00015 (J)	<0.0025	0.0005 (J)	0.00025 (J)		0.00029 (J)	<0.0025
3/20/2020					<0.0025		
9/10/2020	0.00019 (J)	0.00014 (J)					0.0002 (J)
9/11/2020			0.0035	<0.0025	<0.0025	<0.0025	
4/2/2021	0.00016 (J)	0.00026 (J)	0.002 (J)				
4/5/2021				<0.0025	0.00017 (J)	0.00019 (J)	
4/6/2021							<0.0025
8/12/2021	0.00028 (J)	0.00015 (J)	0.0024 (J)	<0.0025		<0.0025	0.00072 (J)
8/13/2021					<0.0025		
2/14/2022	<0.0025		0.00059 (J)	<0.0025	<0.0025	<0.0025	0.00039 (J)
2/15/2022		0.00054 (J)					
8/26/2022	<0.0025	<0.0025					
8/30/2022							<0.0025
8/31/2022			0.0012 (J)	<0.0025	<0.0025	<0.0025	
2/28/2023	<0.0025	<0.0025	0.00097 (J)	<0.0025	<0.0025	<0.0025	
3/1/2023							<0.0025
8/2/2023	<0.0025						
8/3/2023		<0.0025	0.0011 (J)	<0.0025	<0.0025	<0.0025	<0.0025
2/29/2024	<0.0025						
3/4/2024		<0.0025	0.0004 (J)	<0.0025	<0.0025	<0.0025	<0.0025

Time Series

Constituent: Cobalt, Total (mg/L) Analysis Run 6/24/2024 9:54 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					0.0051 (J)
12/21/2010				<0.0025	
12/22/2010	<0.0025	<0.0025	<0.0025		
2/14/2011					0.0038 (J)
2/15/2011	<0.0025	<0.0025	<0.0025	<0.0025	
3/21/2011				<0.0025	0.0037 (J)
3/22/2011	<0.0025	<0.0025	<0.0025		
4/27/2011	<0.0025	<0.0025	<0.0025		<0.01
4/28/2011				<0.0025	
10/26/2011	<0.0025	<0.0025	<0.0025	<0.0025	0.0046 (J)
5/1/2012				<0.0025	0.0043 (J)
5/2/2012	<0.0025	<0.0025	<0.0025		
11/8/2012	<0.0025	<0.0025	<0.0025		
11/9/2012				<0.0025	0.007 (J)
5/8/2013	<0.0025	<0.0025	<0.0025	<0.0025	0.0047 (J)
11/4/2013	<0.0025	<0.0025	<0.0025	<0.0025	0.0096 (J)
5/24/2014	<0.0025	<0.0025	<0.0025	<0.0025	0.0097 (J)
11/7/2014	<0.0025		<0.0025	<0.0025	0.012
11/8/2014		<0.0025			
5/20/2015					0.011
5/22/2015	<0.0025	<0.0025	<0.0025	<0.0025	
11/13/2015	<0.0025	<0.0025	<0.0025	<0.0025	0.013
4/8/2016					<0.01
4/11/2016	<0.0025	<0.0025	<0.0025	<0.0025	
6/15/2016	<0.0025	<0.0025			
6/16/2016			<0.0025	<0.0025	0.0062 (J)
8/10/2016	<0.0025	<0.0025	<0.0025		
8/11/2016				<0.0025	0.0092
10/11/2016	<0.0025	<0.0025			
10/13/2016			<0.0025	<0.0025	0.0045
12/2/2016		<0.0025			
12/5/2016	<0.0025		<0.0025	<0.0025	
12/6/2016					0.0043
2/13/2017	<0.0025	<0.0025	<0.0025	<0.0025	0.011
4/7/2017		<0.0025			
4/10/2017	<0.0025		<0.0025		
4/11/2017				<0.0025	0.012
6/22/2017		<0.0025			
6/23/2017	<0.0025		<0.0025		
6/24/2017				<0.0025	0.011
10/10/2017	<0.0025	<0.0025			
10/11/2017			<0.0025	<0.0025	0.016
3/23/2018		<0.0025			
3/26/2018	<0.0025		<0.0025	<0.0025	0.0069
10/4/2018	<0.0025	<0.0025	<0.0025	<0.0025	0.016
3/27/2019			<0.0025		
3/28/2019	<0.0025	<0.0025		<0.0025	0.011
9/12/2019	<0.0025	<0.0025	0.00012 (J)	<0.0025	0.011
3/19/2020	<0.0025	<0.0025	<0.0025	<0.0025	0.0083
9/10/2020	<0.0025	<0.0025			
9/11/2020			<0.0025	<0.0025	0.002 (J)
4/5/2021			0.0002 (J)	<0.0025	

Time Series

Constituent: Cobalt, Total (mg/L) Analysis Run 6/24/2024 9:54 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/6/2021	<0.0025	<0.0025			0.0062
8/13/2021	0.00015 (J)	0.00074 (J)	0.00059 (J)		0.015
8/17/2021				<0.0025	
2/14/2022	<0.0025	<0.0025		<0.0025	0.011
2/15/2022			<0.0025		
8/31/2022	<0.0025	<0.0025	<0.0025	<0.0025	0.014
2/28/2023			<0.0025		0.0038
3/1/2023	<0.0025	0.01		<0.0025	
8/3/2023	<0.0025	<0.0025	<0.0025	<0.0025	0.013
3/4/2024	<0.0025	<0.0025	<0.0025	<0.0025	0.0067

Time Series

Constituent: Copper, Total (mg/L) Analysis Run 6/24/2024 9:54 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			0.0021 (J)	<0.002	0.0065 (J)		
12/21/2010						0.0084 (J)	<0.002
12/22/2010	<0.002	<0.002					
2/1/2011				<0.002	0.018		
2/14/2011	<0.002	<0.002	<0.002			0.013 (O)	<0.002
3/21/2011			<0.002	<0.002			<0.002
3/22/2011	<0.002	<0.002					
3/23/2011					0.022	0.0061 (J)	
4/26/2011	<0.002	<0.002	<0.002	<0.002			<0.002
4/27/2011					0.02	<0.002	
10/25/2011						<0.002	
10/26/2011			<0.002		0.0025 (J)		<0.002
10/27/2011	<0.002	<0.002		<0.002			
5/1/2012	<0.002	<0.002	<0.002		0.0022 (J)	0.0027 (J)	
5/2/2012				<0.002			<0.002
11/8/2012	<0.002	<0.002	0.0034 (J)	0.021 (O)	0.015	<0.002	<0.002
5/7/2013	<0.002	<0.002		<0.002	0.02	0.0039 (J)	
5/8/2013			<0.002				<0.002
11/4/2013	<0.002	<0.002	<0.002	<0.002			
11/5/2013					0.014	<0.002	<0.002
5/23/2014					0.06 (O)	0.0029 (J)	<0.002
5/24/2014	<0.002	<0.002	<0.002	<0.002			
11/7/2014			0.002 (J)	<0.002	0.0032 (J)	<0.002	<0.002
11/8/2014	<0.002	<0.002					
5/20/2015			0.0024 (J)	<0.002			
5/21/2015	0.0028 (O)	0.003 (J)			0.017 (JV)	0.0031 (J)	<0.002
11/12/2015					0.01 (J)	<0.002	<0.002
11/13/2015	<0.002	0.078 (O)	<0.002	<0.002			
4/6/2016	<0.002						
4/7/2016			<0.002	<0.002		<0.002	<0.002
4/8/2016		<0.002			<0.002		
10/10/2016			<0.002	<0.002			
10/11/2016	<0.002	<0.002			0.0051		<0.002
10/14/2016						0.0024 (J)	
4/7/2017		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
4/10/2017	<0.002						
10/9/2017	<0.002	<0.002					
10/10/2017			<0.002	<0.002	<0.002	<0.002	<0.002
3/22/2018			<0.002 (D)		<0.002		<0.002
3/23/2018				<0.002		<0.002	
3/26/2018	<0.002	<0.002 (D)					
10/3/2018	<0.002	<0.002	<0.002			<0.002	<0.002
10/4/2018				<0.002			
10/5/2018					<0.002		
3/27/2019	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
9/12/2019	<0.002	<0.002	<0.002	<0.002	<0.002	0.00083 (J)	<0.002
3/19/2020	<0.002	<0.002	0.00072 (J)	<0.002		0.0022	<0.002
3/20/2020					0.0011 (J)		
9/10/2020	0.0023	<0.002					<0.002
9/11/2020			0.002	<0.002	<0.002	<0.002	
4/2/2021	<0.002	<0.002	<0.002				
4/5/2021				<0.002	0.0019 (J)	0.00093 (J)	

Time Series

Constituent: Copper, Total (mg/L) Analysis Run 6/24/2024 9:54 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
4/6/2021							<0.002
8/12/2021	0.00066 (J)	<0.002	<0.002	<0.002		<0.002	0.0031
8/13/2021					<0.002		
2/14/2022	<0.002		<0.002	<0.002	<0.002	<0.002	0.0014 (J)
2/15/2022		0.0015 (J)					
8/26/2022	<0.002	<0.002					
8/30/2022							<0.002
8/31/2022			<0.002	<0.002	<0.002	<0.002	
2/28/2023	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	
3/1/2023							0.0011 (J)
8/2/2023	<0.002						
8/3/2023		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
2/29/2024	<0.002						
3/4/2024		0.0025	0.0068	<0.002	<0.002	<0.002	<0.002

Time Series

Constituent: Copper, Total (mg/L) Analysis Run 6/24/2024 9:54 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					<0.002
12/21/2010				<0.002	
12/22/2010	<0.002	<0.002	<0.002		
2/14/2011					<0.002
2/15/2011	<0.002	<0.002	<0.002	<0.002	
3/21/2011				<0.002	<0.002
3/22/2011	<0.002	<0.002	<0.002		
4/27/2011	<0.002	<0.002	<0.002		<0.002
4/28/2011				<0.002	
10/26/2011	<0.002	<0.002	<0.002	<0.002	<0.002
5/1/2012				<0.002	<0.002
5/2/2012	<0.002	<0.002	<0.002		
11/8/2012	<0.002	<0.002	<0.002		
11/9/2012				<0.002	<0.002
5/8/2013	<0.002	<0.002	<0.002	<0.002	<0.002
11/4/2013	<0.002	<0.002	<0.002	<0.002	<0.002
5/24/2014	<0.002	<0.002	<0.002	<0.002	<0.002
11/7/2014	<0.002		<0.002	<0.002	<0.002
11/8/2014		<0.002			
5/20/2015					<0.002
5/22/2015	0.0031 (O)	0.0031 (O)	<0.002	<0.002	
11/13/2015	<0.002	<0.002	<0.002	<0.002	<0.002
4/8/2016					<0.002
4/11/2016	<0.002	<0.002	<0.002	<0.002	
10/11/2016	<0.002	<0.002			
10/13/2016			<0.002	<0.002	<0.002
4/7/2017		<0.002			
4/10/2017	<0.002		<0.002		
4/11/2017				<0.002	<0.002
10/10/2017	<0.002	<0.002			
10/11/2017			<0.002	<0.002	<0.002
3/23/2018		<0.002			
3/26/2018	<0.002		<0.002	<0.002	<0.002
10/4/2018	<0.002	<0.002	<0.002	<0.002	<0.002
3/27/2019			<0.002		
3/28/2019	<0.002	<0.002		<0.002	<0.002
9/12/2019	<0.002	<0.002	<0.002	<0.002	<0.002
3/19/2020	<0.002	<0.002	<0.002	<0.002	<0.002
9/10/2020	<0.002	<0.002			
9/11/2020			0.0013 (J)	<0.002	<0.002
4/5/2021			<0.002	<0.002	
4/6/2021	<0.002	<0.002			<0.002
8/13/2021	<0.002	0.0046	0.0025		<0.002
8/17/2021				<0.002	
2/14/2022	<0.002	0.0013 (J)		<0.002	<0.002
2/15/2022			<0.002		
8/31/2022	<0.002	<0.002	<0.002	<0.002	<0.002
2/28/2023			<0.002		<0.002
3/1/2023	<0.002	<0.002		<0.002	
8/3/2023	<0.002	<0.002	0.0012 (J)	<0.002	<0.002
3/4/2024	<0.002	<0.002	<0.002	<0.002	<0.002

Time Series

Constituent: Fluoride (mg/L) Analysis Run 6/24/2024 9:54 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
4/6/2016	0.035 (J)						
4/7/2016			0.035 (J)	0.024 (J)		0.044 (J)	0.041 (J)
4/8/2016		<0.1			<0.1		
6/14/2016	<0.1	<0.1	<0.1	<0.1	<0.1		<0.1
6/17/2016						<0.1	
8/9/2016		<0.1	<0.1	<0.1	<0.1		<0.1
8/10/2016	<0.1					<0.1	
10/10/2016			<0.1	<0.1			
10/11/2016	<0.1	<0.1			<0.1		<0.1
10/14/2016						<0.1	
12/2/2016	<0.1		<0.1	<0.1			<0.1
12/5/2016		<0.1			<0.1		
12/19/2016						0.1 (J)	
2/9/2017			<0.1				<0.1
2/10/2017	<0.1	<0.1		<0.1	<0.1		
2/13/2017						<0.1	
4/7/2017		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
4/10/2017	<0.1						
6/22/2017			<0.1		<0.1	<0.1	<0.1
6/23/2017	<0.1			<0.1			
6/26/2017		<0.1					
10/9/2017	<0.1	<0.1					
10/10/2017			<0.1	<0.1	<0.1	<0.1	<0.1
3/22/2018			<0.1 (D)		<0.1		<0.1
3/23/2018				<0.1		<0.1	
3/26/2018	<0.1	<0.1 (D)					
10/3/2018	<0.1	<0.1	<0.1			<0.1	<0.1
10/4/2018				<0.1			
10/5/2018					<0.1		
3/27/2019	0.035 (J)	0.036 (J)	<0.1	0.033 (J)	0.041 (J)	0.04 (J)	0.037 (J)
9/12/2019	0.04 (J)	0.043 (J)	0.026 (J)	<0.1	0.041 (J)	0.044 (J)	0.042 (J)
3/19/2020	0.059 (J)	0.054 (J)	0.041 (J)	<0.1		0.049 (J)	0.044 (J)
3/20/2020					<0.1		
9/10/2020	0.044 (J)	0.034 (J)					0.036 (J)
9/11/2020			<0.1	<0.1	0.034 (J)	0.035 (J)	
4/2/2021	0.028 (J)	0.032 (J)	<0.1				
4/5/2021				0.039 (J)	0.038 (J)	0.031 (J)	
4/6/2021							0.03 (J)
8/12/2021	0.04 (J)	0.028 (J)	<0.1	0.11		0.052 (J)	0.058 (J)
8/13/2021					0.09 (J)		
2/14/2022	0.058 (J)		0.052 (J)	0.05 (J)	0.068 (J)	0.056 (J)	0.07 (J)
2/15/2022		0.088 (J)					
8/26/2022	0.092 (J)	0.028 (J)					
8/30/2022							0.044 (J)
8/31/2022			0.033 (J)	0.033 (J)	0.056 (J)	0.053 (J)	
2/28/2023	0.076 (J)	0.071 (J)	0.069 (J)	0.05 (J)	0.059 (J)	0.079 (J)	
3/1/2023							0.036 (J)
8/2/2023	0.044 (J)						
8/3/2023		0.042 (J)	<0.1	<0.1	0.047 (J)	0.045 (J)	0.044 (J)
2/29/2024	<0.1						
3/4/2024		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1

Time Series

Constituent: Fluoride (mg/L) Analysis Run 6/24/2024 9:54 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/8/2016					<0.1
4/11/2016	0.033 (J)	0.027 (J)	0.027 (J)	<0.1	
6/15/2016	<0.1	<0.1			
6/16/2016			<0.1	<0.1	<0.1
8/10/2016	<0.1	<0.1	<0.1		
8/11/2016				<0.1	<0.1
10/11/2016	<0.1	<0.1			
10/13/2016			<0.1	<0.1	<0.1
12/2/2016		<0.1			
12/5/2016	<0.1		<0.1	<0.1	
12/6/2016					<0.1
2/13/2017	<0.1	<0.1	<0.1	<0.1	<0.1
4/7/2017		<0.1			
4/10/2017	<0.1		<0.1		
4/11/2017				<0.1	<0.1
6/22/2017		<0.1			
6/23/2017	<0.1		<0.1		
6/24/2017				<0.1	<0.1
10/10/2017	<0.1	<0.1			
10/11/2017			<0.1	<0.1	<0.1
3/23/2018		<0.1			
3/26/2018	<0.1		<0.1	<0.1	<0.1
10/4/2018	<0.1	<0.1	<0.1	<0.1	<0.1
3/27/2019			<0.1		
3/28/2019	0.033 (J)	0.042 (J)		0.039 (J)	<0.1
9/12/2019	0.042 (J)	0.028 (J)	0.028 (J)	0.042 (J)	<0.1
3/19/2020	0.042 (J)	0.039 (J)	0.037 (J)	0.053 (J)	<0.1
9/10/2020	0.04 (J)	<0.1			
9/11/2020			0.049 (J)	0.041 (J)	<0.1
4/5/2021			<0.1	0.05 (J)	
4/6/2021	0.031 (J)	<0.1			<0.1
8/13/2021	0.065 (J)	0.048 (J)	0.043 (J)		0.034 (J)
8/17/2021				0.094 (J)	
2/14/2022	0.074 (J)	0.057 (J)		0.055 (J)	0.041 (J)
2/15/2022			0.06 (J)		
8/31/2022	0.082 (J)	0.065 (J)	0.066 (J)	0.053 (J)	0.055 (J)
2/28/2023			0.074 (J)		0.031 (J)
3/1/2023	0.042 (J)	0.029 (J)		0.066 (J)	
8/3/2023	0.06 (J)	<0.1	<0.1	0.046 (J)	<0.1
3/4/2024	<0.1	<0.1	<0.1	<0.1	<0.1

Time Series

Constituent: Lead, Total (mg/L) Analysis Run 6/24/2024 9:54 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			<0.001	<0.001	<0.001		
12/21/2010						<0.001	<0.001
12/22/2010	<0.001	<0.001					
2/1/2011				<0.001	0.0027 (J)		
2/14/2011	0.0028 (J)	<0.001	0.0024 (J)			0.0029 (J)	0.0032 (J)
3/21/2011			<0.001	<0.001			0.0038 (J)
3/22/2011	0.0021 (J)	<0.001					
3/23/2011					0.0041 (J)	0.0028 (J)	
4/26/2011	0.003 (J)	0.0025 (J)	0.0027 (J)	0.0024 (J)			0.0046 (J)
4/27/2011					0.0054	0.0038 (J)	
10/25/2011						0.0043 (J)	
10/26/2011			0.0026 (J)		<0.001		0.0024 (J)
10/27/2011	0.0028 (J)	0.0033 (J)		0.0025 (J)			
5/1/2012	<0.001	<0.001	<0.001		<0.001	<0.001	
5/2/2012				<0.001			<0.001
11/8/2012	<0.001	<0.001	0.0023 (J)	0.003 (J)	0.0022 (J)	<0.001	0.0021 (J)
5/7/2013	0.0044 (J)	0.0048 (J)		0.0029 (J)	0.0062	0.0064	
5/8/2013			0.0026 (J)				0.006
11/4/2013	<0.001	<0.001	<0.001	<0.001			
11/5/2013					<0.001	<0.001	0.0023 (J)
5/23/2014					0.0026 (J)	<0.001	<0.001
5/24/2014	<0.001	<0.001	<0.001	<0.001			
11/7/2014			<0.001	<0.001	0.0022 (J)	0.0026 (J)	<0.001
11/8/2014	<0.001	0.0021 (J)					
5/20/2015			0.005 (J)	0.0037 (J)			
5/21/2015	0.0032 (J)	0.002 (J)			0.0049 (J)	0.0038 (J)	0.0062 (J)
11/12/2015					<0.001	0.0021 (J)	0.0035 (J)
11/13/2015	<0.001	<0.001	0.0031 (J)	<0.001			
4/6/2016	<0.001						
4/7/2016			<0.001	<0.001		<0.001	<0.001
4/8/2016		<0.001			<0.001		
6/14/2016	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001
6/17/2016						<0.001	
8/9/2016		<0.001	<0.001	<0.001	<0.001		<0.001
8/10/2016	<0.001					<0.001	
10/10/2016			<0.001	<0.001			
10/11/2016	<0.001	<0.001			<0.001		<0.001
10/14/2016						<0.001	
12/2/2016	<0.001		<0.001	<0.001			<0.001
12/5/2016		<0.001			<0.001		
12/19/2016						<0.001	
2/9/2017			<0.001				<0.001
2/10/2017	<0.001	<0.001		<0.001	<0.001		
2/13/2017						<0.001	
4/7/2017		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4/10/2017	<0.001						
6/22/2017			<0.001		<0.001	<0.001	<0.001
6/23/2017	<0.001			<0.001			
6/26/2017		<0.001					
10/9/2017	<0.001	<0.001					
10/10/2017			<0.001	<0.001	<0.001	<0.001	<0.001
3/22/2018			<0.001 (D)		0.00096 (J)		<0.001

Time Series

Constituent: Lead, T Total (mg/L) Analysis Run 6/24/2024 9:54 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
3/23/2018				<0.001		<0.001	
3/26/2018	<0.001	<0.001 (D)					
10/3/2018	<0.001	<0.001	<0.001			<0.001	<0.001
10/4/2018				<0.001			
10/5/2018					<0.001		
3/27/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
9/12/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
3/19/2020	<0.001	<0.001	0.00019 (J)	<0.001		0.0002 (J)	<0.001
3/20/2020					<0.001		
9/10/2020	0.0022	<0.001					<0.001
9/11/2020			0.0016	<0.001	<0.001	<0.001	
4/2/2021	<0.001	0.00018 (J)	<0.001				
4/5/2021				<0.001	<0.001	<0.001	
4/6/2021							<0.001
8/12/2021	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001
8/13/2021					<0.001		
2/14/2022	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001
2/15/2022		0.00025 (J)					
8/26/2022	<0.001	<0.001					
8/30/2022							<0.001
8/31/2022			<0.001	<0.001	<0.001	<0.001	
2/28/2023	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
3/1/2023							<0.001
8/2/2023	<0.001						
8/3/2023		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2/29/2024	0.00023 (J)						
3/4/2024		0.002	<0.001	<0.001	<0.001	<0.001	0.00043 (J)

Time Series

Constituent: Lead, T Total (mg/L) Analysis Run 6/24/2024 9:54 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					<0.001
12/21/2010				<0.001	
12/22/2010	<0.001	<0.001	<0.001		
2/14/2011					<0.001
2/15/2011	0.0021 (J)	0.0028 (J)	0.0032 (J)	0.0034 (J)	
3/21/2011				0.004 (J)	<0.001
3/22/2011	0.0027 (J)	0.0022 (J)	0.0024 (J)		
4/27/2011	0.0024 (J)	0.0033 (J)	0.0033 (J)		<0.001
4/28/2011				0.0036 (J)	
10/26/2011	0.0021 (J)	0.0028 (J)	0.0023 (J)	0.0038 (J)	<0.001
5/1/2012				<0.001	<0.001
5/2/2012	<0.001	<0.001	<0.001		
11/8/2012	<0.001	<0.001	<0.001		
11/9/2012				<0.001	<0.001
5/8/2013	0.0035 (J)	0.0043 (J)	0.0035 (J)	0.0059	<0.001
11/4/2013	<0.001	<0.001	<0.001	0.0027 (J)	<0.001
5/24/2014	<0.001	<0.001	<0.001	<0.001	<0.001
11/7/2014	<0.001		<0.001	<0.001	<0.001
11/8/2014		<0.001			
5/20/2015					0.0026 (O)
5/22/2015	0.0038 (J)	0.0042 (J)	0.0035 (J)	0.006 (J)	
11/13/2015	<0.001	<0.001	<0.001	0.0024 (J)	<0.001
4/8/2016					<0.001
4/11/2016	<0.001	<0.001	<0.001	<0.001	
6/15/2016	<0.001	<0.001			
6/16/2016			<0.001	<0.001	<0.001
8/10/2016	<0.001	<0.001	<0.001		
8/11/2016				<0.001	<0.001
10/11/2016	<0.001	<0.001			
10/13/2016			<0.001	<0.001	<0.001
12/2/2016		<0.001			
12/5/2016	<0.001		<0.001	<0.001	
12/6/2016					<0.001
2/13/2017	<0.001	<0.001	<0.001	<0.001	<0.001
4/7/2017		<0.001			
4/10/2017	<0.001		<0.001		
4/11/2017				<0.001	<0.001
6/22/2017		<0.001			
6/23/2017	<0.001		<0.001		
6/24/2017				<0.001	<0.001
10/10/2017	<0.001	<0.001			
10/11/2017			0.00041 (J)	<0.001	<0.001
3/23/2018		<0.001			
3/26/2018	<0.001		<0.001	0.0034 (o)	<0.001
10/4/2018	<0.001	<0.001	<0.001	<0.001	<0.001
3/27/2019			<0.001		
3/28/2019	<0.001	<0.001		<0.001	<0.001
9/12/2019	<0.001	<0.001	<0.001	<0.001	<0.001
3/19/2020	<0.001	<0.001	<0.001	<0.001	<0.001
9/10/2020	<0.001	<0.001			
9/11/2020			0.0015	<0.001	<0.001
4/5/2021			<0.001	<0.001	

Time Series

Constituent: Lead, T Total (mg/L) Analysis Run 6/24/2024 9:54 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/6/2021	<0.001	<0.001			<0.001
8/13/2021	<0.001	0.00054 (J)	0.00022 (J)		0.00017 (J)
8/17/2021				<0.001	
2/14/2022	<0.001	0.00019 (J)		<0.001	<0.001
2/15/2022			<0.001		
8/31/2022	<0.001	<0.001	<0.001	<0.001	<0.001
2/28/2023			<0.001		<0.001
3/1/2023	<0.001	<0.001		<0.001	
8/3/2023	<0.001	<0.001	<0.001	<0.001	<0.001
3/4/2024	<0.001	<0.001	<0.001	<0.001	<0.001

Time Series

Constituent: Mercury, Total (mg/L) Analysis Run 6/24/2024 9:54 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			<0.0002	<0.0002	<0.0002		
12/21/2010						<0.0002	<0.0002
12/22/2010	<0.0002	<0.0002					
2/1/2011				<0.0002	<0.0002		
2/14/2011	<0.0002	<0.0002	<0.0002			<0.0002	<0.0002
3/21/2011			<0.0002	<0.0002			<0.0002
3/22/2011	<0.0002	<0.0002					
3/23/2011					<0.0002	<0.0002	
4/26/2011	<0.0002	<0.0002	<0.0002	<0.0002			<0.0002
4/27/2011					<0.0002	<0.0002	
10/25/2011						<0.0002	
10/26/2011			<0.0002		<0.0002		<0.0002
10/27/2011	<0.0002	<0.0002		<0.0002			
5/1/2012	<0.0002	<0.0002	<0.0002		<0.0002	<0.0002	
5/2/2012				<0.0002			<0.0002
11/8/2012	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
5/7/2013	<0.0002	<0.0002		0.00011 (J)	8.1E-05 (J)	8.4E-05 (J)	
5/8/2013			<0.0002				<0.0002
11/4/2013	<0.0002	<0.0002	<0.0002	<0.0002			
11/5/2013					<0.0002	<0.0002	<0.0002
5/23/2014					<0.0002	<0.0002	<0.0002
5/24/2014	<0.0002	<0.0002	<0.0002	<0.0002			
11/7/2014			<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
11/8/2014	<0.0002	<0.0002					
5/20/2015			<0.0002	<0.0002			
5/21/2015	<0.0002	<0.0002			<0.0002	<0.0002	<0.0002
11/12/2015					<0.0002	<0.0002	<0.0002
11/13/2015	<0.0002	<0.0002	<0.0002	<0.0002			
4/6/2016	<0.0002						
4/7/2016			<0.0002	<0.0002		<0.0002	<0.0002
4/8/2016		<0.0002			<0.0002		
6/14/2016	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002		<0.0002
6/17/2016						<0.0002	
8/9/2016		<0.0002	<0.0002	<0.0002	<0.0002		<0.0002
8/10/2016	<0.0002					<0.0002	
10/10/2016			<0.0002	<0.0002			
10/11/2016	<0.0002	<0.0002			<0.0002		<0.0002
10/14/2016						<0.0002	
12/2/2016	<0.0002		<0.0002	<0.0002			<0.0002
12/5/2016		<0.0002			<0.0002		
12/19/2016						<0.0002	
2/9/2017			<0.0002				<0.0002
2/10/2017	<0.0002	<0.0002		<0.0002	<0.0002		
2/13/2017						<0.0002	
4/7/2017		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
4/10/2017	<0.0002						
6/22/2017			<0.0002		<0.0002	<0.0002	<0.0002
6/23/2017	<0.0002			<0.0002			
6/26/2017		<0.0002					
10/9/2017	8.7E-05 (J)	8.7E-05 (J)					
10/10/2017			8.9E-05 (J)	8.8E-05 (J)	9.2E-05 (J)	9.2E-05 (J)	8.8E-05 (J)
3/22/2018			<0.0002 (D)		<0.0002		<0.0002

Time Series

Constituent: Mercury, Total (mg/L) Analysis Run 6/24/2024 9:54 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
3/23/2018				<0.0002		<0.0002	
3/26/2018	<0.0002 (X)	<0.0002 (XD)					
10/3/2018	<0.0002 (X)	<0.0002 (X)	<0.0002 (X)			<0.0002 (X)	<0.0002 (X)
10/4/2018				<0.0002			
10/5/2018					<0.0002		
3/27/2019	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
9/12/2019	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
3/19/2020	<0.0002	<0.0002	<0.0002	<0.0002		<0.0002	<0.0002
3/20/2020					<0.0002		
9/10/2020	<0.0002	<0.0002					<0.0002
9/11/2020			<0.0002	<0.0002	<0.0002	<0.0002	
4/2/2021	<0.0002	<0.0002	<0.0002				
4/5/2021				<0.0002	<0.0002	<0.0002	
4/6/2021							<0.0002
8/12/2021	<0.0002	<0.0002	<0.0002	<0.0002		<0.0002	<0.0002
8/13/2021					<0.0002		
2/14/2022	<0.0002		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
2/15/2022		<0.0002					
8/26/2022	<0.0002	<0.0002					
8/30/2022							<0.0002
8/31/2022			<0.0002	<0.0002	<0.0002	<0.0002	
2/28/2023	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	
3/1/2023							<0.0002
8/2/2023	<0.0002						
8/3/2023		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
2/29/2024	<0.0002						
3/4/2024		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002

Time Series

Constituent: Mercury, Total (mg/L) Analysis Run 6/24/2024 9:54 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					<0.0002
12/21/2010				<0.0002	
12/22/2010	<0.0002	<0.0002	<0.0002		
2/14/2011					<0.0002
2/15/2011	<0.0002	<0.0002	<0.0002	<0.0002	
3/21/2011				<0.0002	<0.0002
3/22/2011	<0.0002	<0.0002	<0.0002		
4/27/2011	<0.0002	<0.0002	<0.0002		<0.0002
4/28/2011				<0.0002	
10/26/2011	<0.0002	<0.0002	<0.0002	8.2E-05	<0.0002
5/1/2012				<0.0002	<0.0002
5/2/2012	<0.0002	<0.0002	<0.0002		
11/8/2012	<0.0002	<0.0002	<0.0002		
11/9/2012				<0.0002	<0.0002
5/8/2013	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
11/4/2013	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
5/24/2014	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
11/7/2014	<0.0002		<0.0002	<0.0002	<0.0002
11/8/2014		<0.0002			
5/20/2015					<0.0002
5/22/2015	<0.0002	<0.0002	<0.0002	<0.0002	
11/13/2015	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
4/8/2016					<0.0002
4/11/2016	<0.0002	<0.0002	<0.0002	<0.0002	
6/15/2016	<0.0002	<0.0002			
6/16/2016			<0.0002	<0.0002	<0.0002
8/10/2016	<0.0002	<0.0002	<0.0002		
8/11/2016				<0.0002	<0.0002
10/11/2016	<0.0002	<0.0002			
10/13/2016			<0.0002	<0.0002	<0.0002
12/2/2016		<0.0002			
12/5/2016	<0.0002		<0.0002	<0.0002	
12/6/2016					<0.0002
2/13/2017	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
4/7/2017		<0.0002			
4/10/2017	<0.0002		<0.0002		
4/11/2017				<0.0002	<0.0002
6/22/2017		<0.0002			
6/23/2017	<0.0002		<0.0002		
6/24/2017				<0.0002	<0.0002
10/10/2017	9.1E-05 (J)	8.9E-05 (J)			
10/11/2017			<0.0002	<0.0002	<0.0002
3/23/2018		<0.0002 (X)			
3/26/2018	<0.0002		<0.0002	<0.0002	<0.0002 (X)
10/4/2018	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
3/27/2019			<0.0002		
3/28/2019	<0.0002	<0.0002		<0.0002	<0.0002
9/12/2019	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
3/19/2020	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
9/10/2020	<0.0002	<0.0002			
9/11/2020			<0.0002	<0.0002	<0.0002
4/5/2021			<0.0002	<0.0002	

Time Series

Constituent: Mercury, Total (mg/L) Analysis Run 6/24/2024 9:54 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/6/2021	<0.0002	<0.0002			<0.0002
8/13/2021	<0.0002	<0.0002	<0.0002		<0.0002
8/17/2021				<0.0002	
2/14/2022	<0.0002	<0.0002		<0.0002	<0.0002
2/15/2022			<0.0002		
8/31/2022	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
2/28/2023			<0.0002		<0.0002
3/1/2023	<0.0002	<0.0002		<0.0002	
8/3/2023	<0.0002	<0.0002	<0.0002	9E-05 (J)	<0.0002
3/4/2024	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002

Time Series

Constituent: Nickel, Total (mg/L) Analysis Run 6/24/2024 9:54 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			<0.001	<0.001	<0.001		
12/21/2010						0.0052	<0.001
12/22/2010	<0.001	0.003 (O)					
2/1/2011				<0.001	0.0072		
2/14/2011	<0.001	<0.001	<0.001			0.016	<0.001
3/21/2011			<0.001	<0.001			<0.001
3/22/2011	<0.001	<0.001					
3/23/2011					<0.001	<0.001	
4/26/2011	<0.001	<0.001	<0.001	<0.001			<0.001
4/27/2011					<0.001	<0.001	
10/25/2011						<0.001	
10/26/2011			<0.001		<0.001		<0.001
10/27/2011	<0.001	<0.001		<0.001			
5/1/2012	<0.001	<0.001	<0.001		<0.001	0.0035 (J)	
5/2/2012				<0.001			<0.001
11/8/2012	<0.001	<0.001	<0.001	0.0035 (O)	0.0066	0.0046 (J)	<0.001
5/7/2013	<0.001	<0.001		<0.001	0.022	0.0087	
5/8/2013			<0.001				<0.001
11/4/2013	<0.001	<0.001	<0.001	<0.001			
11/5/2013					0.0093	0.0036 (J)	<0.001
5/23/2014					0.0045 (J)	<0.001	<0.001
5/24/2014	<0.001	<0.001	<0.001	<0.001			
11/7/2014			<0.001	<0.001	0.0049 (J)	0.0064	<0.001
11/8/2014	<0.001	<0.001					
5/20/2015			<0.001	<0.001			
5/21/2015	<0.001	<0.001			0.012	0.0045 (J)	<0.001
11/12/2015					0.019	0.0036 (J)	<0.001
11/13/2015	<0.001	<0.001	<0.001	<0.001			
4/6/2016	<0.001						
4/7/2016			<0.001	<0.001		<0.001	<0.001
4/8/2016		<0.001			<0.001		
10/10/2016			<0.001	<0.001			
10/11/2016	<0.001	<0.001			<0.001		<0.001
10/14/2016						<0.001	
4/7/2017		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4/10/2017	<0.001						
10/9/2017	0.0024 (O)	<0.001					
10/10/2017			<0.001	<0.001	<0.001	<0.001	<0.001
3/22/2018			<0.001 (D)		<0.001		<0.001
3/23/2018				<0.001		<0.001	
3/26/2018	<0.001	<0.001 (D)					
10/3/2018	<0.001	<0.001	<0.001			<0.001	<0.001
10/4/2018				<0.001			
10/5/2018					<0.001		
3/27/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
9/12/2019	0.00097 (J)	<0.001	0.00061 (J)	0.0004 (J)	<0.001	<0.001	0.00043 (J)
3/19/2020	0.00037 (J)	<0.001	0.00074 (J)	<0.001		0.0004 (J)	<0.001
3/20/2020					<0.001		
9/10/2020	0.00095 (J)	<0.001					0.00062 (J)
9/11/2020			0.001	<0.001	<0.001	<0.001	
4/2/2021	0.00046 (J)	0.00049 (J)	0.00077 (J)				
4/5/2021				<0.001	<0.001	0.00034 (J)	

Time Series

Constituent: Nickel, Total (mg/L) Analysis Run 6/24/2024 9:54 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
4/6/2021							<0.001
8/12/2021	0.0011	0.00042 (J)	0.00092 (J)	<0.001		<0.001	0.0019
8/13/2021					<0.001		
2/14/2022	<0.001		<0.001	<0.001	<0.001	<0.001	0.00088 (J)
2/15/2022		0.0014					
8/26/2022	0.0012	0.00065 (J)					
8/30/2022							0.00074 (J)
8/31/2022			0.00065 (J)	0.00056 (J)	<0.001	<0.001	
2/28/2023	0.0015	0.00091 (J)	0.00064 (J)	<0.001	<0.001	<0.001	
3/1/2023							<0.001
8/2/2023	0.00086 (J)						
8/3/2023		0.00067 (J)	0.00067 (J)	0.00045 (J)	<0.001	<0.001	0.00046 (J)
2/29/2024	0.00097 (J)						
3/4/2024		0.00055 (J)	0.0011	<0.001	<0.001	<0.001	<0.001

Time Series

Constituent: Nickel, Total (mg/L) Analysis Run 6/24/2024 9:54 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					0.006
12/21/2010				<0.001	
12/22/2010	<0.0047	<0.0018	<0.0025		
2/14/2011					0.0067
2/15/2011	<0.0047	<0.0018	<0.0025	<0.001	
3/21/2011				<0.001	0.0066
3/22/2011	<0.0047	<0.0018	<0.0025		
4/27/2011	<0.0047	<0.0018	<0.0025		0.0077
4/28/2011				<0.001	
10/26/2011	<0.0047	<0.0018	<0.0025	<0.001	0.0063
5/1/2012				<0.001	0.0068
5/2/2012	<0.0047	<0.0018	<0.0025		
11/8/2012	<0.0047	<0.0018	<0.0025		
11/9/2012				<0.001	0.0067
5/8/2013	<0.0047	<0.0018	<0.0025	<0.001	0.0066
11/4/2013	<0.0047	<0.0018	<0.0025	<0.001	0.0072
5/24/2014	<0.0047	<0.0018	<0.0025	<0.001	0.0053
11/7/2014	<0.0047		<0.0025	<0.001	0.0052
11/8/2014		<0.0018			
5/20/2015					0.0067
5/22/2015	0.0032 (J)	<0.0018	<0.0025	<0.001	
11/13/2015	<0.0047	<0.0018	<0.0025	<0.001	0.0063
4/8/2016					<0.0073
4/11/2016	0.00388 (J)	<0.0018	<0.0025	<0.001	
10/11/2016	<0.0047	<0.0018			
10/13/2016			<0.0025	<0.001	<0.0073
4/7/2017		<0.0018			
4/10/2017	0.0042		<0.0025		
4/11/2017				<0.001	0.0075
10/10/2017	0.0037	<0.0018			
10/11/2017			0.0018 (J)	<0.001	0.0072
3/23/2018		<0.0018			
3/26/2018	0.0037		0.0021 (J)	<0.001	0.0075
10/4/2018	0.0037	<0.0018	0.0024 (J)	<0.001	0.0073
3/27/2019			0.0024 (J)		
3/28/2019	0.0038	<0.0018		<0.001	0.0069
9/12/2019	0.0035	0.0012	0.0019	<0.001	0.007
3/19/2020	0.0039	0.0015	0.0021	<0.001	0.007
9/10/2020	0.0035	0.0017			
9/11/2020			0.002	<0.001	0.0074
4/5/2021			0.002	<0.001	
4/6/2021	0.0042	0.0019			0.0072
8/13/2021	0.0037	0.0036	0.0034		0.0073
8/17/2021				<0.001	
2/14/2022	0.0034	0.0026		<0.001	0.0071
2/15/2022			0.0024		
8/31/2022	0.0033	0.0031	0.0025	<0.001	0.0069
2/28/2023			0.0028		0.0073
3/1/2023	0.0038	0.0073		<0.001	
8/3/2023	0.0031	0.0033	0.0028	<0.001	0.0071
3/4/2024	0.0028	0.0029	0.0024	<0.001	0.0077

Time Series

Constituent: pH (S.U.) Analysis Run 6/24/2024 9:54 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
11/7/2014			6.26	5.92	6.54	6.91	6.99
11/8/2014	5.89	5.92					
5/21/2015		5.97					
11/12/2015					6.43	6.81	7
11/13/2015	5.65	5.8	6.02	5.78			
4/6/2016	5.9 (D)						
4/7/2016			6.48	6.83	6.45 (D)	6.74	6.85
4/8/2016		6.12			6.45		
6/14/2016	5.75	5.84	6.05	5.82	6.4		6.83
6/17/2016						6.78	
8/1/2016				5.78			
8/9/2016		5.75	6.05		6.43		6.77
8/10/2016	5.75					6.73	
10/10/2016			6.02	5.78			
10/11/2016	5.8	5.84			6.34		6.83
10/14/2016						6.7	
12/2/2016	5.78		5.95	5.71			6.79
12/5/2016		5.7			6.46	6.71	
2/9/2017			6.24				6.65
2/10/2017	5.83	6.17		5.79	6.33		
2/13/2017						6.56	
4/7/2017		5.99	5.95	5.93	6.38	6.62	6.75
4/10/2017	5.74						
6/22/2017			6.02		6.45	6.76	6.85
6/23/2017				5.77			
6/26/2017	5.83	5.87					
10/9/2017	5.61	5.52					
10/10/2017			6	5.81	6.44	6.7	6.84
3/22/2018			6.2		6.46		7
3/23/2018				5.89		6.92	
3/26/2018	5.76	6.06					
10/3/2018	5.78	5.83	6.03			6.81	6.93
10/4/2018				5.86			
10/5/2018					6.47		
3/27/2019	5.97	6.04	6.31	5.95	6.52	6.86	6.91
9/12/2019	5.83	5.87		5.83	6.49	6.78	6.82
9/13/2019			5.96				
3/19/2020	5.81	6.14	6.46	5.93	6.39	6.73	6.87
3/20/2020					6.39		
9/10/2020	5.83	5.78					6.91
9/11/2020			5.98	6.02	6.59	6.76	
4/2/2021	6.06	6.03	5.92				
4/5/2021				5.92	6.59	6.78	
4/6/2021							6.87
6/1/2021				5.8	6.46	6.78	
8/12/2021	5.88	5.91	5.92	5.71		6.86	6.86
8/13/2021					6.33		
2/14/2022	5.99		6.31	5.85	6.6	6.93	7.1
2/15/2022		6.4					
8/26/2022	5.73 (D)	5.86 (D)					
8/30/2022							7.08
8/31/2022			6.03	5.8	6.53	6.91	

Time Series

Constituent: pH (S.U.) Analysis Run 6/24/2024 9:54 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
10/25/2022			5.99	5.88	6.48	6.81	6.96
11/16/2022			6.02	5.88	6.51	6.83	6.91
2/28/2023	5.81	6.21	5.88	5.91	6.52	6.87	
3/1/2023							6.98
8/2/2023	5.86						
8/3/2023		6.03	5.93	5.841351	6.42	6.84	6.88
2/29/2024	5.8						
3/4/2024		6.41	6.54	5.94	6.49	6.86	6.96

Time Series

Constituent: pH (S.U.) Analysis Run 6/24/2024 9:54 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
11/7/2014			5.95	6.75	5.67
11/8/2014		5.94			
5/22/2015	5.8	5.79	5.84	6.65	
5/25/2015			8.36 (o)	7.63 (o)	7.725 (oD)
11/13/2015	5.87	5.92	5.82	6.77	5.52
4/8/2016					5.63
4/11/2016	5.84	5.82	5.88	6.64	
6/15/2016	5.82	5.85			
6/16/2016			5.85	6.6	5.56
8/10/2016	5.82	5.85	5.83		
8/11/2016				6.61	5.56
10/11/2016	5.78	5.76			
10/13/2016			5.84	6.64	5.61
12/2/2016		5.76			
12/5/2016	5.72		5.81	6.63	
12/6/2016					5.48
2/13/2017	5.81	5.8	5.76	6.59	5.57
4/7/2017		5.75			
4/10/2017	5.75		5.78		
4/11/2017				6.53	5.52
6/22/2017		5.83			
6/23/2017	5.78		5.82		
6/26/2017				6.6	5.56
10/10/2017	5.82	5.76			
10/11/2017			5.83	6.61	5.51
3/23/2018		5.98			
3/26/2018	5.91		5.98	6.77	5.78
10/4/2018	5.83	5.85	5.85	6.67	5.56
3/27/2019			5.94		
3/28/2019	5.95	5.71		6.71	5.67
9/12/2019	5.98		5.86	6.68	
9/13/2019		5.78			5.55
3/19/2020	5.97	5.78	5.9	6.64	5.65
9/10/2020	6.09	5.78			
9/11/2020			5.84	6.64	5.69
4/5/2021			5.99	6.68	
4/6/2021	6.3	5.76			5.67
6/2/2021			5.87	6.6	
8/13/2021	6.18	5.86	5.92		5.47
8/17/2021				6.63	
2/14/2022	6.29	5.9		6.79	5.65
2/15/2022			6.02		
8/31/2022	6.21	5.85	5.91	6.74	5.59
10/25/2022	6.21	5.89	5.94	6.65	5.64
11/16/2022	6.14	5.81	5.87	6.65	5.65
2/28/2023			5.86		5.66
3/1/2023	6.11	5.69		6.59	
5/2/2023		5.82 (R)			
8/3/2023	5.94	5.89	5.86	6.63	5.56
3/4/2024	6.52	5.77	5.85	7.01	5.9
5/20/2024					5.6 (R)

Time Series

Constituent: Selenium, T Total (mg/L) Analysis Run 6/24/2024 9:54 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			<0.005	<0.005	<0.005		
12/21/2010						<0.005	<0.005
12/22/2010	<0.005	<0.005					
2/1/2011				<0.005	<0.005		
2/14/2011	<0.005	<0.005	<0.005			<0.005	<0.005
3/21/2011			<0.005	<0.005			<0.005
3/22/2011	<0.005	<0.005					
3/23/2011					<0.005	<0.005	
4/26/2011	<0.005	<0.005	<0.005	<0.005			<0.005
4/27/2011					<0.005	<0.005	
10/25/2011						<0.005	
10/26/2011			<0.005		<0.005		<0.005
10/27/2011	<0.005	<0.005		<0.005			
5/1/2012	<0.005	<0.005	<0.005		<0.005	<0.005	
5/2/2012				<0.005			<0.005
11/8/2012	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
5/7/2013	<0.005	<0.005		<0.005	<0.005	0.0046	
5/8/2013			0.0048				<0.005
11/4/2013	0.0061 (O)	0.0048	<0.005	<0.005			
11/5/2013					0.0064 (O)	0.0047	<0.005
5/23/2014					<0.005	<0.005	<0.005
5/24/2014	<0.005	<0.005	0.0042	<0.005			
11/7/2014			<0.005	<0.005	<0.005	<0.005	<0.005
11/8/2014	<0.005	<0.005					
5/20/2015			0.0093 (O)	<0.005			
5/21/2015	0.0072 (O)	0.0041			<0.005	0.0077 (O)	0.0041
11/12/2015					<0.005	<0.005	<0.005
11/13/2015	<0.005	<0.005	0.0061 (O)	<0.005			
4/6/2016	<0.005						
4/7/2016			<0.005	<0.005		<0.005	<0.005
4/8/2016		<0.005			<0.005		
6/14/2016	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005
6/17/2016						<0.005	
8/9/2016		<0.005	<0.005	<0.005	<0.005		<0.005
8/10/2016	<0.005					<0.005	
10/10/2016			<0.005	<0.005			
10/11/2016	<0.005	<0.005			<0.005		<0.005
10/14/2016						<0.005	
12/2/2016	<0.005		<0.005	<0.005			<0.005
12/5/2016		<0.005			<0.005		
12/19/2016						<0.005	
2/9/2017			<0.005				<0.005
2/10/2017	<0.005	0.0032		<0.005	<0.005		
2/13/2017						<0.005	
4/7/2017		<0.005	<0.005	<0.005	<0.005	<0.005	0.00092 (J)
4/10/2017	<0.005						
6/22/2017			<0.005		0.0021	<0.005	<0.005
6/23/2017	<0.005			<0.005			
6/26/2017		<0.005					
10/9/2017	<0.005	<0.005					
10/10/2017			0.00033 (J)	<0.005	<0.005	<0.005	<0.005
3/22/2018			<0.005 (D)		<0.005		<0.005

Time Series

Constituent: Selenium, T Total (mg/L) Analysis Run 6/24/2024 9:54 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
3/23/2018				<0.005		<0.005	
3/26/2018	<0.005	<0.005 (D)					
10/3/2018	<0.005	<0.005	<0.005			<0.005	<0.005
10/4/2018				<0.005			
10/5/2018					<0.005		
3/27/2019	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
9/12/2019	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
3/19/2020	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005
3/20/2020					<0.005		
9/10/2020	<0.005	<0.005					<0.005
9/11/2020			<0.005	<0.005	<0.005	<0.005	
4/2/2021	<0.005	<0.005	<0.005				
4/5/2021				<0.005	<0.005	<0.005	
4/6/2021							<0.005
8/12/2021	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005
8/13/2021					<0.005		
2/14/2022	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005
2/15/2022		<0.005					
8/26/2022	<0.005	<0.005					
8/30/2022							<0.005
8/31/2022			<0.005	<0.005	<0.005	<0.005	
2/28/2023	<0.005	<0.005	0.00076 (J)	<0.005	<0.005	<0.005	
3/1/2023							<0.005
8/2/2023	<0.005						
8/3/2023		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2/29/2024	<0.005						
3/4/2024		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

Time Series

Constituent: Selenium, T Total (mg/L) Analysis Run 6/24/2024 9:54 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					<0.005
12/21/2010				<0.005	
12/22/2010	<0.005	<0.005	<0.005		
2/14/2011					<0.005
2/15/2011	<0.005	<0.005	<0.005	<0.005	
3/21/2011				<0.005	<0.005
3/22/2011	<0.005	<0.005	<0.005		
4/27/2011	<0.005	<0.005	<0.005		<0.005
4/28/2011				<0.005	
10/26/2011	<0.005	<0.005	<0.005	<0.005	<0.005
5/1/2012				<0.005	<0.005
5/2/2012	<0.005	<0.005	<0.005		
11/8/2012	<0.005	<0.005	<0.005		
11/9/2012				<0.005	<0.005
5/8/2013	<0.005	0.0042	<0.005	<0.005	<0.005
11/4/2013	<0.005	<0.005	<0.005	0.0049	<0.005
5/24/2014	0.0044	<0.005	<0.005	<0.005	<0.005
11/7/2014	<0.005		<0.005	<0.005	<0.005
11/8/2014		<0.005			
5/20/2015					<0.005
5/22/2015	<0.005	<0.005	<0.005	0.0067 (O)	
11/13/2015	<0.005	<0.005	<0.005	<0.005	<0.005
4/8/2016					<0.005
4/11/2016	<0.005	<0.005	<0.005	<0.005	
6/15/2016	<0.005	<0.005			
6/16/2016			<0.005	<0.005	<0.005
8/10/2016	<0.005	<0.005	<0.005		
8/11/2016				0.00036 (J)	<0.005
10/11/2016	<0.005	<0.005			
10/13/2016			<0.005	0.00035 (J)	0.00046 (J)
12/2/2016		<0.005			
12/5/2016	<0.005		<0.005	<0.005	
12/6/2016					<0.005
2/13/2017	<0.005	<0.005	<0.005	<0.005	0.0025
4/7/2017		0.0021			
4/10/2017	<0.005		<0.005		
4/11/2017				0.0027	0.00089 (J)
6/22/2017		<0.005			
6/23/2017	<0.005		<0.005		
6/24/2017				<0.005	<0.005
10/10/2017	<0.005	<0.005			
10/11/2017			<0.005	<0.005	<0.005
3/23/2018		<0.005			
3/26/2018	<0.005		<0.005	<0.005	<0.005
10/4/2018	0.00032 (J)	<0.005	<0.005	0.0004 (J)	<0.005
3/27/2019			<0.005		
3/28/2019	<0.005	<0.005		<0.005	<0.005
9/12/2019	<0.005	<0.005	<0.005	<0.005	<0.005
3/19/2020	<0.005	<0.005	<0.005	<0.005	<0.005
9/10/2020	<0.005	<0.005			
9/11/2020			<0.005	<0.005	<0.005
4/5/2021			<0.005	<0.005	

Time Series

Constituent: Selenium, T Total (mg/L) Analysis Run 6/24/2024 9:54 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/6/2021	<0.005	<0.005			<0.005
8/13/2021	<0.005	<0.005	<0.005		<0.005
8/17/2021				<0.005	
2/14/2022	<0.005	<0.005		<0.005	<0.005
2/15/2022			<0.005		
8/31/2022	<0.005	<0.005	<0.005	<0.005	<0.005
2/28/2023			<0.005		<0.005
3/1/2023	<0.005	<0.005		0.00099 (J)	
8/3/2023	<0.005	<0.005	<0.005	<0.005	<0.005
3/4/2024	<0.005	<0.005	<0.005	<0.005	<0.005

Time Series

Constituent: Silver, Total (mg/L) Analysis Run 6/24/2024 9:54 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			<0.001	<0.001	<0.001		
12/21/2010						<0.001	<0.001
12/22/2010	<0.001	<0.001					
2/1/2011				<0.001	<0.001		
2/14/2011	<0.001	<0.001	<0.001			<0.001	<0.001
3/21/2011			<0.001	<0.001			<0.001
3/22/2011	<0.001	<0.001					
3/23/2011					<0.001	<0.001	
4/26/2011	<0.001	<0.001	<0.001	<0.001			<0.001
4/27/2011					<0.001	<0.001	
10/25/2011						<0.001	
10/26/2011			<0.001		<0.001		<0.001
10/27/2011	<0.001	<0.001		<0.001			
5/1/2012	<0.001	<0.001	<0.001		<0.001	<0.001	
5/2/2012				<0.001			<0.001
11/8/2012	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
5/7/2013	<0.001	<0.001		<0.001	<0.001	<0.001	
5/8/2013			<0.001				<0.001
11/4/2013	<0.001	<0.001	<0.001	<0.001			
11/5/2013					<0.001	<0.001	<0.001
5/23/2014					<0.001	<0.001	<0.001
5/24/2014	<0.001	<0.001	<0.001	<0.001			
11/7/2014			<0.001	<0.001	<0.001	<0.001	<0.001
11/8/2014	<0.001	<0.001					
5/20/2015			<0.001	<0.001			
5/21/2015	<0.001	<0.001			<0.001	<0.001	<0.001
11/12/2015					<0.001	<0.001	<0.001
11/13/2015	<0.001	<0.001	<0.001	<0.001			
4/6/2016	<0.001						
4/7/2016			<0.001	<0.001		<0.001	<0.001
4/8/2016		<0.001			<0.001		
10/10/2016			<0.001	<0.001			
10/11/2016	<0.001	<0.001			<0.001		<0.001
10/14/2016						<0.001	
4/7/2017		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4/10/2017	<0.001						
10/9/2017	<0.001	<0.001					
10/10/2017			<0.001	<0.001	<0.001	<0.001	<0.001
3/22/2018			<0.001 (D)		<0.001		<0.001
3/23/2018				<0.001		<0.001	
3/26/2018	<0.001	<0.001 (D)					
10/3/2018	<0.001	<0.001	<0.001			<0.001	<0.001
10/4/2018				<0.001			
10/5/2018					<0.001		
3/27/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
9/12/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
3/19/2020	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001
3/20/2020					<0.001		
9/10/2020	<0.001	<0.001					<0.001
9/11/2020			<0.001	<0.001	<0.001	<0.001	
4/2/2021	<0.001	<0.001	<0.001				
4/5/2021				<0.001	<0.001	<0.001	

Time Series

Constituent: Silver, Total (mg/L) Analysis Run 6/24/2024 9:54 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
4/6/2021							<0.001
8/12/2021	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001
8/13/2021					<0.001		
2/14/2022	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001
2/15/2022		<0.001					
8/26/2022	<0.001	<0.001					
8/30/2022							<0.001
8/31/2022			<0.001	<0.001	<0.001	<0.001	
2/28/2023	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
3/1/2023							<0.001
8/2/2023	<0.001						
8/3/2023		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2/29/2024	<0.001						
3/4/2024		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001

Time Series

Constituent: Silver, Total (mg/L) Analysis Run 6/24/2024 9:54 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					<0.001
12/21/2010				<0.001	
12/22/2010	<0.001	<0.001	<0.001		
2/14/2011					<0.001
2/15/2011	<0.001	<0.001	<0.001	<0.001	
3/21/2011				<0.001	<0.001
3/22/2011	<0.001	<0.001	<0.001		
4/27/2011	<0.001	<0.001	<0.001		<0.001
4/28/2011				<0.001	
10/26/2011	<0.001	<0.001	<0.001	<0.001	<0.001
5/1/2012				<0.001	<0.001
5/2/2012	<0.001	<0.001	<0.001		
11/8/2012	<0.001	<0.001	<0.001		
11/9/2012				<0.001	<0.001
5/8/2013	<0.001	<0.001	<0.001	<0.001	<0.001
11/4/2013	<0.001	<0.001	<0.001	<0.001	<0.001
5/24/2014	<0.001	<0.001	<0.001	<0.001	<0.001
11/7/2014	<0.001		<0.001	<0.001	<0.001
11/8/2014		<0.001			
5/20/2015					<0.001
5/22/2015	<0.001	<0.001	<0.001	<0.001	
11/13/2015	<0.001	<0.001	<0.001	<0.001	<0.001
4/8/2016					<0.001
4/11/2016	<0.001	<0.001	<0.001	<0.001	
10/11/2016	<0.001	<0.001			
10/13/2016			<0.001	<0.001	<0.001
4/7/2017		<0.001			
4/10/2017	<0.001		<0.001		
4/11/2017				<0.001	<0.001
10/10/2017	<0.001	<0.001			
10/11/2017			<0.001	<0.001	<0.001
3/23/2018		<0.001			
3/26/2018	<0.001		<0.001	<0.001	<0.001
10/4/2018	<0.001	<0.001	<0.001	<0.001	<0.001
3/27/2019			<0.001		
3/28/2019	<0.001	<0.001		<0.001	<0.001
9/12/2019	<0.001	<0.001	<0.001	<0.001	<0.001
3/19/2020	<0.001	<0.001	<0.001	<0.001	<0.001
9/10/2020	<0.001	<0.001			
9/11/2020			<0.001	<0.001	<0.001
4/5/2021			<0.001	<0.001	
4/6/2021	<0.001	<0.001			<0.001
8/13/2021	<0.001	<0.001	<0.001		<0.001
8/17/2021				<0.001	
2/14/2022	<0.001	<0.001		<0.001	<0.001
2/15/2022			<0.001		
8/31/2022	<0.001	<0.001	<0.001	<0.001	<0.001
2/28/2023			<0.001		<0.001
3/1/2023	<0.001	<0.001		<0.001	
8/3/2023	<0.001	<0.001	<0.001	<0.001	<0.001
3/4/2024	<0.001	<0.001	<0.001	<0.001	<0.001

Time Series

Constituent: Sulfate (mg/L) Analysis Run 6/24/2024 9:54 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
4/6/2016	0.813 (J)						
4/7/2016			107.095	0.594 (J)		1.522	0.507 (J)
4/8/2016		<1			<1		
6/14/2016	<1.1	<1	160	<1	<1		<1
6/17/2016						1.1	
8/9/2016		<1	130	<1	<1		<1
8/10/2016	0.9 (J)					1.1	
10/10/2016			140	<1			
10/11/2016	0.99 (J)	<1			<1		<1
10/14/2016						0.89 (J)	
12/2/2016	0.99 (J)		150	<1			<1
12/5/2016		<1			<1		
12/19/2016						1.2	
2/9/2017			150				<1
2/10/2017	1.4	<1		<1	<1		
2/13/2017						1.4	
4/7/2017		<1	140	<1	<1	1.2	<1
4/10/2017	1.6						
6/22/2017			160		<1	1.1	<1
6/23/2017	1.8			<1			
6/26/2017		<1					
10/9/2017	2.5	<1					
10/10/2017			160	<1	<1	0.92 (J)	<1
3/22/2018			150 (D)		<1		<1
3/23/2018				<1		1.3	
3/26/2018	2.3	<1 (D)					
10/3/2018	1.9	<1	140			1.2	<1
10/4/2018				<1			
10/5/2018					<1		
3/27/2019	0.81 (J)	<1	140	0.52 (J)	<1	1.6	0.56 (J)
9/12/2019	1.3	0.38 (J)	170	0.61 (J)	0.4 (J)	1.2	0.77 (J)
3/19/2020	0.92 (J)	<1	150	0.39 (J)		1.5	0.56 (J)
3/20/2020					0.58 (J)		
9/10/2020	1.3	<1					0.42 (J)
9/11/2020			170	0.99 (J)	0.39 (J)	1.3	
4/2/2021	0.99 (J)	<1	180				
4/5/2021				<1	<1	1.3	
4/6/2021							<1
8/12/2021	1.8	<1	180	1		1	<1
8/13/2021					<1		
2/14/2022	1		130	<1	<1	1.2	0.85 (J)
2/15/2022		0.87 (J)					
8/26/2022	2.7	<1					
8/30/2022							0.76 (J)
8/31/2022			170	1.1	1.1	1.6	
2/28/2023	2.7	1.7	170	1.7	1.6	2.5	
3/1/2023							1.2
8/2/2023	1.4						
8/3/2023		<1	170	0.49 (J)	<1	0.94 (J)	0.46 (J)
2/29/2024	2.8						
3/4/2024		<1	160	0.64 (J)	0.46 (J)	1.4	0.66 (J)

Time Series

Constituent: Sulfate (mg/L) Analysis Run 6/24/2024 9:54 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/8/2016					135.355
4/11/2016	2.15	<1	0.415 (J)	<1	
6/15/2016	<2.5	<1			
6/16/2016			<0.7	10	140
8/10/2016	2.5	<1	<0.7		
8/11/2016				9.8	130
10/11/2016	2.7	<1			
10/13/2016			<0.7	11	140
12/2/2016		<1			
12/5/2016	2.6		<0.7	13	
12/6/2016					150
2/13/2017	2.4	<1	<0.7	14	160
4/7/2017		<1			
4/10/2017	2.3		<0.7		
4/11/2017				12	130
6/22/2017		<1			
6/23/2017	2.5		<0.7		
6/24/2017				12	160
10/10/2017	2.5	<1			
10/11/2017			<0.7	13	160
3/23/2018		<1			
3/26/2018	2.4		<0.7	20	160
10/4/2018	2.8	<1	<0.7	23	170
3/27/2019			2.7		
3/28/2019	3.2	0.38 (J)		29	170
9/12/2019	3.2	<1	0.65 (J)	34	170
3/19/2020	3.2	<1	0.71 (J)	40	170
9/10/2020	2.7	<1			
9/11/2020			2.6	39	160
4/5/2021			1.7	57	
4/6/2021	2.5	<1			160
8/13/2021	2.7	<1	1.4		170
8/17/2021				54	
2/14/2022	2.9	<1		56	150
2/15/2022			1.8		
8/31/2022	2.8	0.88 (J)	2.4	65	170
2/28/2023			3.2		170
3/1/2023	2.4	170		70	
8/3/2023	1.7	<1	2.2	74	170
3/4/2024	2.1	<1	2.9	90	180

Time Series

Constituent: Thallium, Total (mg/L) Analysis Run 6/24/2024 9:54 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			0.00026 (J)	<0.001	<0.001		
12/21/2010						<0.001	<0.001
12/22/2010	<0.001	<0.001					
2/1/2011				<0.001	<0.001		
2/14/2011	<0.001	<0.001	<0.001			<0.001	<0.001
3/21/2011			<0.001	<0.001			<0.001
3/22/2011	<0.001	<0.001					
3/23/2011					<0.001	<0.001	
4/26/2011	<0.001	<0.001	<0.001	<0.001			<0.001
4/27/2011					<0.001	<0.001	
10/25/2011						<0.001	
10/26/2011			<0.001		<0.001		<0.001
10/27/2011	<0.001	<0.001		<0.001			
5/1/2012	<0.001	<0.001	<0.001		<0.001	<0.001	
5/2/2012				<0.001			<0.001
11/8/2012	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
5/7/2013	<0.001	<0.001		<0.001	<0.001	<0.001	
5/8/2013			<0.001				<0.001
11/4/2013	0.00025 (J)	<0.001	<0.001	<0.001			
11/5/2013					<0.001	<0.001	<0.001
5/23/2014					<0.001	<0.001	<0.001
5/24/2014	<0.001	<0.001	<0.001	<0.001			
11/7/2014			0.00032	<0.001	<0.001	<0.001	<0.001
11/8/2014	0.00048	0.00086					
5/20/2015			<0.001	<0.001			
5/21/2015	<0.001	<0.001			<0.001	<0.001	<0.001
11/12/2015					<0.001	<0.001	<0.001
11/13/2015	<0.001	<0.001	<0.001	<0.001			
4/6/2016	<0.001						
4/7/2016			<0.001	<0.001		<0.001	<0.001
4/8/2016		<0.001			<0.001		
6/14/2016	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001
6/17/2016						<0.001	
8/9/2016		<0.001	<0.001	<0.001	<0.001		<0.001
8/10/2016	<0.001					<0.001	
10/10/2016			<0.001	<0.001			
10/11/2016	<0.001	<0.001			<0.001		<0.001
10/14/2016						<0.001	
12/2/2016	<0.001		<0.001	<0.001			<0.001
12/5/2016		<0.001			<0.001		
12/19/2016						<0.001	
2/9/2017			<0.001				<0.001
2/10/2017	<0.001	<0.001		<0.001	<0.001		
2/13/2017						<0.001	
4/7/2017		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4/10/2017	<0.001						
6/22/2017			<0.001		<0.001	<0.001	<0.001
6/23/2017	<0.001			<0.001			
6/26/2017		<0.001					
10/9/2017	<0.001	<0.001					
10/10/2017			<0.001	<0.001	<0.001	<0.001	<0.001
3/22/2018			<0.001 (D)		<0.001		<0.001

Time Series

Constituent: Thallium, Total (mg/L) Analysis Run 6/24/2024 9:54 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
3/23/2018				<0.001		<0.001	
3/26/2018	<0.001	<0.001 (D)					
10/3/2018	<0.001	<0.001	<0.001			<0.001	<0.001
10/4/2018				<0.001			
10/5/2018					<0.001		
3/27/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
9/12/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
3/19/2020	<0.001	<0.001	0.00036 (J)	<0.001		0.00018 (J)	<0.001
3/20/2020					<0.001		
9/10/2020	<0.001	<0.001					<0.001
9/11/2020			<0.001	<0.001	<0.001	<0.001	
4/2/2021	0.00016 (J)	0.00036 (J)	<0.001				
4/5/2021				<0.001	<0.001	0.00043 (J)	
4/6/2021							<0.001
8/12/2021	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001
8/13/2021					<0.001		
2/14/2022	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001
2/15/2022		<0.001					
8/26/2022	<0.001	<0.001					
8/30/2022							<0.001
8/31/2022			<0.001	<0.001	<0.001	<0.001	
2/28/2023	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
3/1/2023							<0.001
8/2/2023	<0.001						
8/3/2023		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2/29/2024	<0.001						
3/4/2024		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001

Time Series

Constituent: Thallium, Total (mg/L) Analysis Run 6/24/2024 9:54 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					<0.001
12/21/2010				<0.001	
12/22/2010	<0.001	<0.001	<0.001		
2/14/2011					<0.001
2/15/2011	<0.001	<0.001	<0.001	<0.001	
3/21/2011				<0.001	<0.001
3/22/2011	<0.001	<0.001	<0.001		
4/27/2011	<0.001	<0.001	<0.001		<0.001
4/28/2011				<0.001	
10/26/2011	<0.001	<0.001	<0.001	<0.001	<0.001
5/1/2012				<0.001	<0.001
5/2/2012	<0.001	<0.001	<0.001		
11/8/2012	<0.001	<0.001	<0.001		
11/9/2012				<0.001	<0.001
5/8/2013	<0.001	0.00028	<0.001	<0.001	<0.001
11/4/2013	<0.001	<0.001	<0.001	<0.001	<0.001
5/24/2014	<0.001	<0.001	<0.001	<0.001	<0.001
11/7/2014	<0.001		<0.001	<0.001	<0.001
11/8/2014		<0.001			
5/20/2015					<0.001
5/22/2015	<0.001	<0.001	<0.001	<0.001	
11/13/2015	<0.001	<0.001	<0.001	<0.001	<0.001
4/8/2016					<0.001
4/11/2016	<0.001	<0.001	<0.001	<0.001	
6/15/2016	<0.001	<0.001			
6/16/2016			<0.001	<0.001	<0.001
8/10/2016	<0.001	<0.001	<0.001		
8/11/2016				<0.001	<0.001
10/11/2016	<0.001	<0.001			
10/13/2016			<0.001	<0.001	<0.001
12/2/2016		<0.001			
12/5/2016	<0.001		<0.001	<0.001	
12/6/2016					<0.001
2/13/2017	<0.001	<0.001	<0.001	<0.001	<0.001
4/7/2017		<0.001			
4/10/2017	<0.001		<0.001		
4/11/2017				<0.001	<0.001
6/22/2017		<0.001			
6/23/2017	<0.001		<0.001		
6/24/2017				<0.001	<0.001
10/10/2017	<0.001	<0.001			
10/11/2017			<0.001	<0.001	<0.001
3/23/2018		<0.001			
3/26/2018	<0.001		<0.001	<0.001	<0.001
10/4/2018	<0.001	<0.001	<0.001	<0.001	<0.001
3/27/2019			<0.001		
3/28/2019	<0.001	<0.001		<0.001	<0.001
9/12/2019	<0.001	<0.001	<0.001	<0.001	<0.001
3/19/2020	<0.001	<0.001	<0.001	<0.001	<0.001
9/10/2020	<0.001	<0.001			
9/11/2020			<0.001	<0.001	<0.001
4/5/2021			0.00022 (J)	<0.001	

Time Series

Constituent: Thallium, Total (mg/L) Analysis Run 6/24/2024 9:54 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/6/2021	<0.001	<0.001			<0.001
8/13/2021	<0.001	<0.001	<0.001		<0.001
8/17/2021				<0.001	
2/14/2022	<0.001	<0.001		<0.001	<0.001
2/15/2022			<0.001		
8/31/2022	<0.001	<0.001	<0.001	<0.001	<0.001
2/28/2023			<0.001		<0.001
3/1/2023	<0.001	<0.001		<0.001	
8/3/2023	<0.001	<0.001	<0.001	<0.001	<0.001
3/4/2024	<0.001	<0.001	<0.001	<0.001	<0.001

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 6/24/2024 9:54 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
4/6/2016	51						
4/7/2016			237	69		100	114
4/8/2016		74			89		
6/14/2016	62	111	240	<25	55		56 (O)
6/17/2016						69	
8/9/2016		44	230	40	90		100
8/10/2016	70					110	
10/10/2016			240	34			
10/11/2016	84	64			86		110
10/14/2016						100	
12/2/2016	74		270	50			94
12/5/2016		52			74		
12/19/2016						100	
2/9/2017			240				100
2/10/2017	100	86		60	100		
2/13/2017						80	
4/7/2017		68	260	70	92	86	100
4/10/2017	82						
6/22/2017			300		64	72	110
6/23/2017	72			42			
6/26/2017		76					
10/9/2017	82	50					
10/10/2017			280	34	68	70	100
3/22/2018			310		92		100
3/23/2018				52		86	
3/26/2018	94	56					
10/3/2018	72	42	190			88	96
10/4/2018				48			
10/5/2018					90		
3/27/2019	98	76	290	66	94	100	120
9/12/2019	130	72	340	97	88	110	120
3/19/2020	100	65	310	51		97	110
3/20/2020					99		
9/10/2020	110	56					130
9/11/2020			340	51	110	120	
4/2/2021	100	69	360				
4/5/2021				46	63	99	
4/6/2021							110
8/12/2021	98	68	330	55		100	120
8/13/2021					110		
2/14/2022	100		290	68	94	100	110
2/15/2022		85					
8/26/2022	110	83					
11/16/2022			300	55	94	100	110
2/28/2023	98	99	320	64	120	110	
3/1/2023							120
8/2/2023	98						
8/3/2023		77	310	63	100	100	130
2/29/2024	92						
3/4/2024		96	310	66	99	100	110

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 6/24/2024 9:54 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/8/2016					237
4/11/2016	88	79	88	103	
6/15/2016	114	79			
6/16/2016			74	117	231
8/10/2016	82	72	66		
8/11/2016				94	190
10/11/2016	92	76			
10/13/2016			72	110	230
12/2/2016		60			
12/5/2016	86		70	130	
12/6/2016					260
2/13/2017	62	58	12 (O)	92	230
4/7/2017		68			
4/10/2017	60		80		
4/11/2017				120	210
6/22/2017		16			
6/23/2017	74		66		
6/24/2017				120	250
10/10/2017	86	44			
10/11/2017			56	120	280
3/23/2018		96			
3/26/2018	58 (J)		72	98	240
10/4/2018	130	110	96	190	320
3/27/2019			76		
3/28/2019	88	65		140	280
9/12/2019	110	89	110	160	300
3/19/2020	110	64	66	160	270
9/10/2020	120	82			
9/11/2020			87	170	290
4/5/2021			66	170	
4/6/2021	110	49			250
8/13/2021	120	72	92		290
8/17/2021				180	
2/14/2022	120	79		150	280
2/15/2022			67		
11/16/2022	110	76	89	180	270
2/28/2023			84		280
3/1/2023	130	290		190	
8/3/2023	120	77	82	200	290
3/4/2024	110	68	86	200	310

Time Series

Constituent: Vanadium, Total (mg/L) Analysis Run 6/24/2024 9:54 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			<0.0014	0.0024 (J)	0.0051 (J)		
12/21/2010						0.0091 (J)	0.016
12/22/2010	<0.0025	<0.0025					
2/1/2011				0.0021 (J)	0.012		
2/14/2011	<0.0025	<0.0025	<0.0014			0.013	0.016
3/21/2011			<0.0014	0.0025 (J)			0.018
3/22/2011	0.0028 (J)	0.0032 (J)					
3/23/2011					0.015	<0.01	
4/26/2011	0.0025 (J)	<0.0025	0.0022 (J)	0.0033 (J)			0.018
4/27/2011					0.022	0.0078 (J)	
10/25/2011						0.012 (O)	
10/26/2011			<0.0014		0.0043 (J)		0.018
10/27/2011	<0.0025	<0.0025		<0.0034			
5/1/2012	<0.0025	0.0037 (J)	0.0036 (J)		0.0069 (J)	0.019	
5/2/2012				0.0051 (J)			0.021
11/8/2012	<0.0025	<0.0025	0.0062 (O)	0.02 (O)	0.013	0.015	0.019
5/7/2013	<0.0025	0.0041 (J)		0.0036 (J)	0.017	0.017	
5/8/2013			<0.0014				0.02
11/4/2013	<0.0025	<0.0025	<0.0014	0.0043 (J)			
11/5/2013					0.013	0.015	0.018
5/23/2014					0.041 (o)	0.017	0.018
5/24/2014	<0.0025	<0.0025	<0.0014	0.0033 (J)			
11/7/2014			<0.0014	<0.0034	0.0069 (J)	0.013	0.018
11/8/2014	<0.0025	<0.0025					
5/20/2015			<0.0014	0.0062 (J)			
5/21/2015	<0.0025	0.0052 (J)			0.016	0.016	0.02
11/12/2015					0.013	0.018	0.016
11/13/2015	<0.0025	<0.0025	<0.0014	0.0046 (J)			
4/6/2016	0.00201 (J)						
4/7/2016			<0.0014	0.00293 (J)		0.016	0.0182
4/8/2016		<0.0025 (D)			<0.0053 (D)		
10/10/2016			<0.0014	0.0031			
10/11/2016	<0.0025	<0.0025			0.011		0.023
10/14/2016						0.018	
4/7/2017		0.0033	<0.0014	0.0041	0.0073	0.017	0.02
4/10/2017	0.002 (J)						
10/9/2017	<0.0025	<0.0025					
10/10/2017			0.0014 (J)	<0.0034	0.0032	0.015	0.016
3/22/2018			<0.0014 (D)		0.0068		0.018
3/23/2018				0.0032		0.016	
3/26/2018	0.0014 (J)	0.0029					
10/3/2018	0.0023 (J)	0.0022 (J)	<0.0014			0.017	0.018
10/4/2018				<0.0034 (X)			
10/5/2018					<0.0053 (X)		
3/27/2019	0.0072 (O)	0.0071 (O)	0.0023 (J)	0.0072	0.012	0.022	0.021
9/12/2019	0.0031	0.0025	0.0017	0.0033	0.0075	0.019	0.02
3/19/2020	0.003	0.0052	0.0031	0.0033		0.019	0.02
3/20/2020					0.0086		
9/10/2020	0.0027	0.0025					0.018
9/11/2020			0.0015	0.0026	0.007	0.017	
4/2/2021	0.0029	0.0045	0.0014				
4/5/2021				0.003	0.0085	0.019	

Time Series

Constituent: Vanadium, Total (mg/L) Analysis Run 6/24/2024 9:54 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
4/6/2021							0.021
8/12/2021	0.004	0.0028	0.0017	0.0031		0.019	0.02
8/13/2021					0.0078		
2/14/2022	0.0033		0.0028	0.0032	0.0076	0.019	0.02
2/15/2022		0.0083					
8/26/2022	0.0028	0.002					
8/30/2022							0.019
8/31/2022			0.0011	0.0027	0.0073	0.018	
2/28/2023	0.0036	0.0071	0.0018	0.0037	0.0078	0.02	
3/1/2023							0.019
8/2/2023	0.0035						
8/3/2023		0.0037	0.0012 (J)	0.0026	0.0072	0.017	0.019
2/29/2024	0.0025						
3/4/2024		0.0081	0.0024	0.0028	0.0078	0.018	0.018

Time Series

Constituent: Vanadium, Total (mg/L) Analysis Run 6/24/2024 9:54 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					<0.002
12/21/2010				<0.01	
12/22/2010	0.0037 (J)	<0.001	0.0027 (J)		
2/14/2011					<0.002
2/15/2011	0.0043 (J)	<0.001	0.0036 (J)	0.0098 (J)	
3/21/2011				0.012	<0.002
3/22/2011	0.0039 (J)	0.0034 (J)	<0.0066		
4/27/2011	0.0035 (J)	0.0032 (J)	0.0046 (J)		<0.002
4/28/2011				0.011	
10/26/2011	0.0047 (J)	<0.001	<0.0066	0.012	<0.002
5/1/2012				0.011	0.0032 (J)
5/2/2012	0.0064 (J)	0.0039 (J)	0.0055 (J)		
11/8/2012	0.0051 (J)	0.0034 (J)	0.0042 (J)		
11/9/2012				0.011	<0.002
5/8/2013	0.0046 (J)	<0.001	0.0046 (J)	<0.01	<0.002
11/4/2013	0.0039 (J)	0.0035 (J)	0.0042 (J)	0.011	<0.002
5/24/2014	0.0053 (J)	0.0036 (J)	0.0061 (J)	0.012	<0.002
11/7/2014	0.0034 (J)		0.0032 (J)	0.01	<0.002
11/8/2014		<0.001			
5/20/2015					0.0065
5/22/2015	0.0068 (J)	0.0044 (J)	0.0056 (J)	0.013	
11/13/2015	0.0044 (J)	<0.001	<0.0066	0.014	<0.002
4/8/2016					0.0136 (O)
4/11/2016	0.00381 (J)	0.00254 (J)	0.00415 (J)	0.0107	
10/11/2016	<0.0053	<0.001			
10/13/2016			<0.0066	0.011	<0.002
4/7/2017		0.0024 (J)			
4/10/2017	0.0038		0.0043		
4/11/2017				0.011	<0.002
10/10/2017	0.0053	<0.001			
10/11/2017			0.0052	0.012	0.0019 (J)
3/23/2018		0.0023 (J)			
3/26/2018	0.0037		0.004	0.0096	<0.002
10/4/2018	<0.0053 (X)	<0.001 (X)	<0.0066 (X)	0.013	<0.002 (X)
3/27/2019			0.0087		
3/28/2019	0.0079	0.0053		0.01	0.0041
9/12/2019	0.0054	0.0028	0.0047	0.011	<0.002
3/19/2020	0.0044	0.0027	0.0046	0.01	<0.002
9/10/2020	0.0049	0.0026			
9/11/2020			0.0042	0.0099	<0.002
4/5/2021			0.0059	0.011	
4/6/2021	0.0045	0.0026			<0.002
8/13/2021	0.0061	0.0093	0.0072		0.0016
8/17/2021				0.011	
2/14/2022	0.0047	0.0042		0.011	0.0014
2/15/2022			0.0049		
8/31/2022	0.0055	0.0031	0.0038	0.01	0.00095 (J)
2/28/2023			0.0052		0.0023
3/1/2023	0.0051	<0.001		0.011	
8/3/2023	0.005	0.0029	0.0041	0.0088	<0.002
3/4/2024	0.0045	0.0025	0.0041	0.0098	0.00066 (J)

Time Series

Constituent: Zinc, Total (mg/L) Analysis Run 6/24/2024 9:54 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			<0.005	<0.005	<0.005		
12/21/2010						<0.005	<0.005
12/22/2010	<0.005	<0.005					
2/1/2011				<0.005	<0.005		
2/14/2011	<0.005	<0.005	<0.005			<0.005	<0.005
3/21/2011			<0.005	<0.005			<0.005
3/22/2011	<0.005	<0.005					
3/23/2011					<0.005	<0.005	
4/26/2011	<0.005	<0.005	<0.005	<0.005			<0.005
4/27/2011					<0.005	<0.005	
10/25/2011						<0.005	
10/26/2011			<0.005		<0.005		<0.005
10/27/2011	<0.005	<0.005		<0.005			
5/1/2012	<0.005	<0.005	<0.005		<0.005	<0.005	
5/2/2012				<0.005			<0.005
11/8/2012	<0.005	<0.005	<0.005	0.013 (O)	<0.005	<0.005	<0.005
5/7/2013	<0.005	<0.005		<0.005	0.0087	<0.005	
5/8/2013			<0.005				<0.005
11/4/2013	<0.005	<0.005	<0.005	<0.005			
11/5/2013					<0.005	<0.005	<0.005
5/23/2014					0.014 (O)	<0.005	<0.005
5/24/2014	<0.005	<0.005	<0.005	<0.005			
11/7/2014			<0.005	<0.005	<0.005	<0.005	<0.005
11/8/2014	<0.005	<0.005					
5/20/2015			<0.005	<0.005			
5/21/2015	<0.005	<0.005			<0.005	<0.005	<0.005
11/12/2015					<0.005	<0.005	<0.005
11/13/2015	<0.005	0.039 (O)	<0.005	<0.005			
4/6/2016	<0.005						
4/7/2016			0.00345 (J)	0.00265 (J)		0.00287 (J)	0.00208 (J)
10/10/2016			<0.005	<0.005			
10/11/2016	<0.005	<0.005			<0.005		<0.005
10/14/2016						<0.005	
4/7/2017		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
4/10/2017	<0.005						
10/9/2017	<0.005	<0.005					
10/10/2017			<0.005	0.0096 (J)	<0.005	<0.005	<0.005
3/22/2018			<0.005 (D)		<0.005		<0.005
3/23/2018				<0.005		<0.005	
3/26/2018	<0.005	<0.005 (D)					
10/3/2018	<0.005	<0.005	<0.005			<0.005	<0.005
10/4/2018				<0.005			
10/5/2018					<0.005		
3/27/2019	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
9/12/2019	0.0046 (J)	0.0085	0.0095	0.0091	0.0049 (J)	0.0048 (J)	0.0041 (J)
3/19/2020	<0.005	<0.005	0.0037 (J)	0.0035 (J)		<0.005	<0.005
3/20/2020					<0.005		
9/10/2020	0.0048 (J)	<0.005					<0.005
9/11/2020			0.0098	0.0038 (J)	<0.005	<0.005	
4/2/2021	<0.005	<0.005	0.0058				
4/5/2021				0.0049 (J)	<0.005	<0.005	
4/6/2021							<0.005

Time Series

Constituent: Zinc, Total (mg/L) Analysis Run 6/24/2024 9:54 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
8/12/2021	<0.005	<0.005	0.006	<0.005		<0.005	<0.005
8/13/2021					<0.005		
2/14/2022	<0.005		0.003 (J)	<0.005	<0.005	<0.005	<0.005
2/15/2022		0.003 (J)					
8/26/2022	<0.005	<0.005					
8/30/2022							<0.005
8/31/2022			0.0051	0.0032 (J)	<0.005	0.0039 (J)	
2/28/2023	<0.005	<0.005	0.0062 (J)	<0.005	<0.005	<0.005	
3/1/2023							<0.005
8/2/2023	<0.005						
8/3/2023		<0.005	0.0051	0.0037 (J)	<0.005	<0.005	<0.005
2/29/2024	<0.005						
3/4/2024		0.0059	0.0035 (J)	<0.005	<0.005	<0.005	<0.005

Time Series

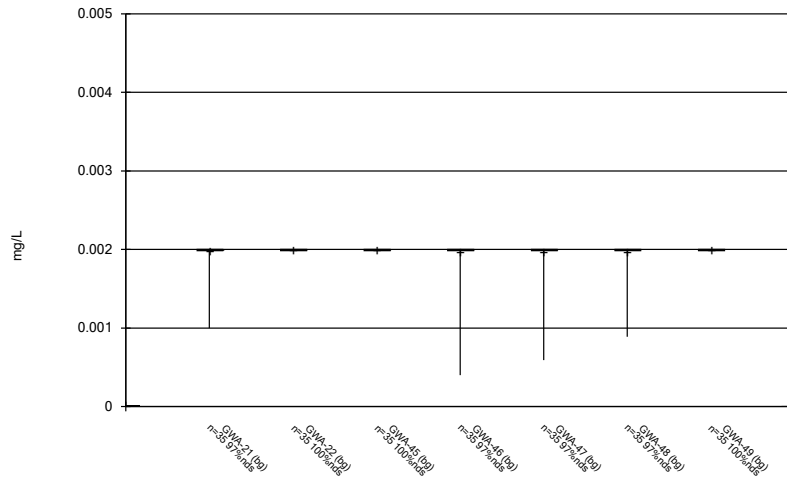
Constituent: Zinc, Total (mg/L) Analysis Run 6/24/2024 9:54 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					0.0095 (J)
12/21/2010				<0.005	
12/22/2010	<0.005	<0.005	<0.005		
2/14/2011					0.0092 (J)
2/15/2011	<0.005	<0.005	<0.005	<0.005	
3/21/2011				<0.005	0.011 (J)
3/22/2011	<0.005	<0.005	<0.005		
4/27/2011	<0.005	<0.005	<0.005		0.0096 (J)
4/28/2011				<0.005	
10/26/2011	<0.005	<0.005	<0.005	<0.005	0.011 (J)
5/1/2012				<0.005	0.012 (J)
5/2/2012	<0.005	<0.005	<0.005		
11/8/2012	<0.005	<0.005	<0.005		
11/9/2012				<0.005	0.014 (J)
5/8/2013	<0.005	<0.005	<0.005	<0.005	0.016 (J)
11/4/2013	<0.005	<0.005	<0.005	<0.005	0.014 (J)
5/24/2014	<0.005	<0.005	<0.005	<0.005	0.013 (J)
11/7/2014	<0.005		<0.005	<0.005	0.014 (J)
11/8/2014		<0.005			
5/20/2015					0.015 (J)
5/22/2015	<0.005	<0.005	<0.005	<0.005	
11/13/2015	<0.005	<0.005	<0.005	<0.005	0.015 (J)
4/11/2016	<0.005	<0.005	0.00333 (J)	<0.005	
10/11/2016	<0.005	<0.005			
10/13/2016			<0.005	<0.005	0.015 (J)
4/7/2017		<0.005			
4/10/2017	<0.005		<0.005		
4/11/2017				0.0065 (J)	0.015 (J)
10/10/2017	<0.005	<0.005			
10/11/2017			<0.005	<0.005	0.019 (J)
3/23/2018		<0.005			
3/26/2018	<0.005		<0.005	<0.005	0.016 (J)
10/4/2018	<0.005	0.0076	<0.005	<0.005	0.017 (J)
3/27/2019			<0.005		
3/28/2019	<0.005	<0.005		<0.005	0.013 (J)
9/12/2019	0.0058	0.0057	0.0042 (J)	0.0073	0.02
3/19/2020	<0.005	0.0037 (J)	<0.005	<0.005	0.014
9/10/2020	<0.005	<0.005			
9/11/2020			<0.005	<0.005	0.014
4/5/2021			<0.005	<0.005	
4/6/2021	<0.005	<0.005			0.014
8/13/2021	<0.005	0.0053	<0.005		0.017
8/17/2021				<0.005	
2/14/2022	<0.005	<0.005		<0.005	0.014
2/15/2022			<0.005		
8/31/2022	<0.005	<0.005	<0.005	<0.005	0.015
2/28/2023			<0.005		0.014 (J)
3/1/2023	<0.005	0.016		<0.005	
5/2/2023		<0.005 (R)			
8/3/2023	<0.005	0.0033 (J)	0.0035 (J)	<0.005	0.015
3/4/2024	<0.005	<0.005	<0.005	<0.005	0.013

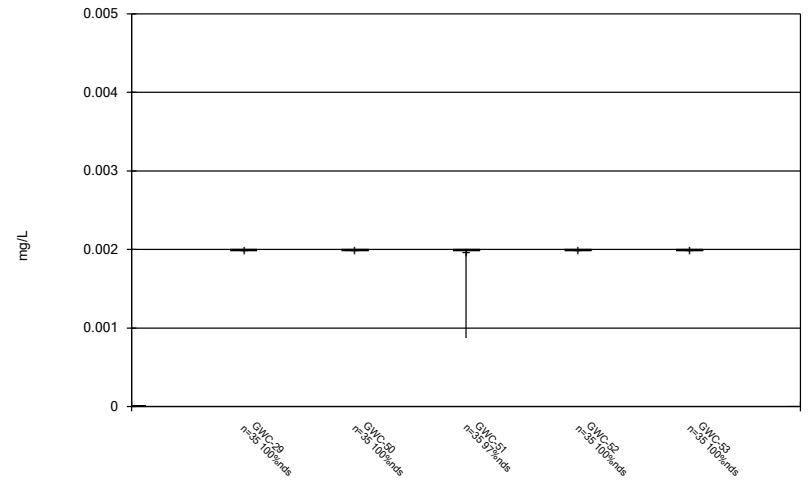
FIGURE B.

Box & Whiskers Plot



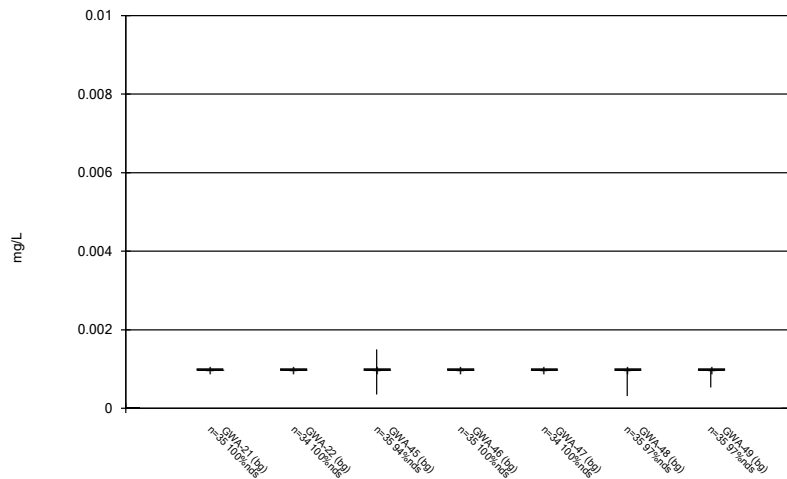
Constituent: Antimony, Total Analysis Run 6/24/2024 9:56 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



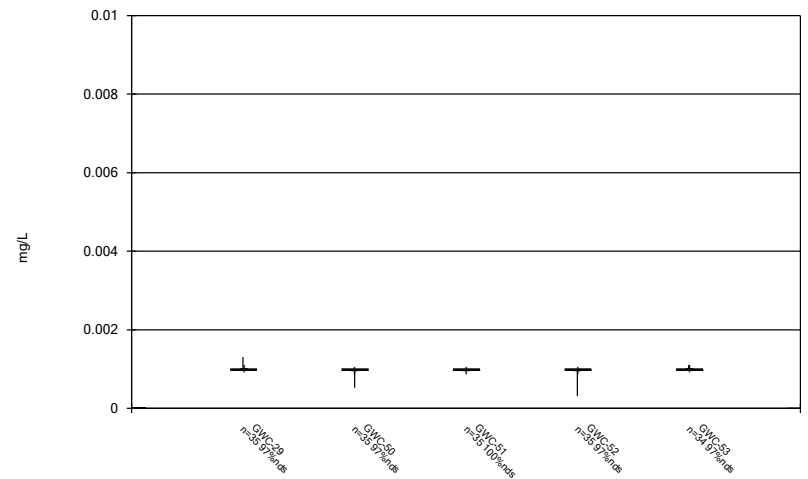
Constituent: Antimony, Total Analysis Run 6/24/2024 9:56 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



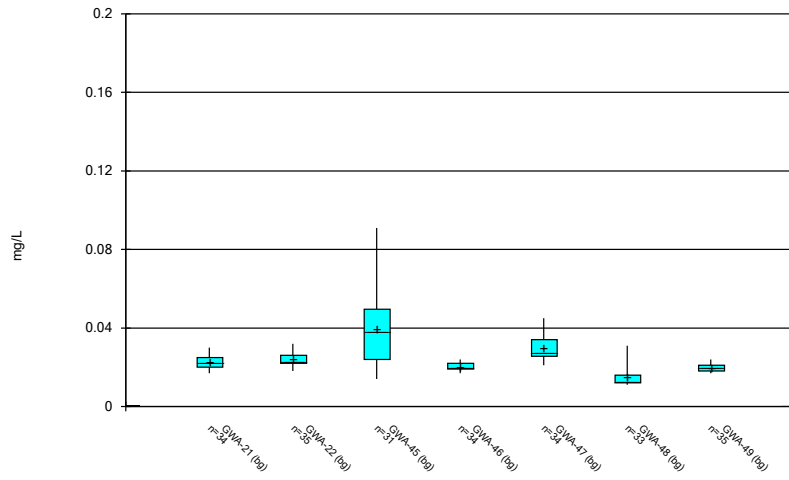
Constituent: Arsenic, Total Analysis Run 6/24/2024 9:56 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



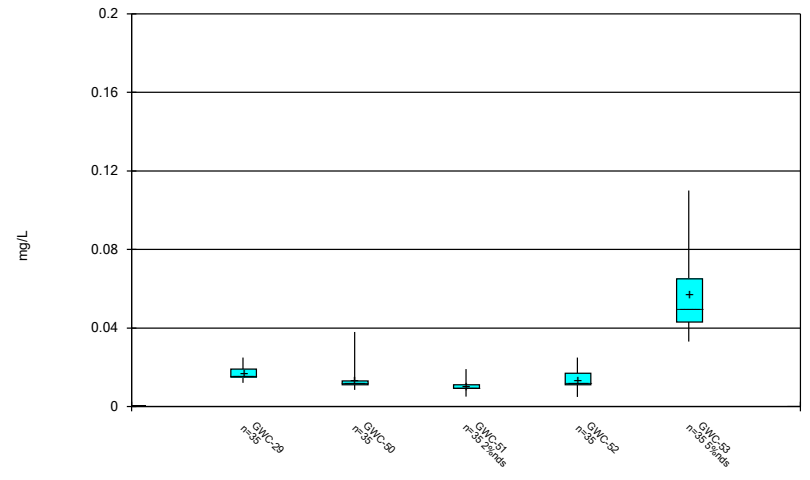
Constituent: Arsenic, Total Analysis Run 6/24/2024 9:56 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



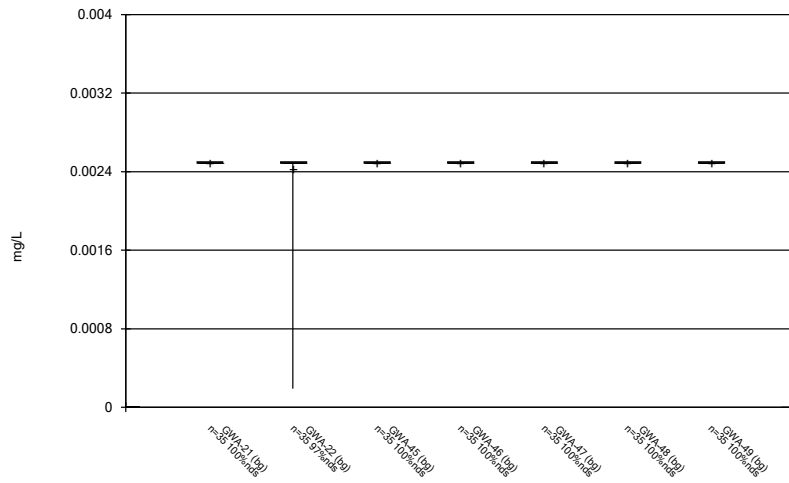
Constituent: Barium, Total Analysis Run 6/24/2024 9:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



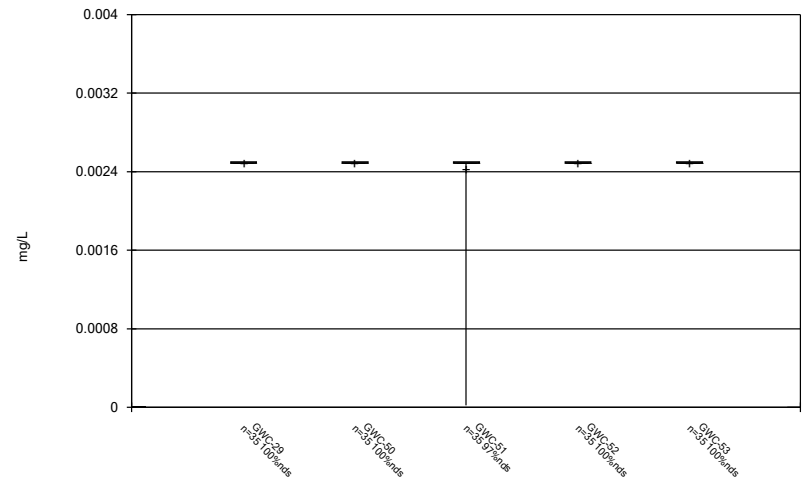
Constituent: Barium, Total Analysis Run 6/24/2024 9:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



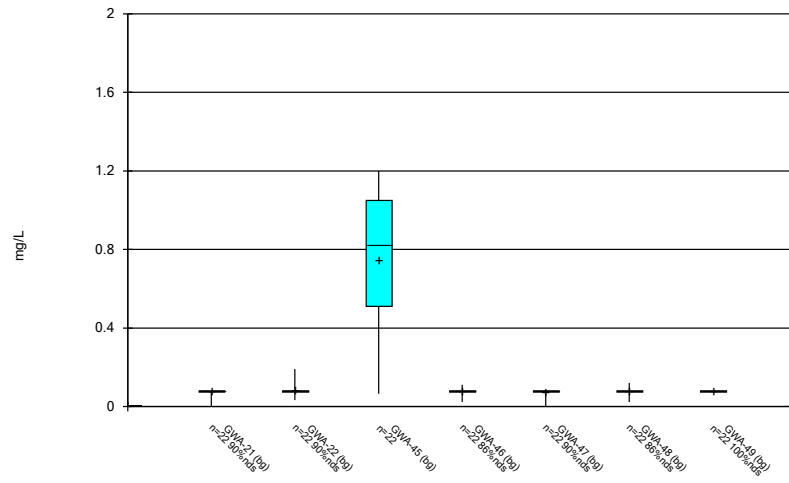
Constituent: Beryllium, Total Analysis Run 6/24/2024 9:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



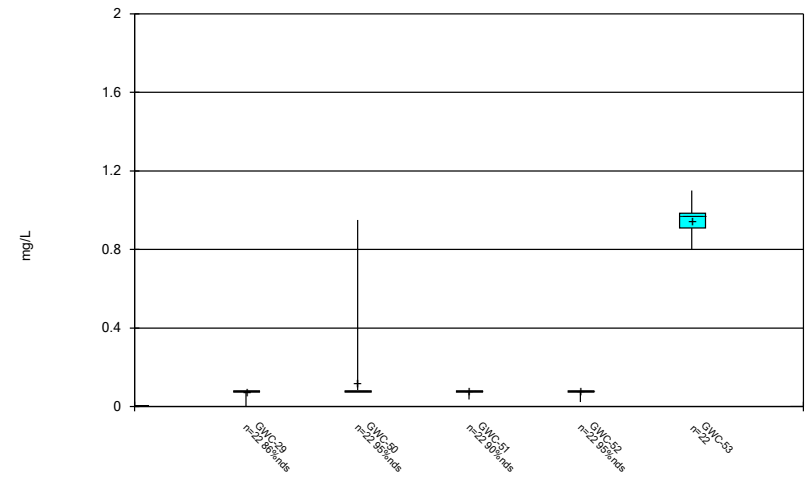
Constituent: Beryllium, Total Analysis Run 6/24/2024 9:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



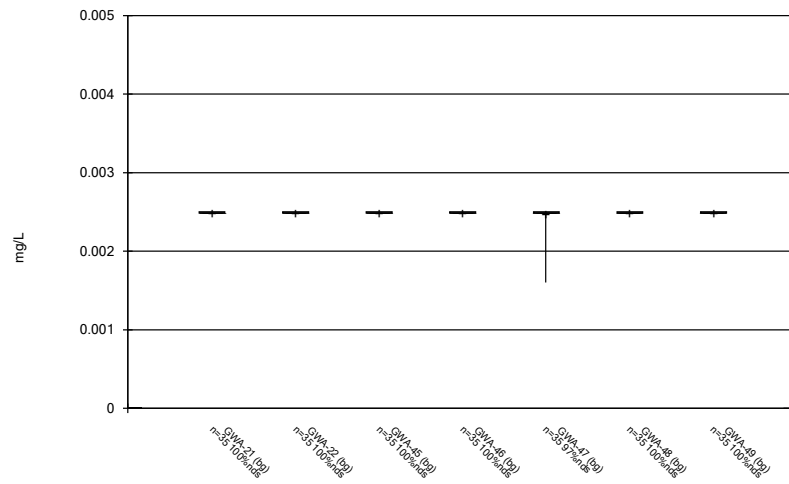
Constituent: Boron Analysis Run 6/24/2024 9:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



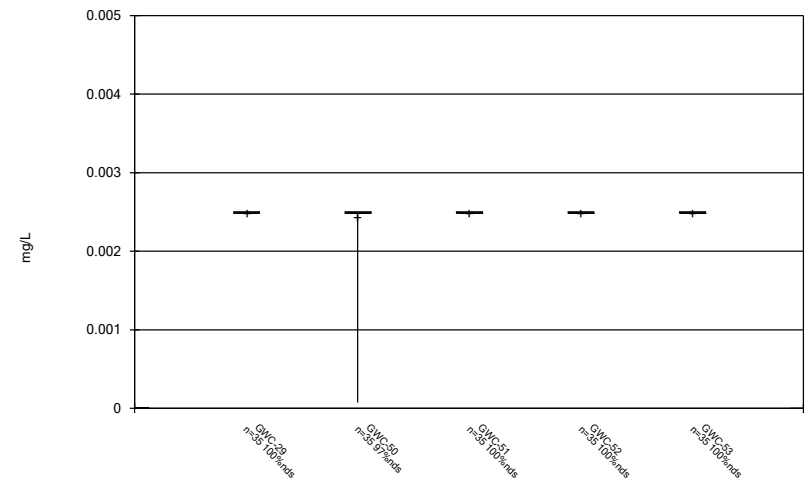
Constituent: Boron Analysis Run 6/24/2024 9:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



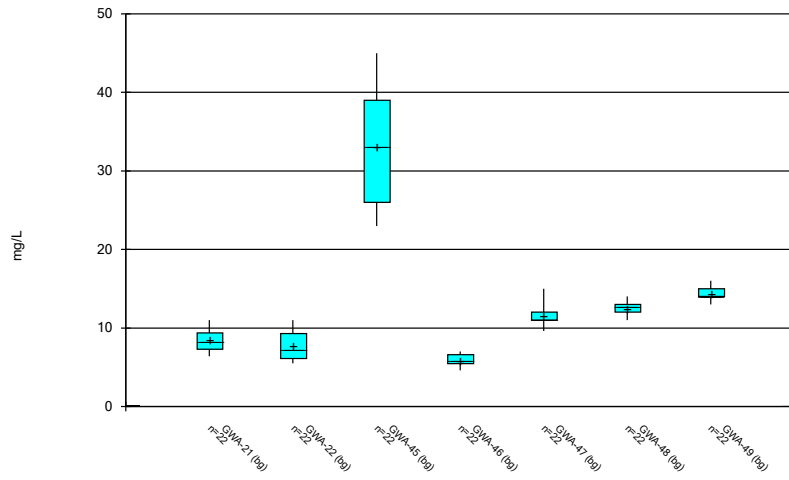
Constituent: Cadmium, Total Analysis Run 6/24/2024 9:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



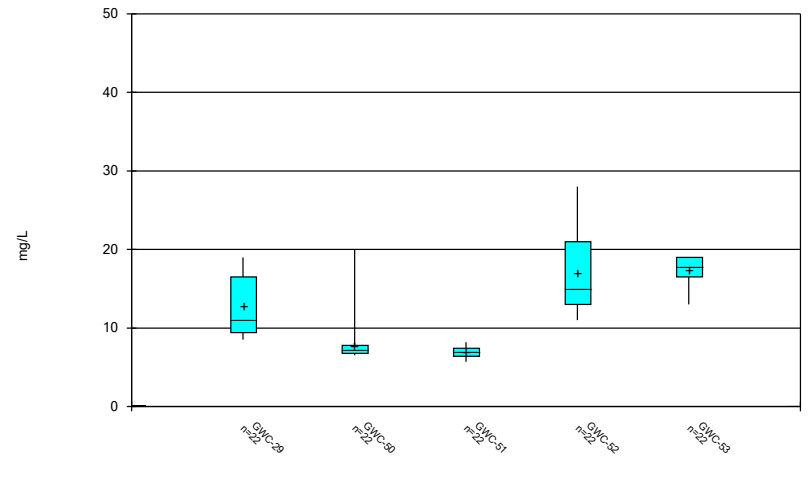
Constituent: Cadmium, Total Analysis Run 6/24/2024 9:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



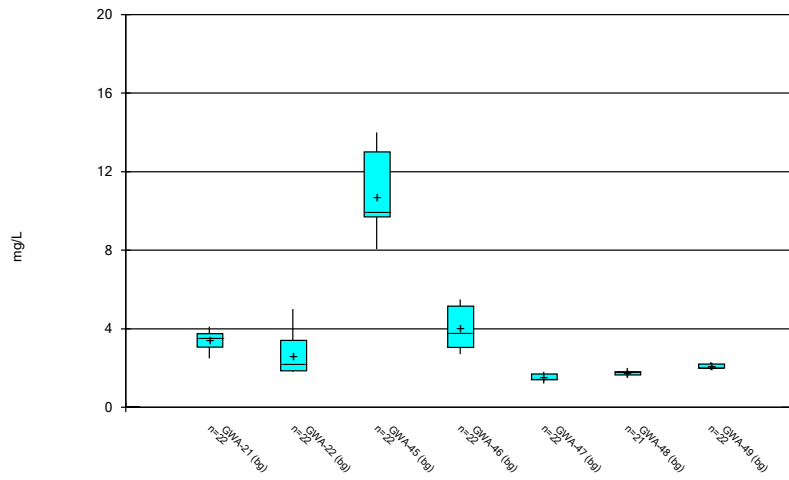
Constituent: Calcium Analysis Run 6/24/2024 9:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



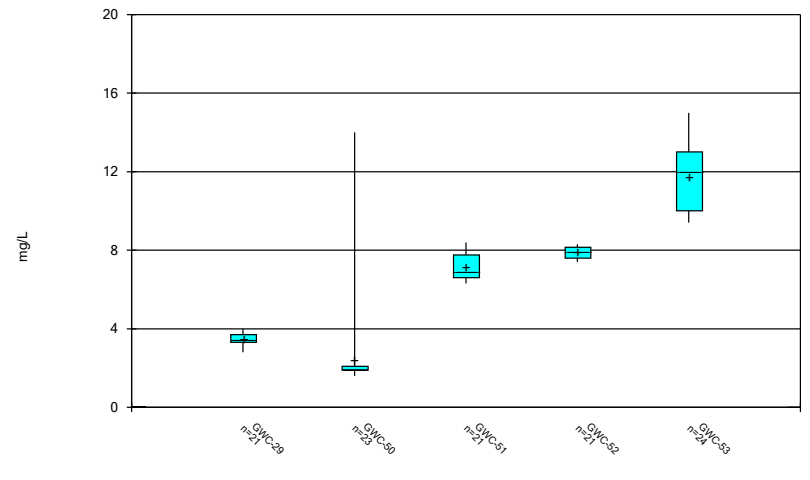
Constituent: Calcium Analysis Run 6/24/2024 9:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



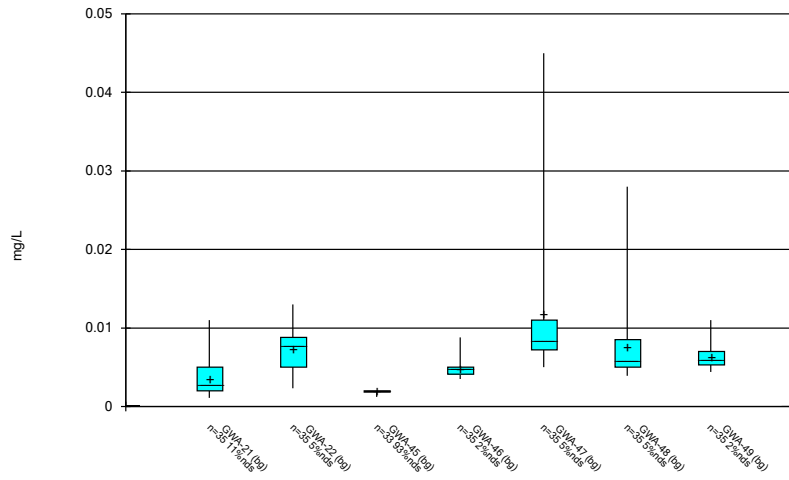
Constituent: Chloride Analysis Run 6/24/2024 9:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



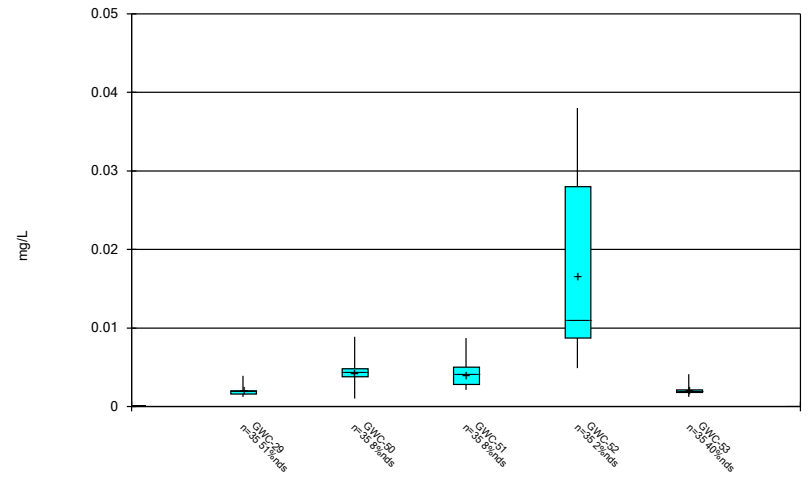
Constituent: Chloride Analysis Run 6/24/2024 9:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



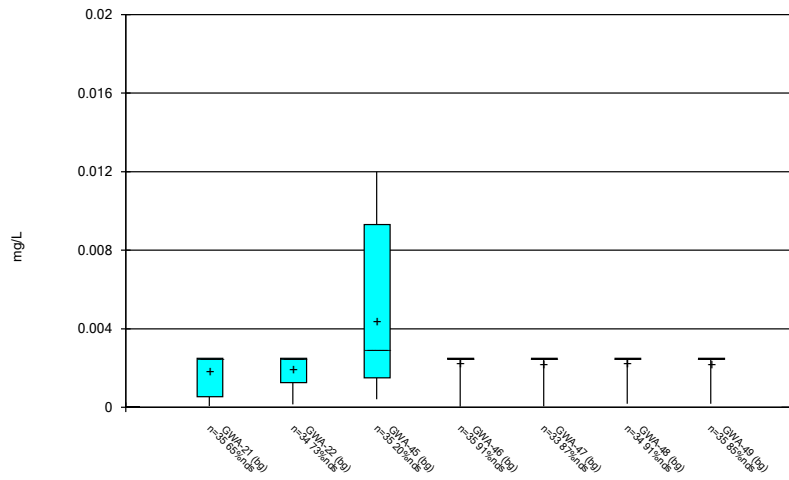
Constituent: Chromium, Total Analysis Run 6/24/2024 9:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



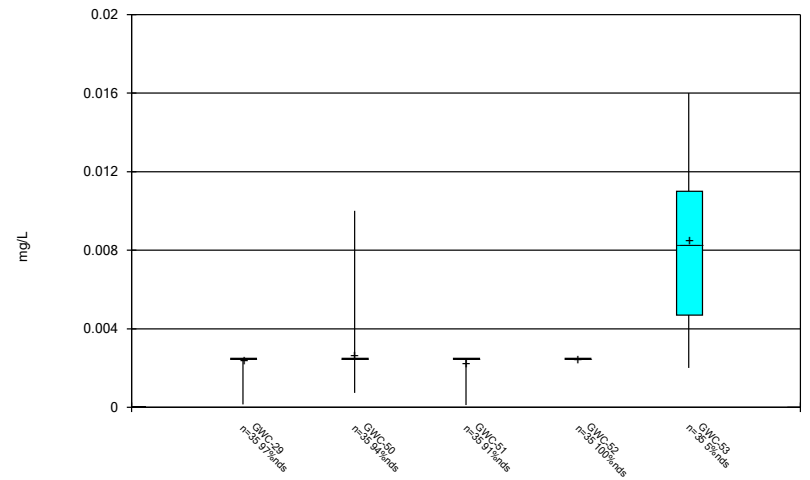
Constituent: Chromium, Total Analysis Run 6/24/2024 9:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



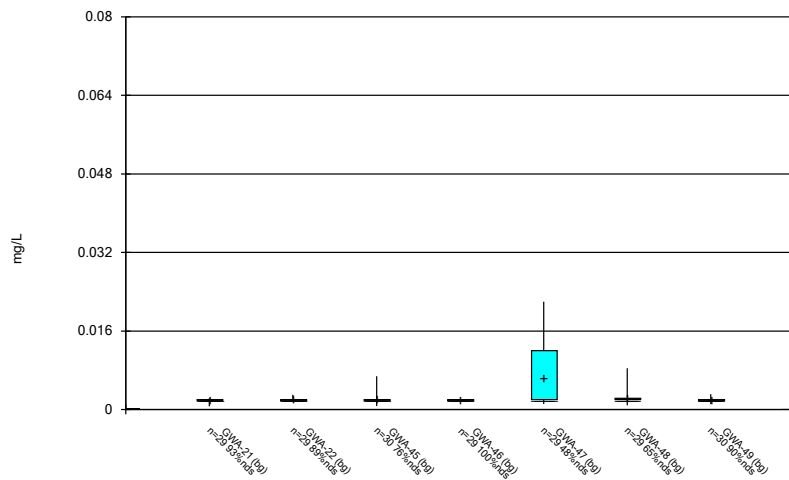
Constituent: Cobalt, Total Analysis Run 6/24/2024 9:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



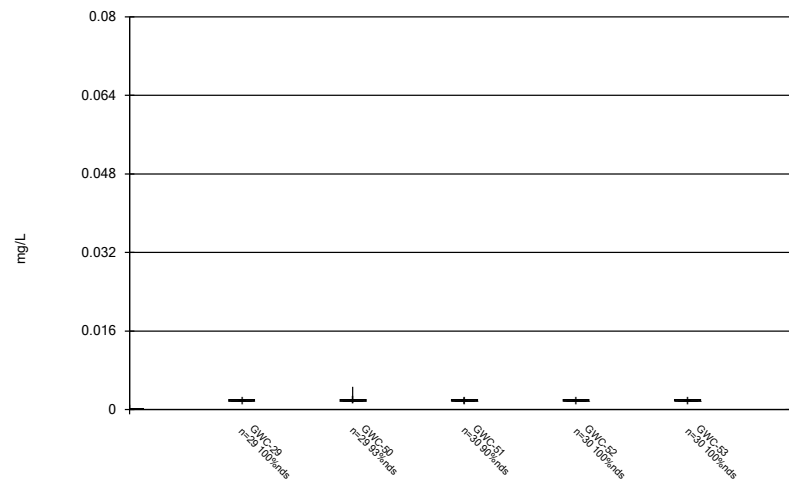
Constituent: Cobalt, Total Analysis Run 6/24/2024 9:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



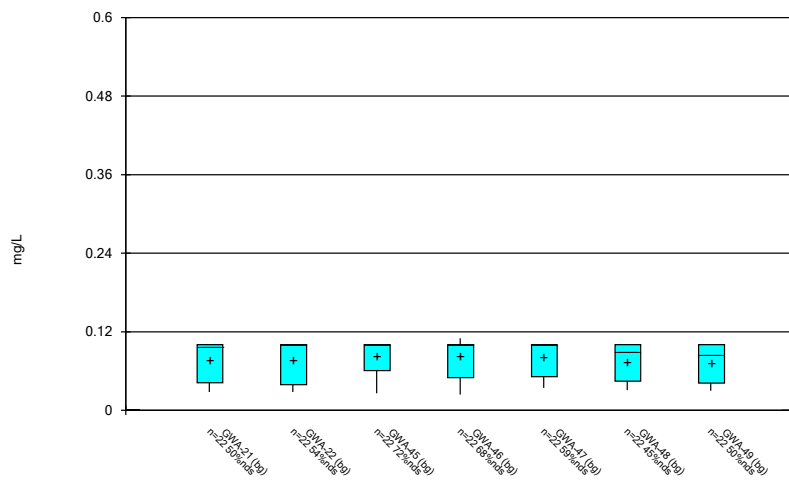
Constituent: Copper, Total Analysis Run 6/24/2024 9:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



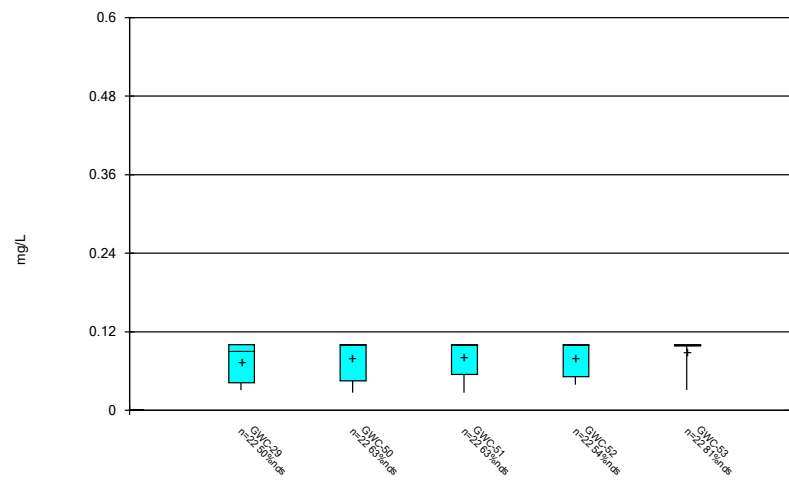
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



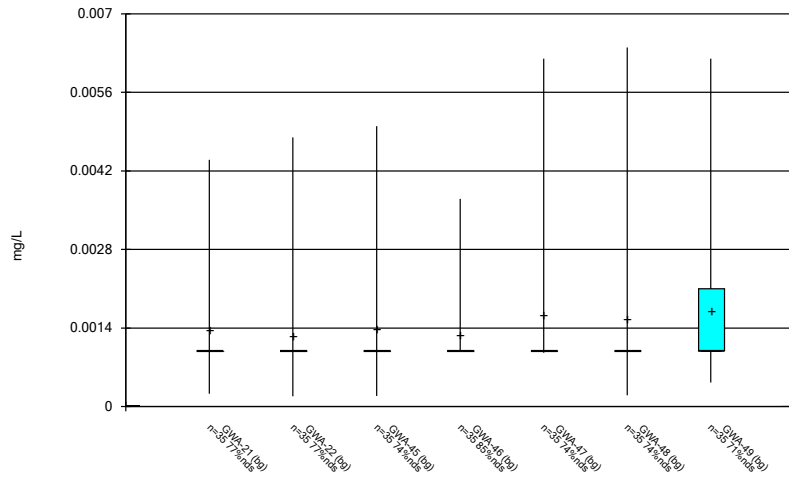
Constituent: Fluoride Analysis Run 6/24/2024 9:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



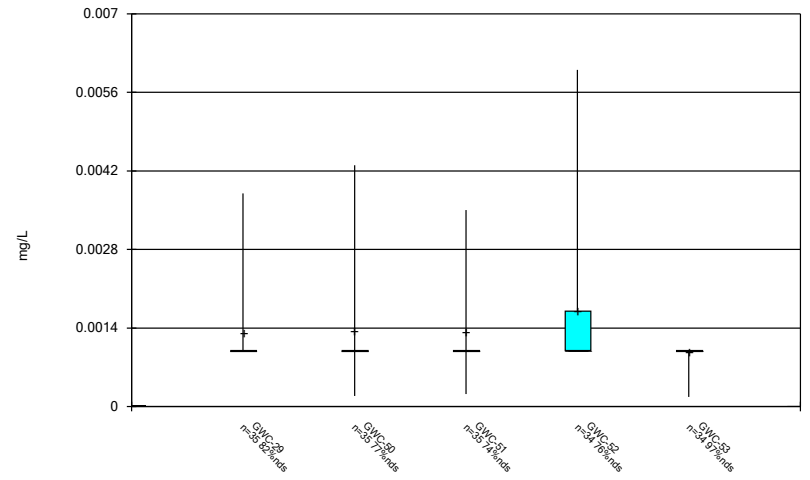
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



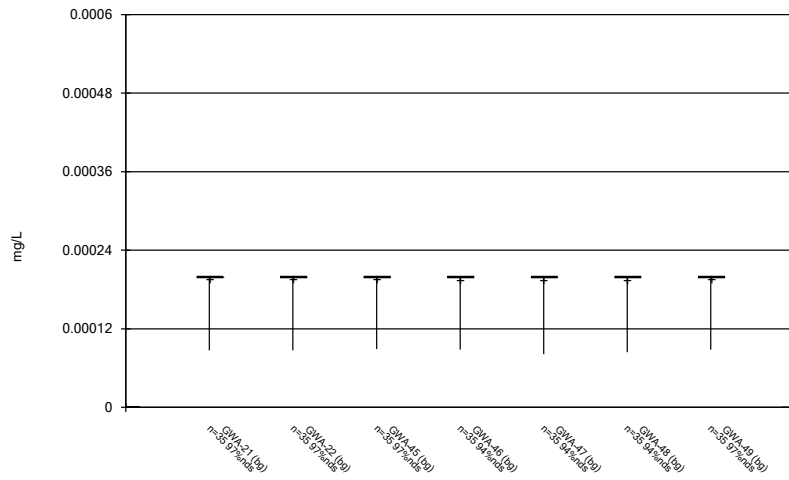
Constituent: Lead, Total Analysis Run 6/24/2024 9:56 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



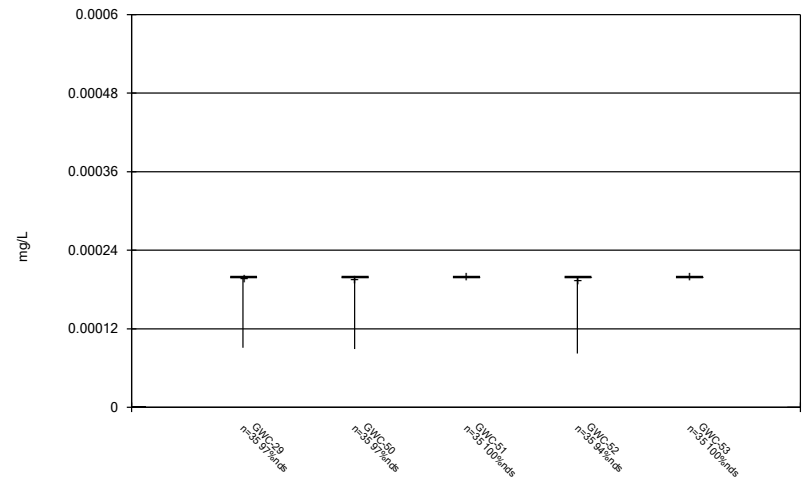
Constituent: Lead, Total Analysis Run 6/24/2024 9:56 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



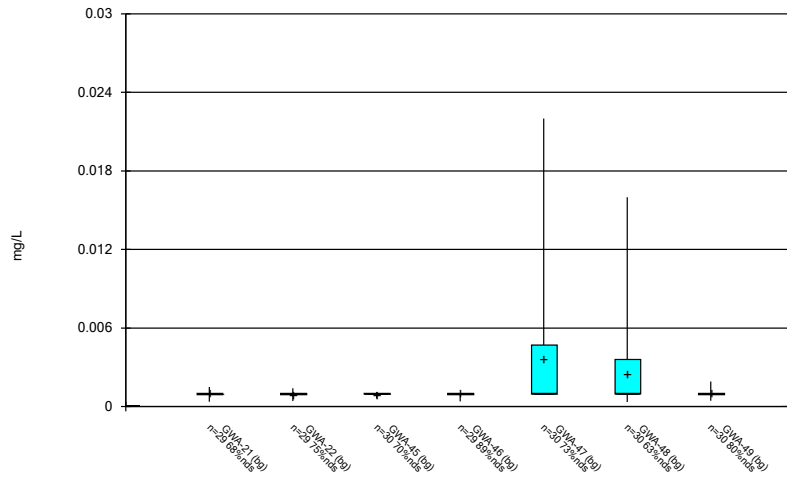
Constituent: Mercury, Total Analysis Run 6/24/2024 9:56 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



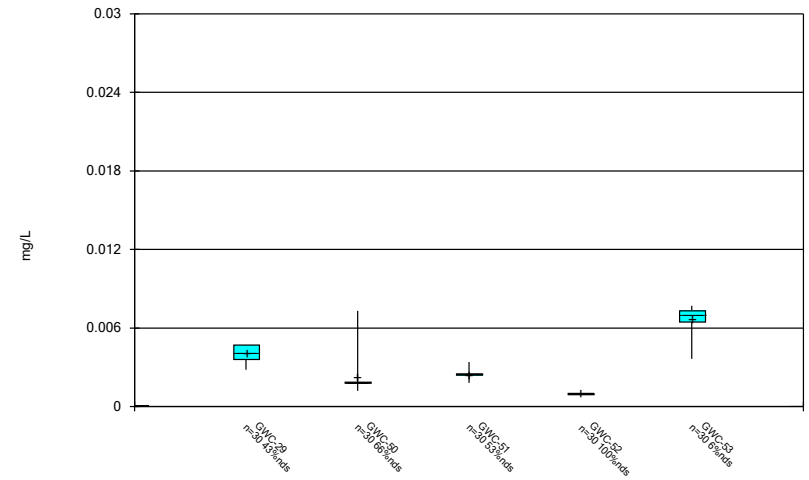
Constituent: Mercury, Total Analysis Run 6/24/2024 9:56 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



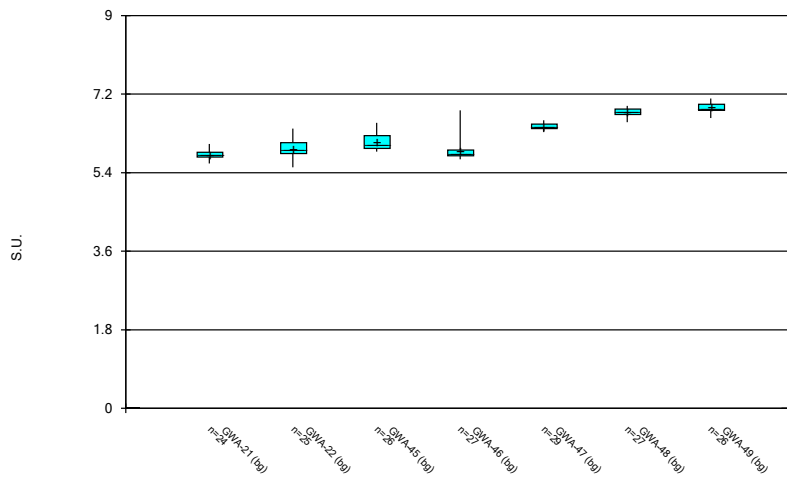
Constituent: Nickel, Total Analysis Run 6/24/2024 9:56 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



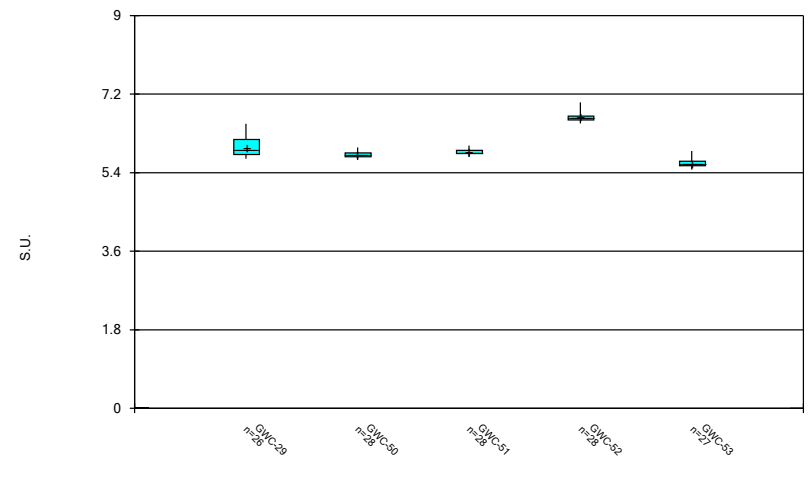
Constituent: Nickel, Total Analysis Run 6/24/2024 9:56 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



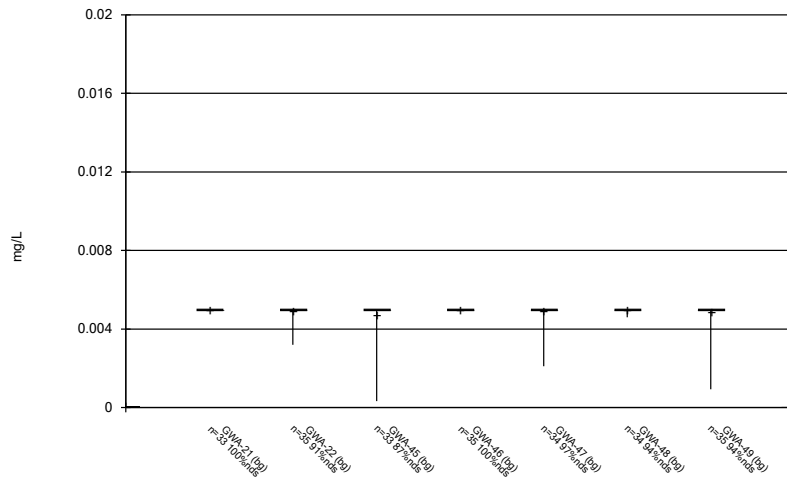
Constituent: pH Analysis Run 6/24/2024 9:56 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



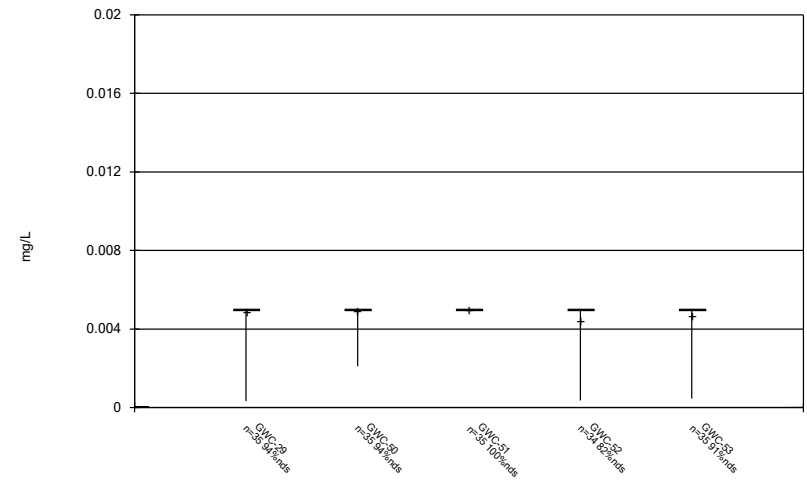
Constituent: pH Analysis Run 6/24/2024 9:56 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



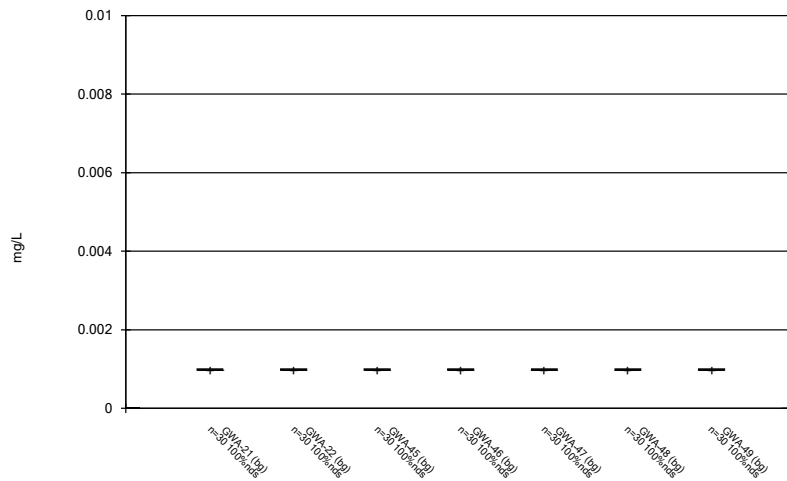
Constituent: Selenium, Total Analysis Run 6/24/2024 9:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



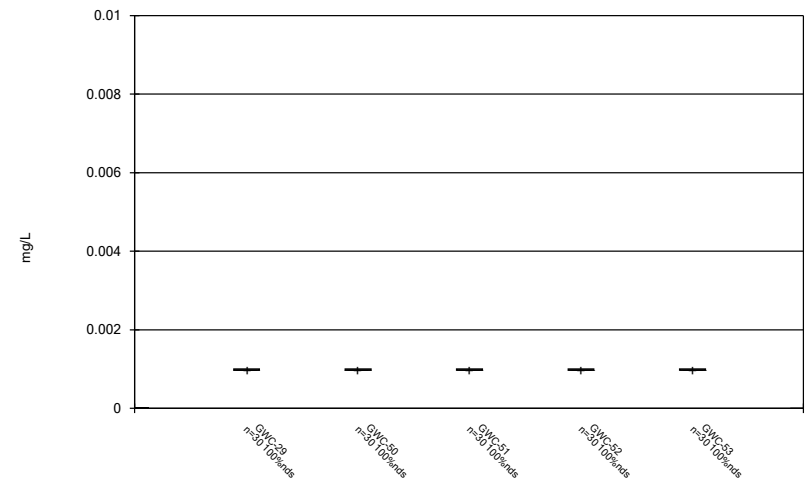
Constituent: Selenium, Total Analysis Run 6/24/2024 9:57 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



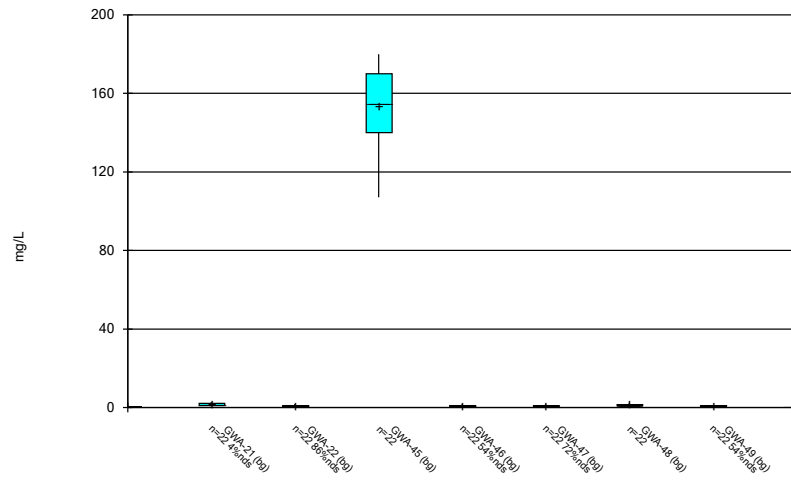
Constituent: Silver, Total Analysis Run 6/24/2024 9:57 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



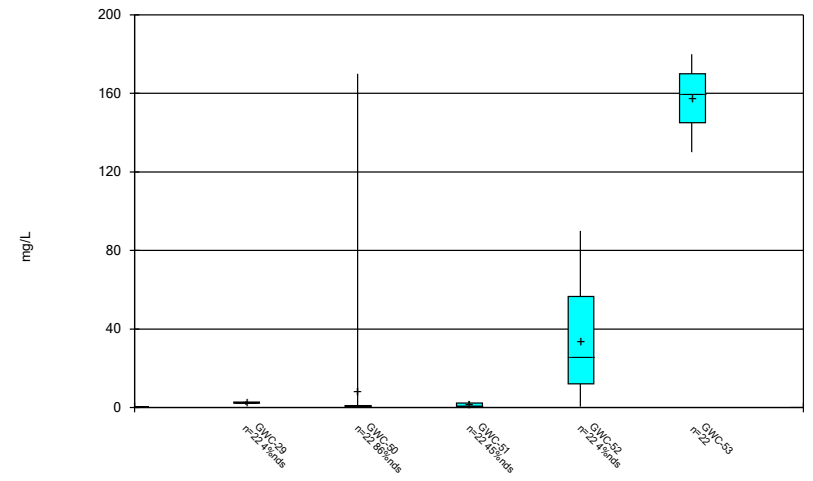
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



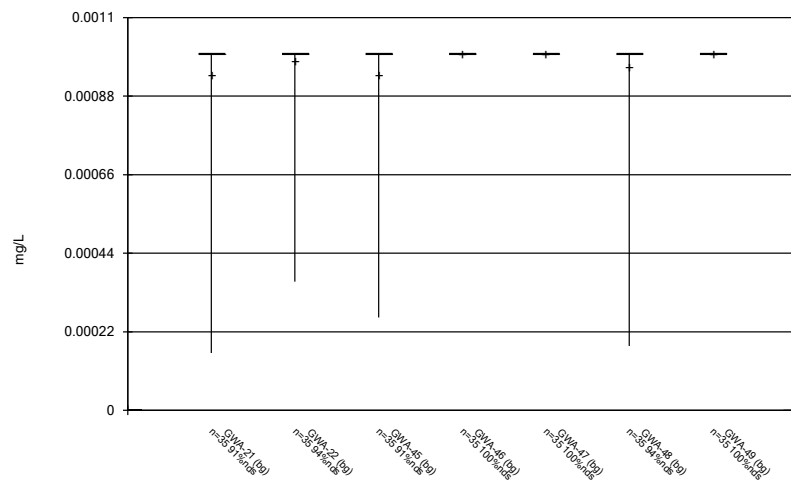
Constituent: Sulfate Analysis Run 6/24/2024 9:57 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



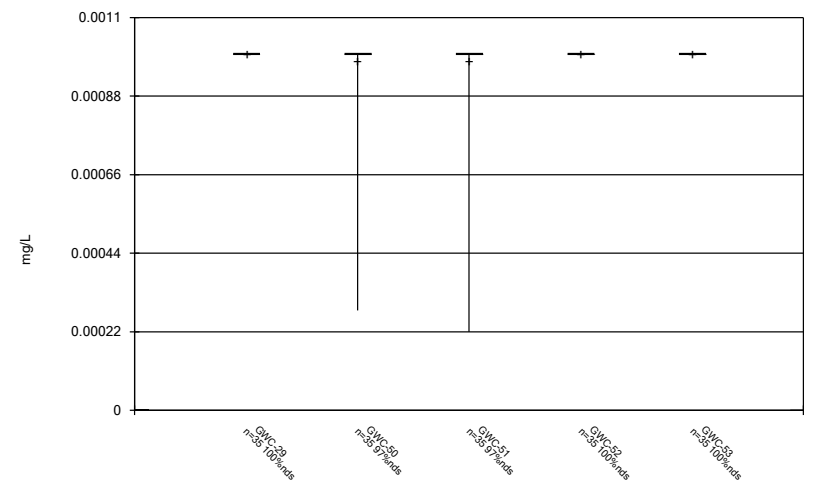
Constituent: Sulfate Analysis Run 6/24/2024 9:57 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



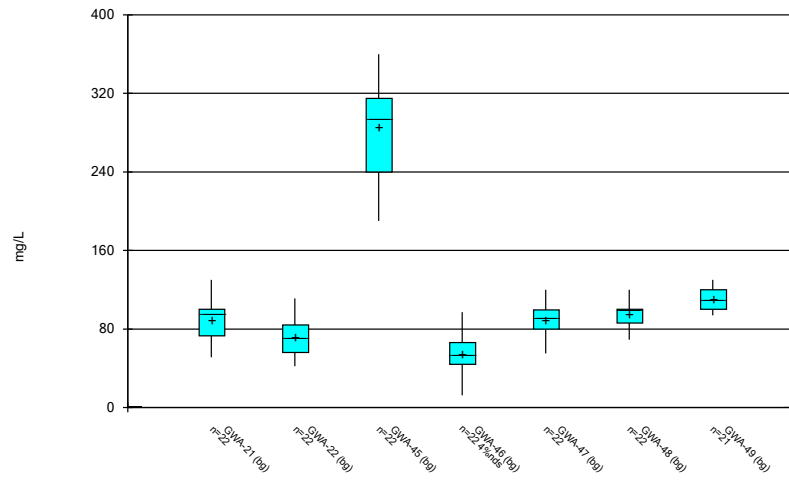
Constituent: Thallium, Total Analysis Run 6/24/2024 9:57 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



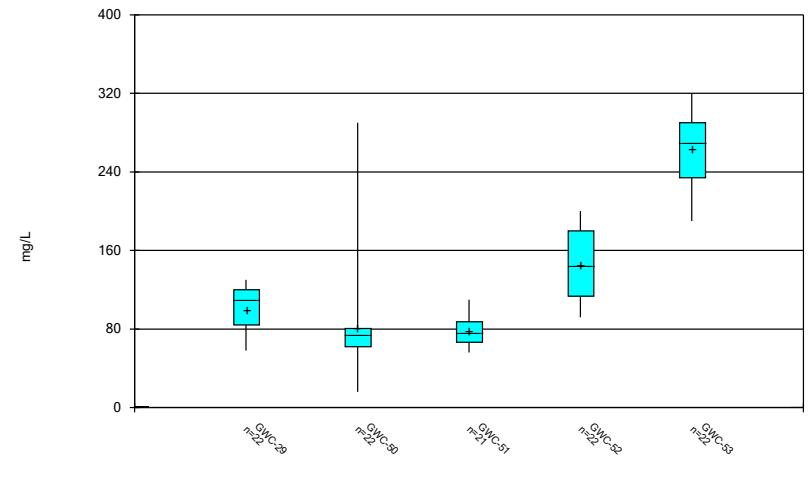
Constituent: Thallium, Total Analysis Run 6/24/2024 9:57 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



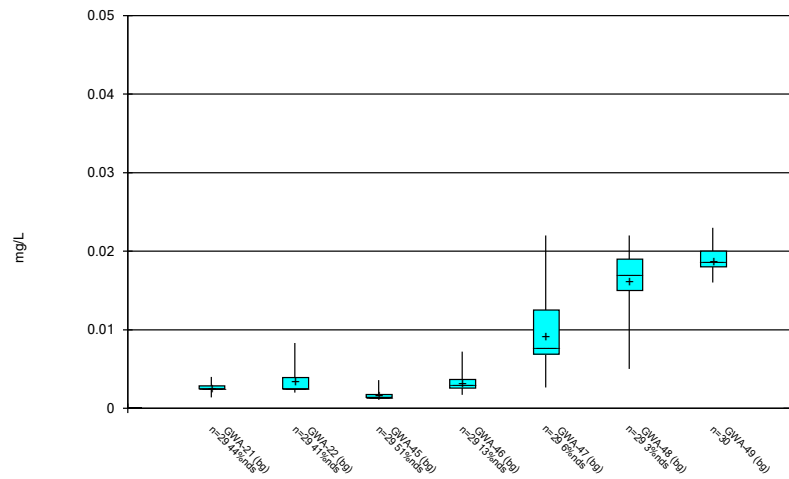
Constituent: Total Dissolved Solids Analysis Run 6/24/2024 9:57 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



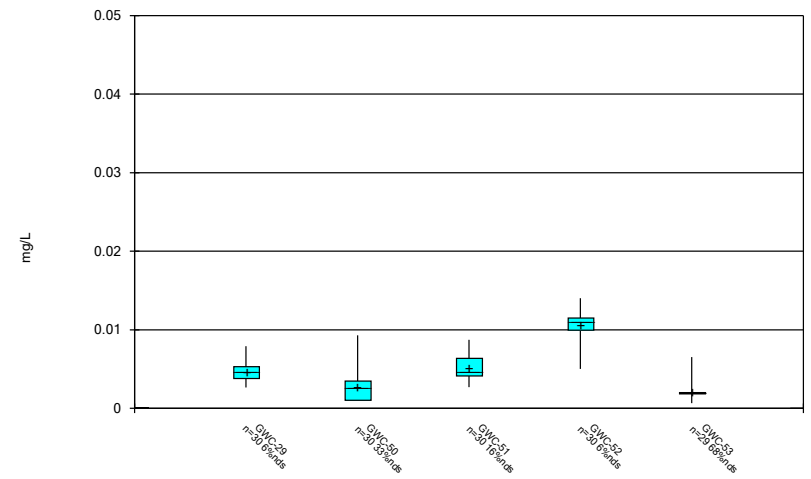
Constituent: Total Dissolved Solids Analysis Run 6/24/2024 9:57 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



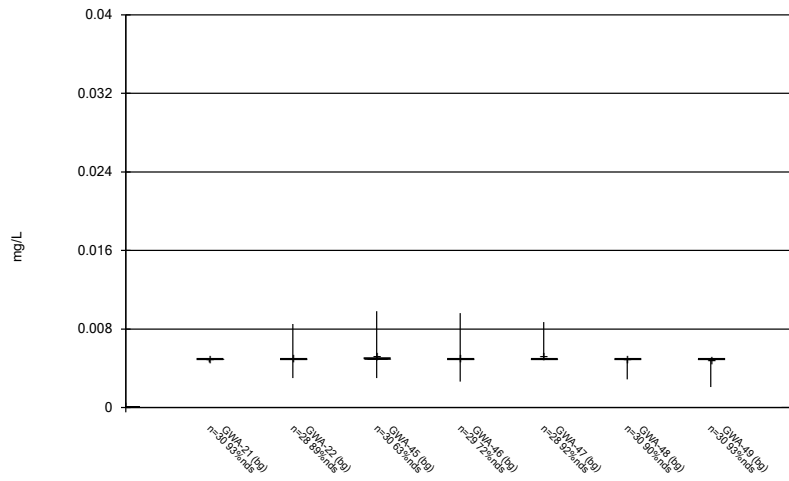
Constituent: Vanadium, Total Analysis Run 6/24/2024 9:57 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



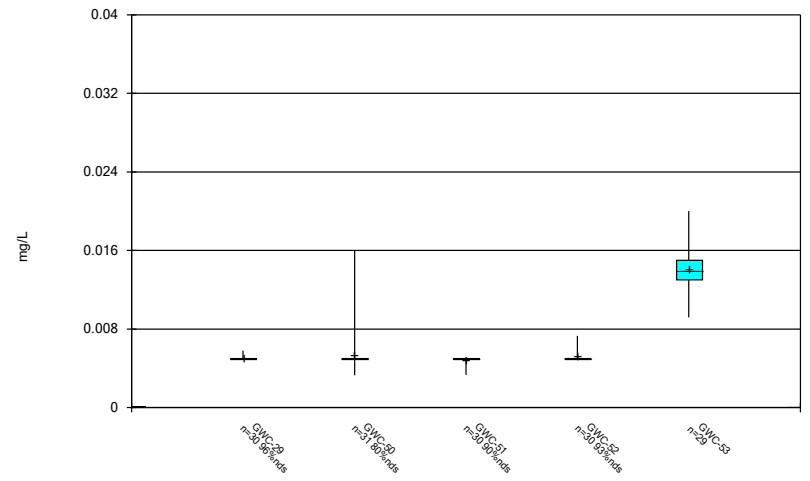
Constituent: Vanadium, Total Analysis Run 6/24/2024 9:57 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



Constituent: Zinc, Total Analysis Run 6/24/2024 9:57 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



Constituent: Zinc, Total Analysis Run 6/24/2024 9:57 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

FIGURE C.

Outlier Summary

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 3/28/2024, 11:41 AM

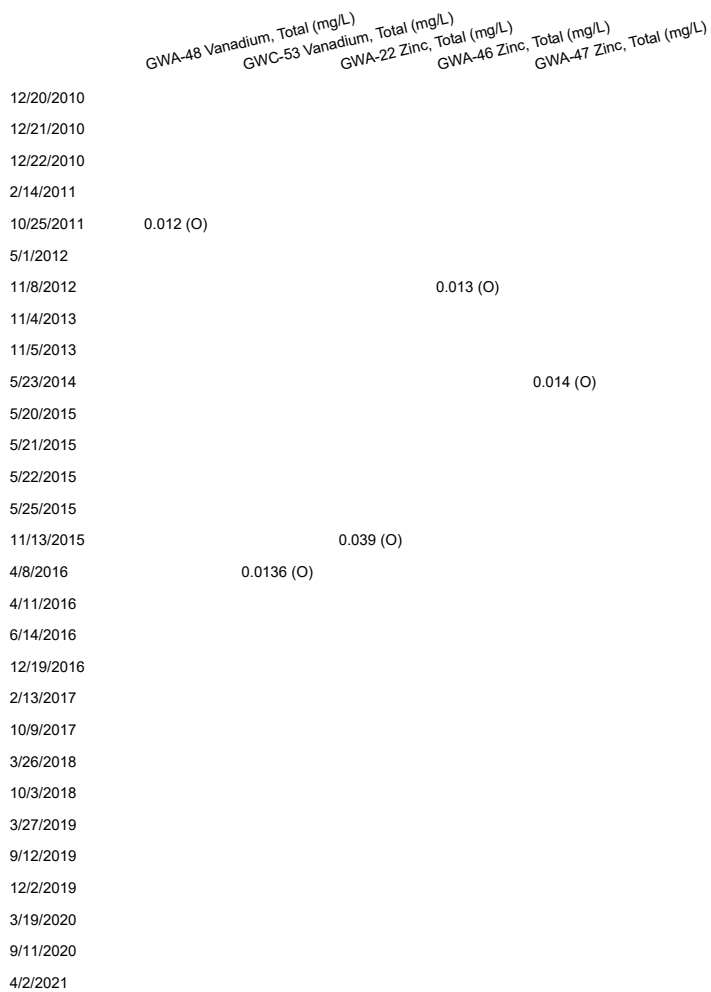


FIGURE D.

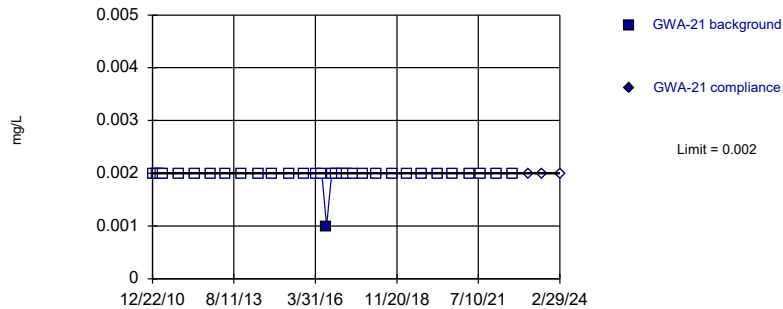
Appendix I Intrawell Prediction Limits - Significant Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 3/28/2024, 11:52 AM

<u>Constituent</u>	<u>Well</u>	<u>Upper Lim.</u>	<u>Lower Lim.</u>	<u>Date</u>	<u>Observ.</u>	<u>Sig.</u>	<u>Bg</u>	<u>NBg</u>	<u>Mean</u>	<u>Std. Dev.</u>	<u>%NDs</u>	<u>ND Adj.</u>	<u>Transform</u>	<u>Alpha</u>	<u>Method</u>
Barium, Total (mg/L)	GWC-29	0.02203	n/a	3/4/2024	0.025	Yes	32	0.1287		0.009196	0	None	sqrt(x)	0.0007022	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-52	0.02119	n/a	3/4/2024	0.025	Yes	32	0.01286		0.003883	0	None	No	0.0007022	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-52	0.01539	n/a	3/4/2024	0.033	Yes	24	0.00975		0.002526	4.167	None	No	0.0007022	Param Intra 1 of 2
Copper, Total (mg/L)	GWA-45	0.0034	n/a	3/4/2024	0.0068	Yes	27	n/a		n/a	77.78	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-22	0.001	n/a	3/4/2024	0.002	Yes	19	n/a		n/a	89.47	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-45	0.001	n/a	3/4/2024	0.0011	Yes	27	n/a		n/a	77.78	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2

Within Limit

Prediction Limit Intrawell Non-parametric

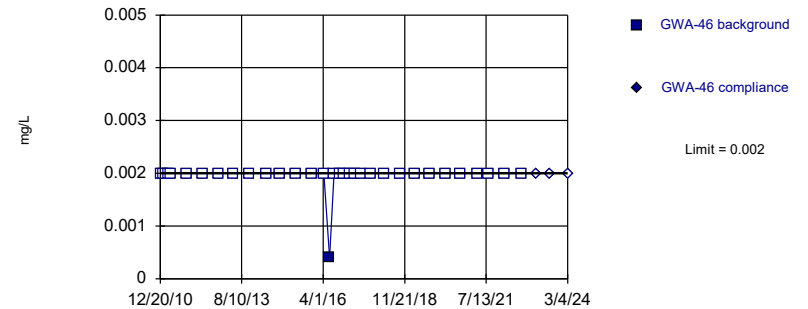


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 96.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Antimony, Total Analysis Run 3/28/2024 11:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

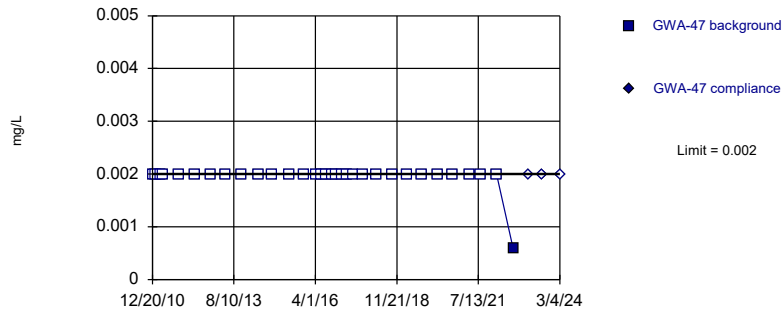


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 96.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Antimony, Total Analysis Run 3/28/2024 11:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

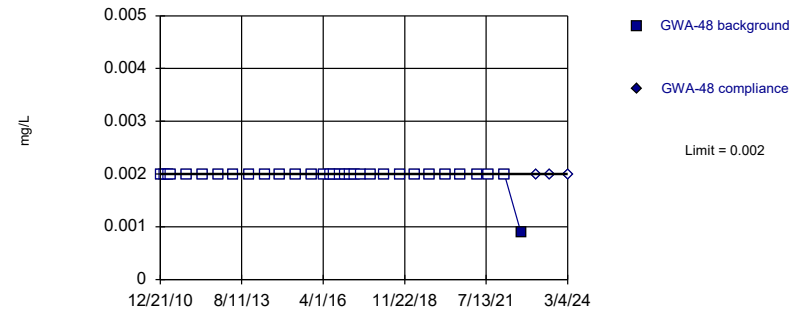


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 96.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Antimony, Total Analysis Run 3/28/2024 11:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

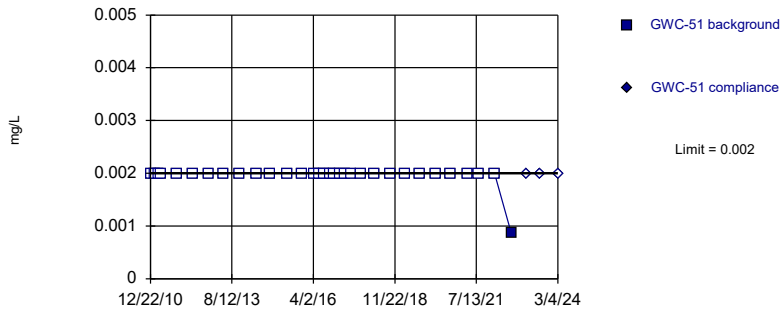


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 96.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Antimony, Total Analysis Run 3/28/2024 11:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

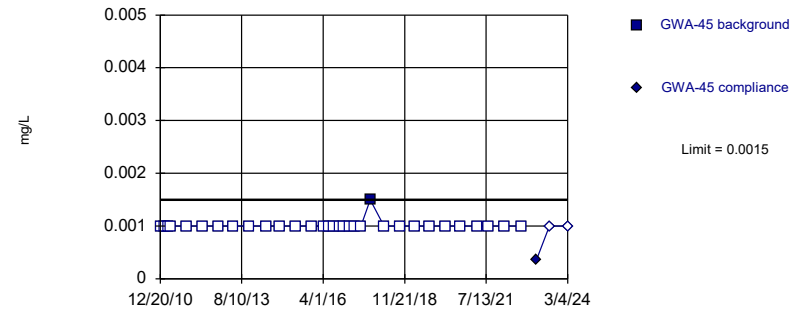


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 96.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Antimony, Total Analysis Run 3/28/2024 11:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

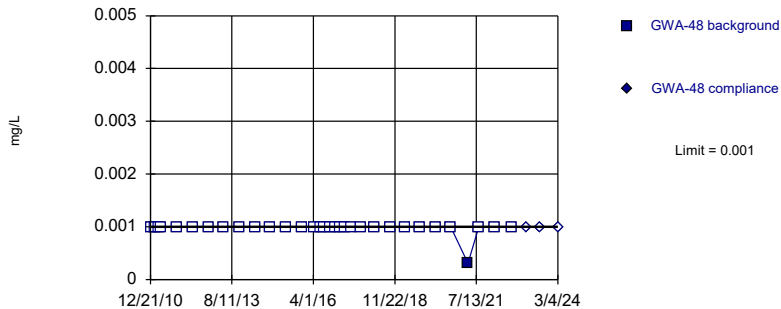


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 96.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Arsenic, Total Analysis Run 3/28/2024 11:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

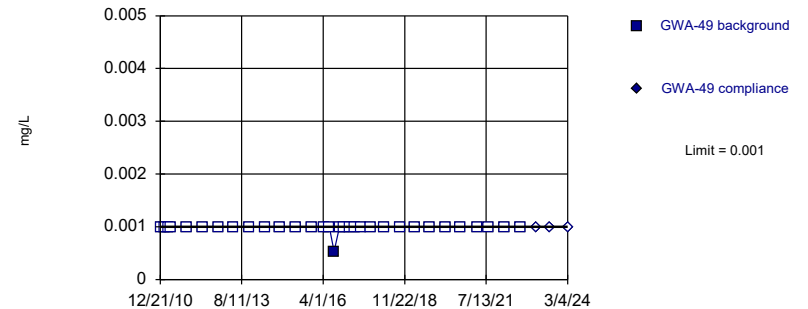


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 96.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Arsenic, Total Analysis Run 3/28/2024 11:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

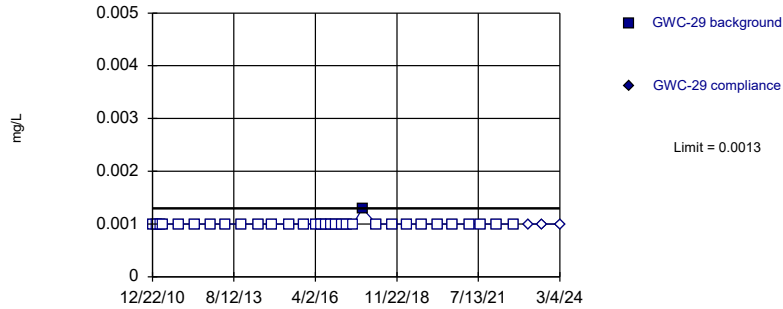


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 96.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Arsenic, Total Analysis Run 3/28/2024 11:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

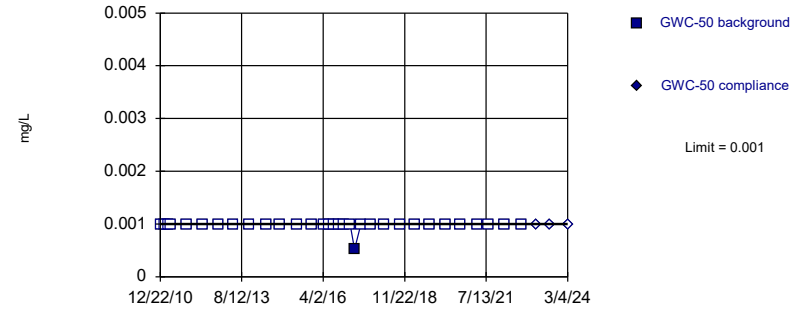


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 96.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Arsenic, Total Analysis Run 3/28/2024 11:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

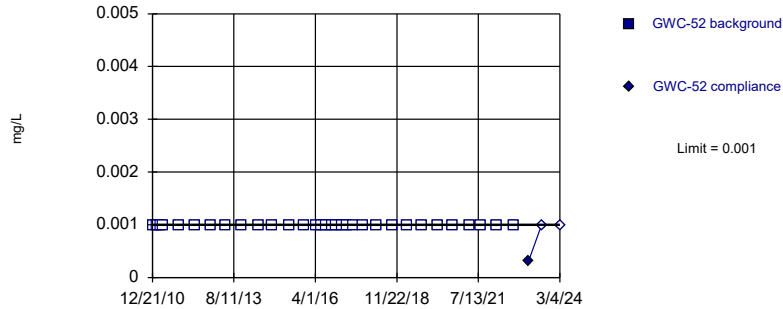


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 96.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Arsenic, Total Analysis Run 3/28/2024 11:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

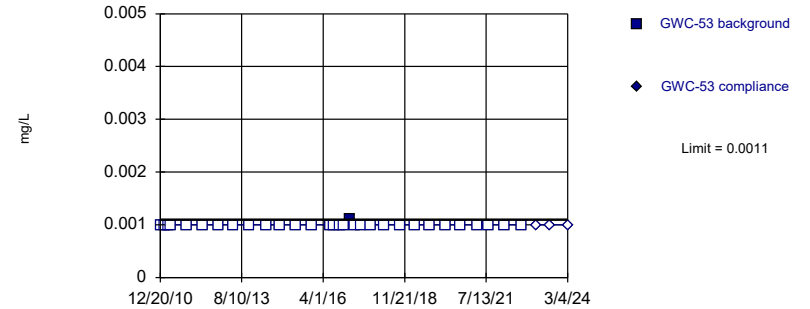


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 32) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Arsenic, Total Analysis Run 3/28/2024 11:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

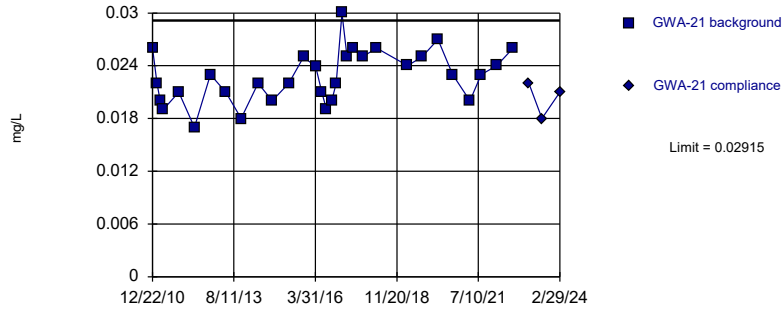


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 96.77% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

Constituent: Arsenic, Total Analysis Run 3/28/2024 11:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Parametric

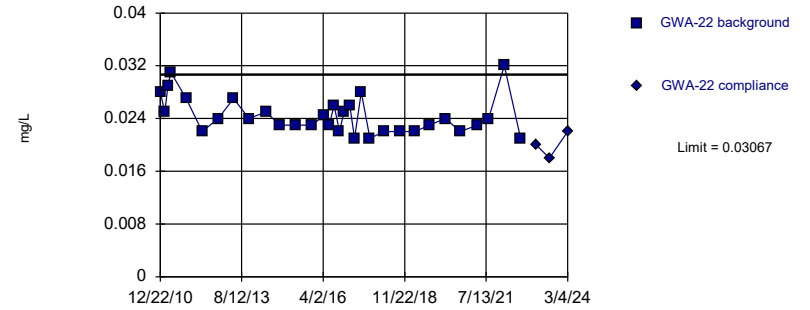


Background Data Summary: Mean=0.02277, Std. Dev.=0.002962, n=31. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9784, critical = 0.902. Kappa = 2.153 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Barium, Total Analysis Run 3/28/2024 11:46 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Parametric

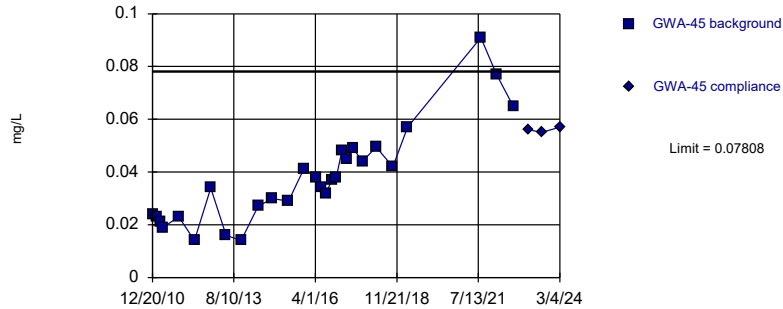


Background Data Summary (based on square root transformation): Mean=0.1561, Std. Dev.=0.008861, n=32. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9098, critical = 0.904. Kappa = 2.146 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Barium, Total Analysis Run 3/28/2024 11:46 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Parametric

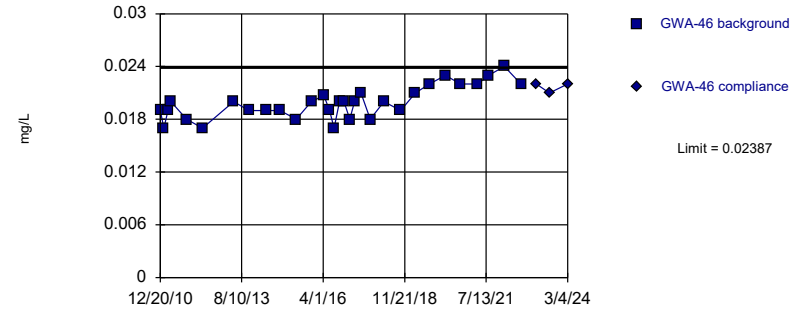


Background Data Summary: Mean=0.03791, Std. Dev.=0.01841, n=28. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9184, critical = 0.896. Kappa = 2.182 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Barium, Total Analysis Run 3/28/2024 11:46 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

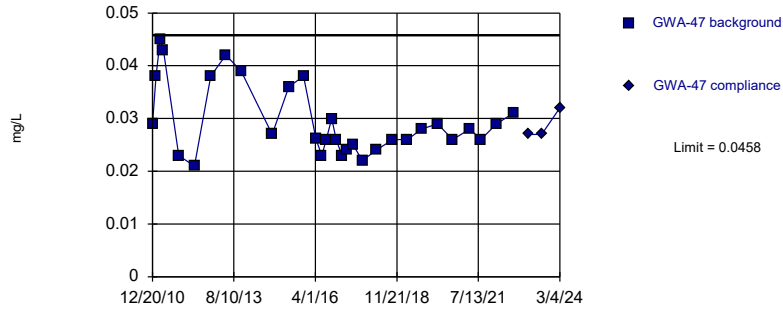
Prediction Limit Intrawell Parametric



Background Data Summary: Mean=0.01989, Std. Dev.=0.001845, n=31. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9496, critical = 0.902. Kappa = 2.153 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Barium, Total Analysis Run 3/28/2024 11:46 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

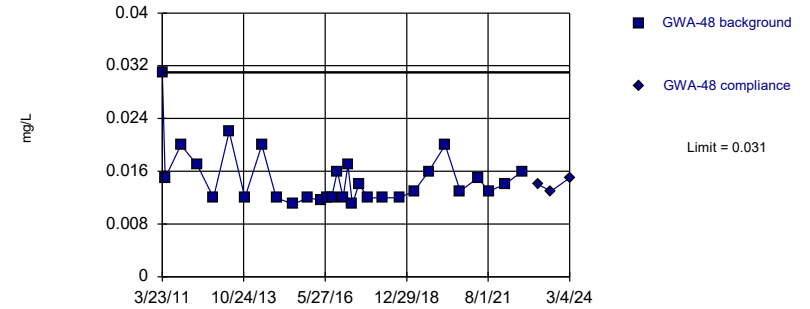
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary (based on natural log transformation): Mean=-3.544, Std. Dev.=0.2137, n=31. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9064, critical = 0.902. Kappa = 2.153 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Barium, Total Analysis Run 3/28/2024 11:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

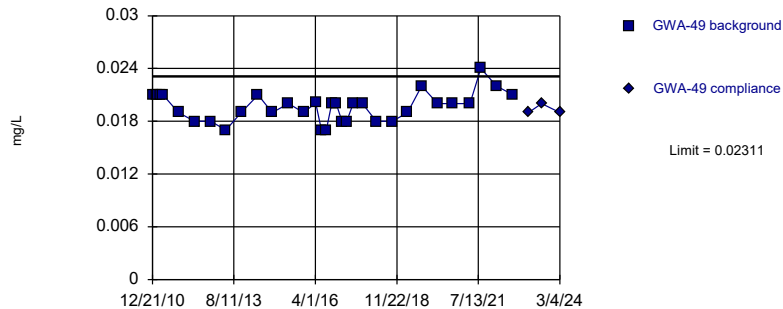
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 30 background values. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

Constituent: Barium, Total Analysis Run 3/28/2024 11:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

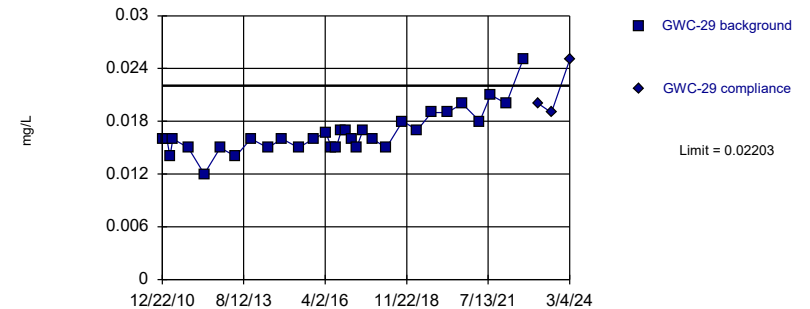
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=0.01963, Std. Dev.=0.001622, n=32. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.945, critical = 0.904. Kappa = 2.146 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Barium, Total Analysis Run 3/28/2024 11:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limit Prediction Limit
Intrawell Parametric

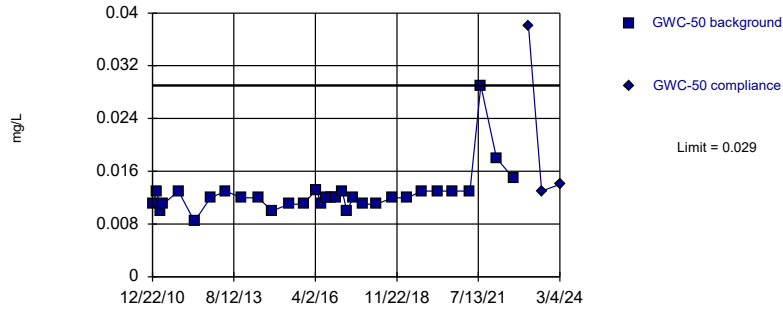


Background Data Summary (based on square root transformation): Mean=0.1287, Std. Dev.=0.009196, n=32. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9151, critical = 0.904. Kappa = 2.146 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Barium, Total Analysis Run 3/28/2024 11:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

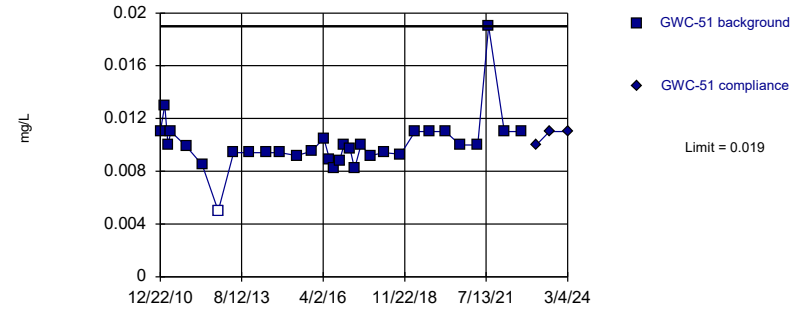


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 32 background values. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Barium, Total Analysis Run 3/28/2024 11:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

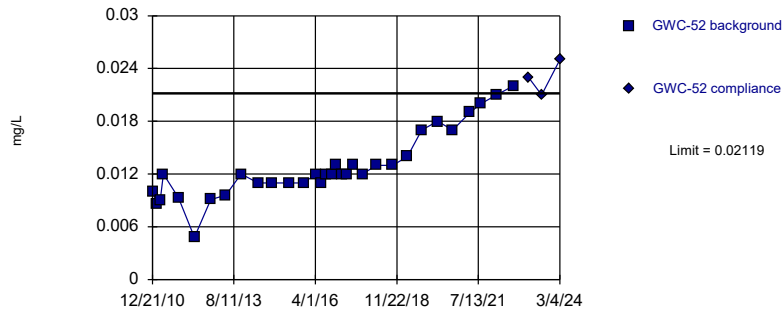


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 32 background values. 3.125% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Barium, Total Analysis Run 3/28/2024 11:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limit

Prediction Limit
Intrawell Parametric

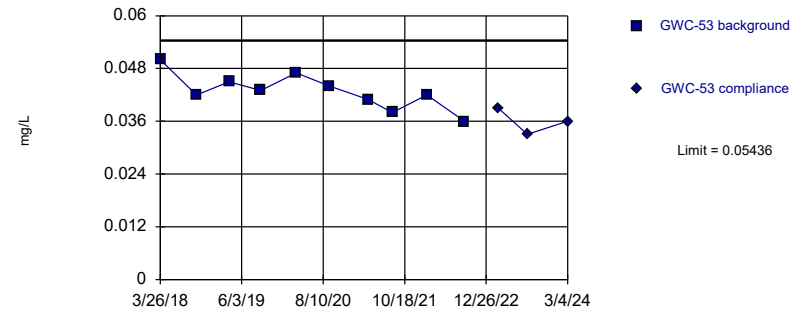


Background Data Summary: Mean=0.01286, Std. Dev.=0.003883, n=32. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9044, critical = 0.904. Kappa = 2.146 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Barium, Total Analysis Run 3/28/2024 11:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

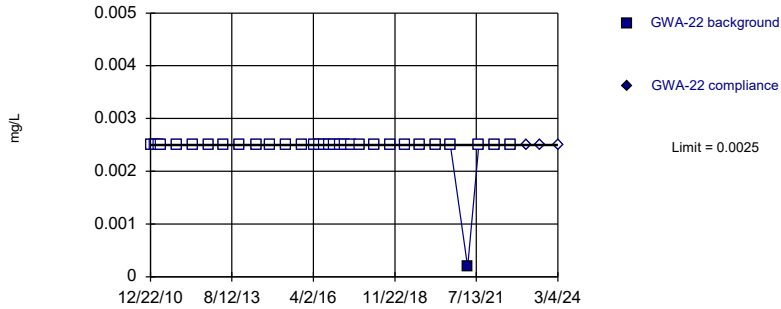


Background Data Summary: Mean=0.0428, Std. Dev.=0.004077, n=10. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9848, critical = 0.842. Kappa = 2.835 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Barium, Total Analysis Run 3/28/2024 11:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

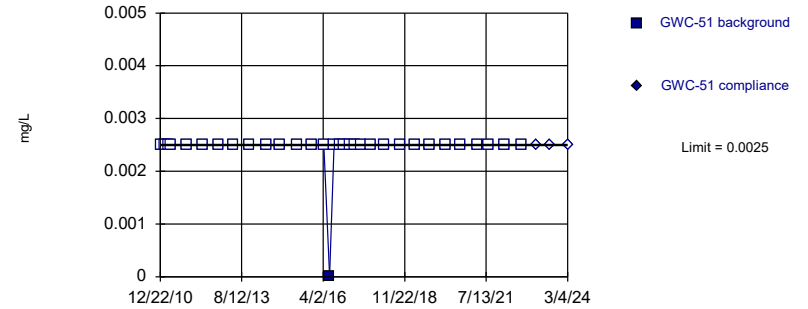


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 96.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Beryllium, Total Analysis Run 3/28/2024 11:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

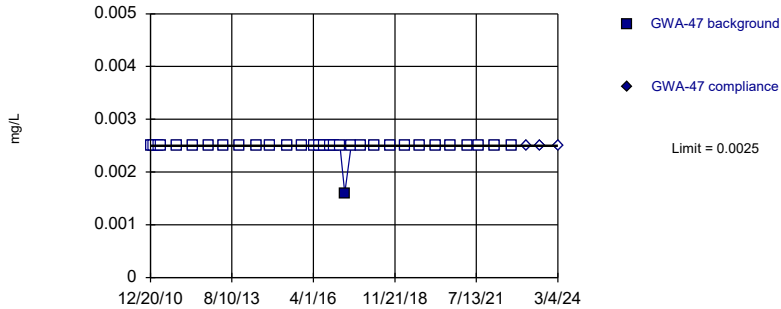


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 96.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Beryllium, Total Analysis Run 3/28/2024 11:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

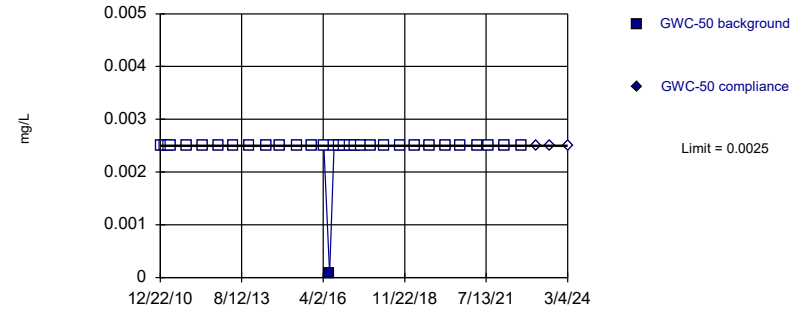


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 96.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Cadmium, Total Analysis Run 3/28/2024 11:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric



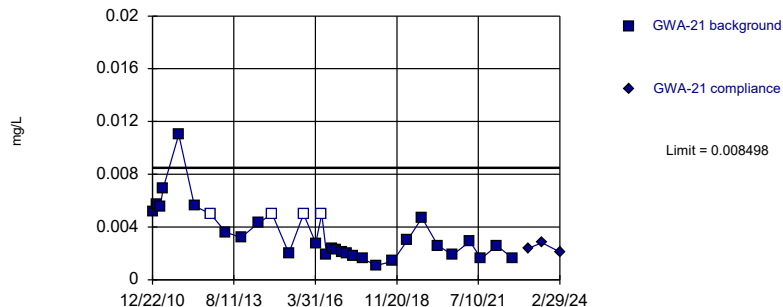
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 96.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Cadmium, Total Analysis Run 3/28/2024 11:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit

Intrawell Parametric



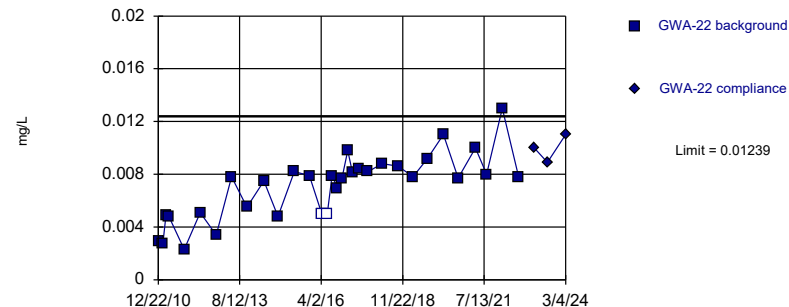
Background Data Summary (based on square root transformation): Mean=0.05731, Std. Dev.=0.01625, n=32, 12.5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9261, critical = 0.904. Kappa = 2.146 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Chromium, Total Analysis Run 3/28/2024 11:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit

Intrawell Parametric



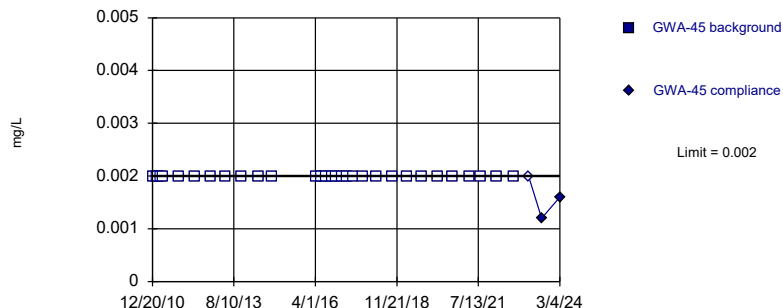
Background Data Summary: Mean=0.007084, Std. Dev.=0.002472, n=32, 6.25% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9475, critical = 0.904. Kappa = 2.146 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Chromium, Total Analysis Run 3/28/2024 11:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



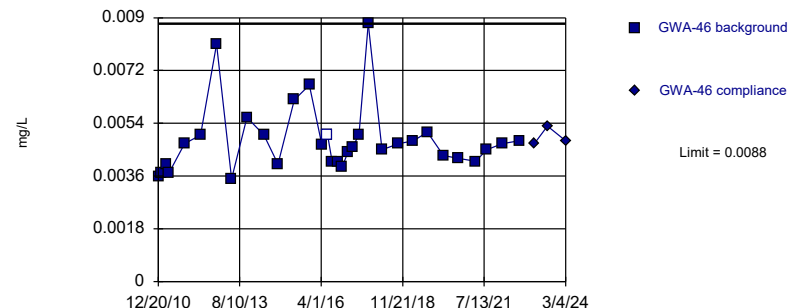
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 30) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

Constituent: Chromium, Total Analysis Run 3/28/2024 11:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit

Intrawell Non-parametric

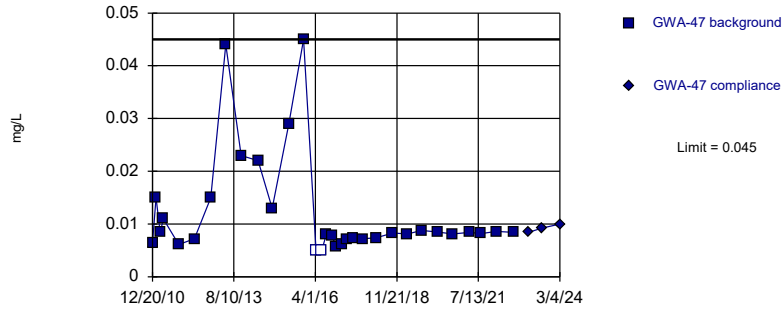


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 32 background values. 3.125% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Chromium, Total Analysis Run 3/28/2024 11:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

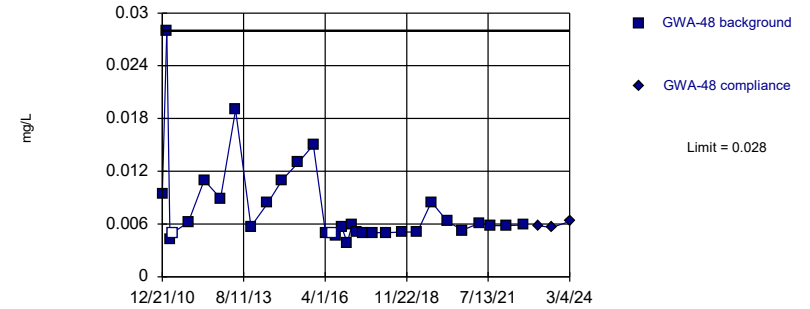


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 32 background values. 6.25% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Chromium, Total Analysis Run 3/28/2024 11:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

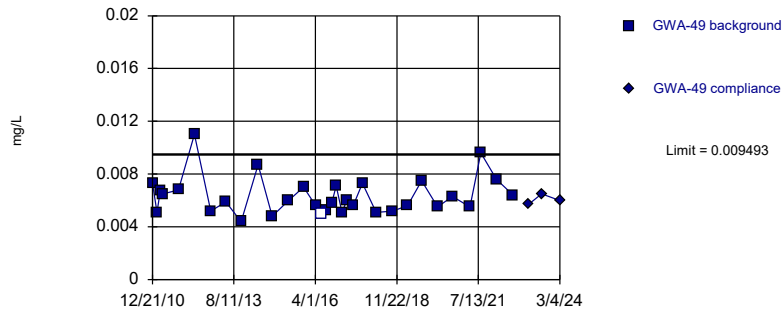


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 32 background values. 6.25% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Chromium, Total Analysis Run 3/28/2024 11:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

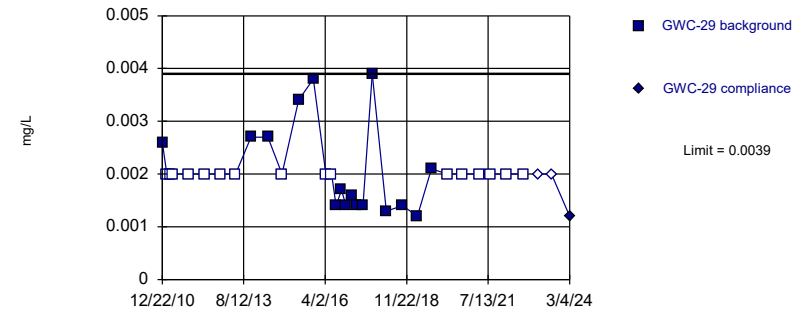


Background Data Summary (based on square root transformation): Mean=0.0791, Std. Dev.=0.008539, n=32, 3.125% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9113, critical = 0.904. Kappa = 2.146 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Chromium, Total Analysis Run 3/28/2024 11:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

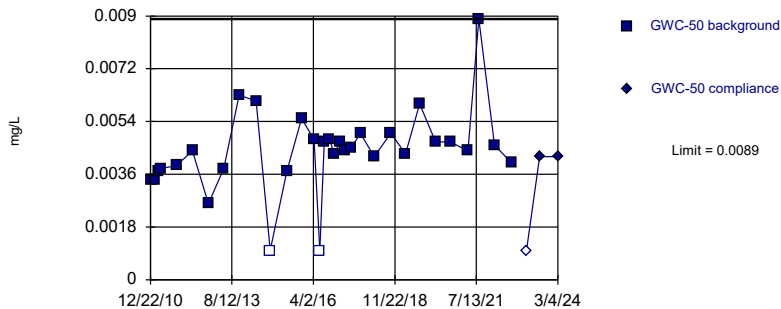


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 32 background values. 50% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Chromium, Total Analysis Run 3/28/2024 11:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

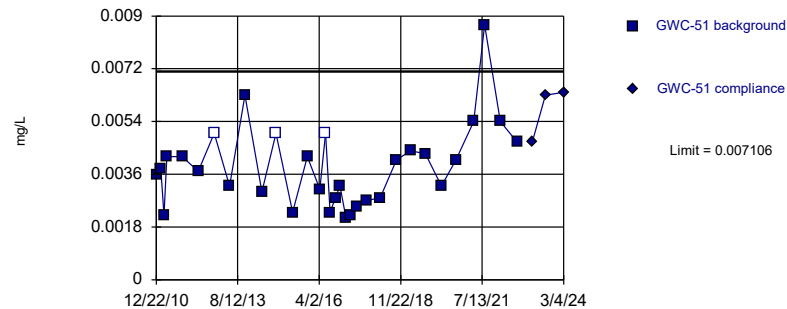


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 32 background values. 6.25% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Chromium, Total Analysis Run 3/28/2024 11:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

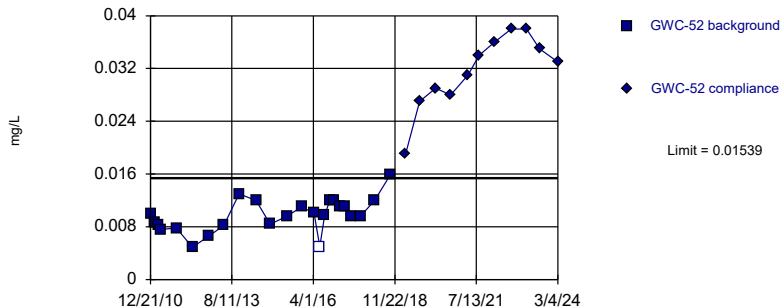


Background Data Summary (based on square root transformation): Mean=0.06127, Std. Dev.=0.01073, n=32, 9.375% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9466, critical = 0.904. Kappa = 2.146 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Chromium, Total Analysis Run 3/28/2024 11:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limit

Prediction Limit
Intrawell Parametric

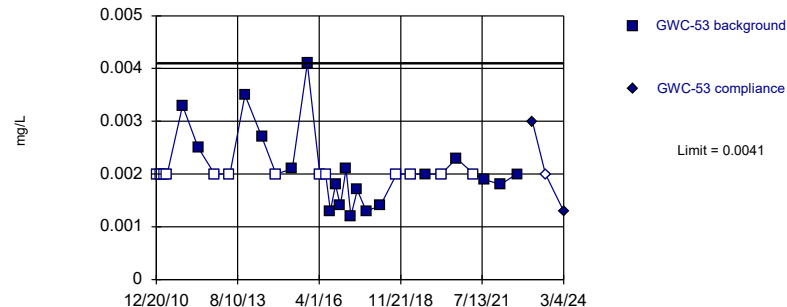


Background Data Summary: Mean=0.00975, Std. Dev.=0.002526, n=24, 4.167% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9716, critical = 0.884. Kappa = 2.232 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Chromium, Total Analysis Run 3/28/2024 11:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

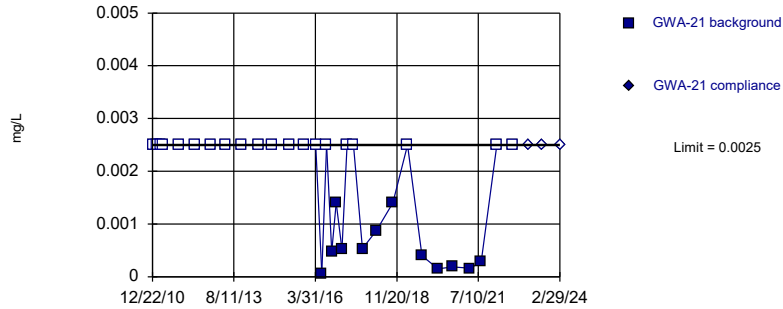


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 32 background values. 40.63% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Chromium, Total Analysis Run 3/28/2024 11:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

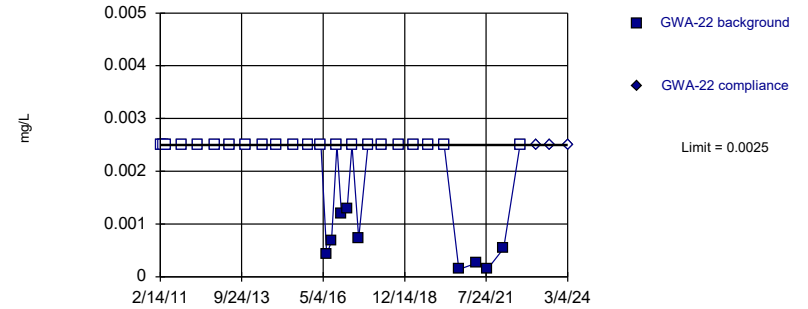


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 62.5% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Cobalt, Total Analysis Run 3/28/2024 11:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

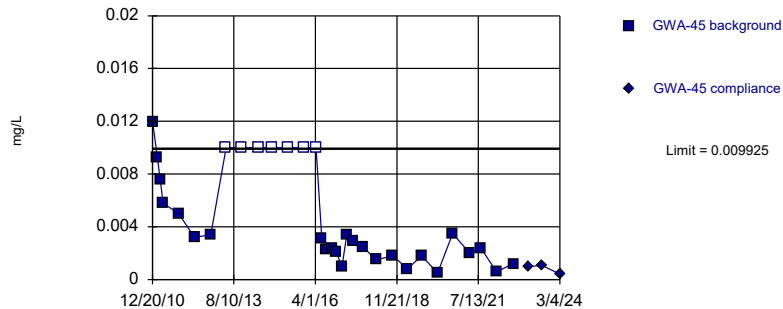


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 70.97% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

Constituent: Cobalt, Total Analysis Run 3/28/2024 11:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

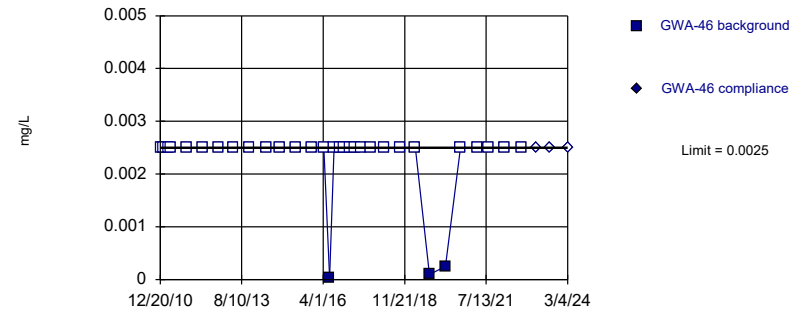


Background Data Summary (based on cube root transformation) (after Kaplan-Meier Adjustment): Mean=0.1351, Std. Dev.=0.03718, n=32, 21.88% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9071, critical = 0.904. Kappa = 2.146 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Cobalt, Total Analysis Run 3/28/2024 11:47 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

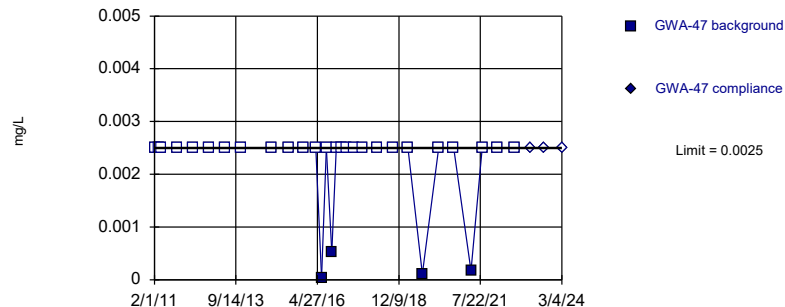


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 90.63% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Cobalt, Total Analysis Run 3/28/2024 11:47 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

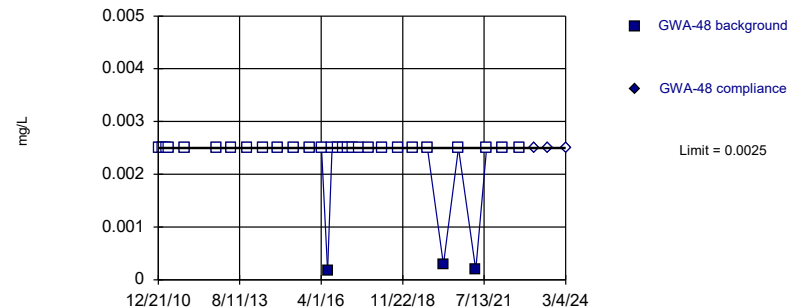


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 86.67% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

Constituent: Cobalt, Total Analysis Run 3/28/2024 11:47 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

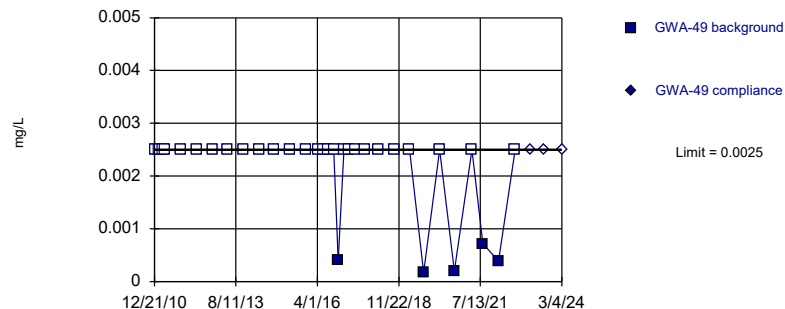


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 90.32% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

Constituent: Cobalt, Total Analysis Run 3/28/2024 11:47 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

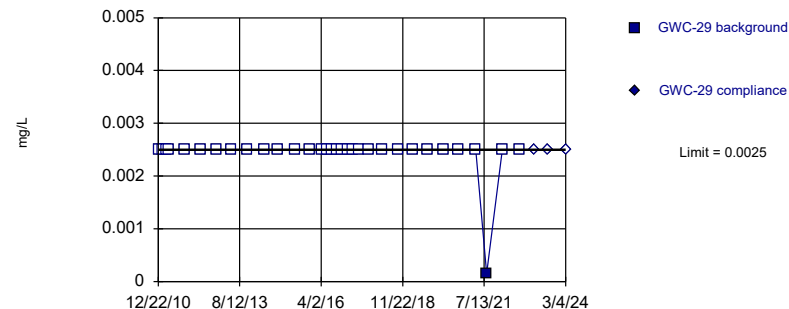


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 84.38% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Cobalt, Total Analysis Run 3/28/2024 11:47 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

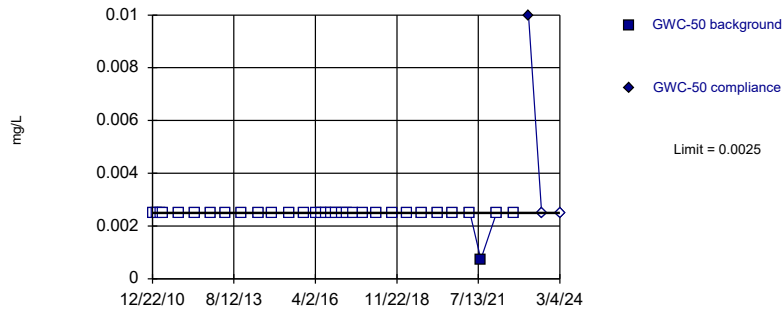


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 96.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Cobalt, Total Analysis Run 3/28/2024 11:47 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

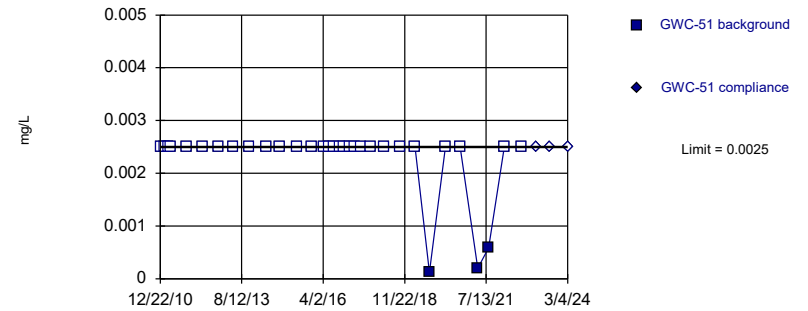


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 96.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Cobalt, Total Analysis Run 3/28/2024 11:47 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

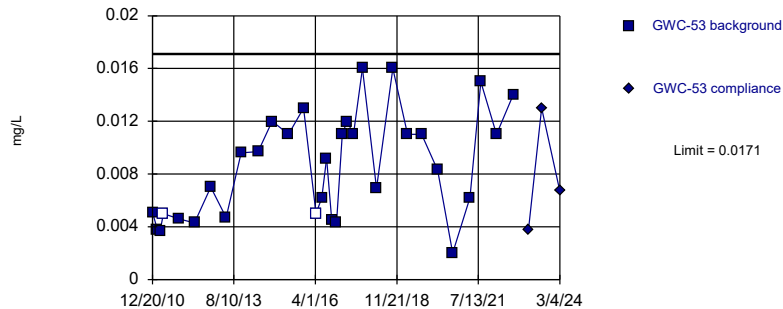


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 90.63% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Cobalt, Total Analysis Run 3/28/2024 11:47 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

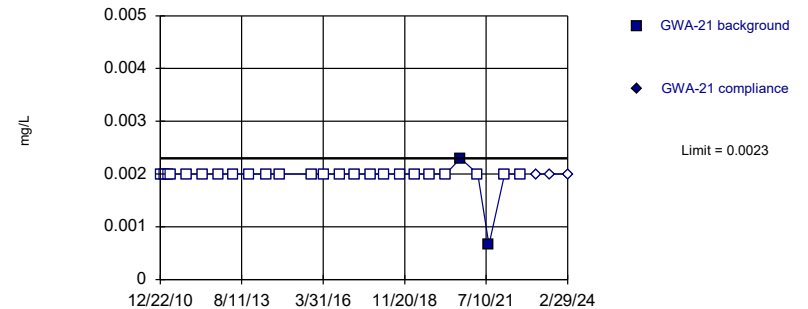


Background Data Summary: Mean=0.008566, Std. Dev.=0.003976, n=32, 6.25% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9316, critical = 0.904. Kappa = 2.146 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Cobalt, Total Analysis Run 3/28/2024 11:47 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

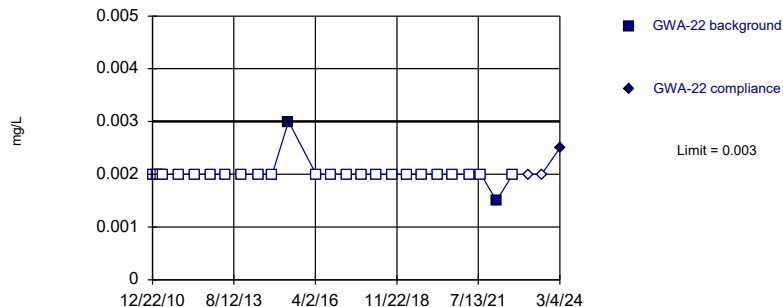


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 92.31% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Copper, Total Analysis Run 3/28/2024 11:47 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

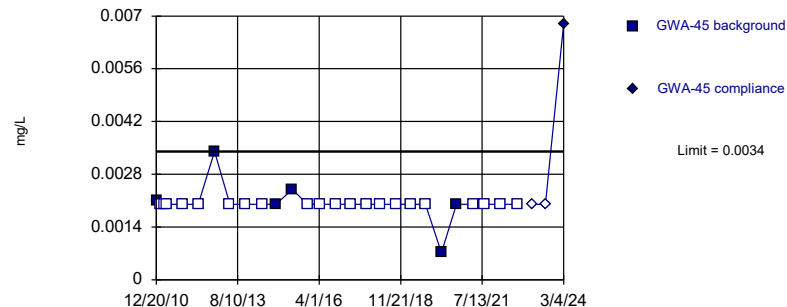


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 92.31% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Copper, Total Analysis Run 3/28/2024 11:47 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limit

Prediction Limit
Intrawell Non-parametric

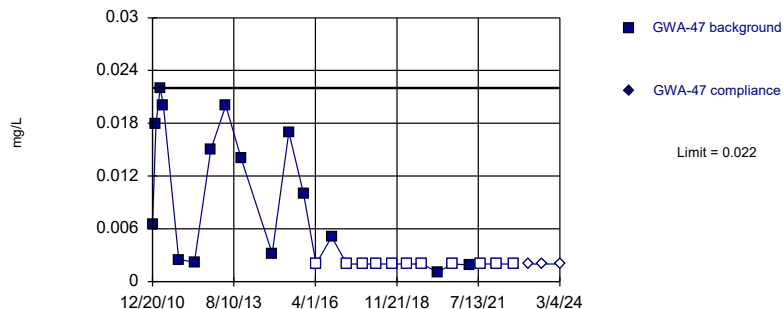


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 77.78% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Copper, Total Analysis Run 3/28/2024 11:47 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

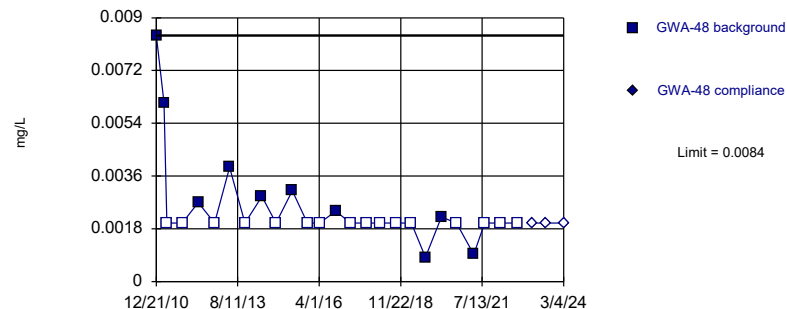


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 26 background values. 42.31% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Copper, Total Analysis Run 3/28/2024 11:47 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

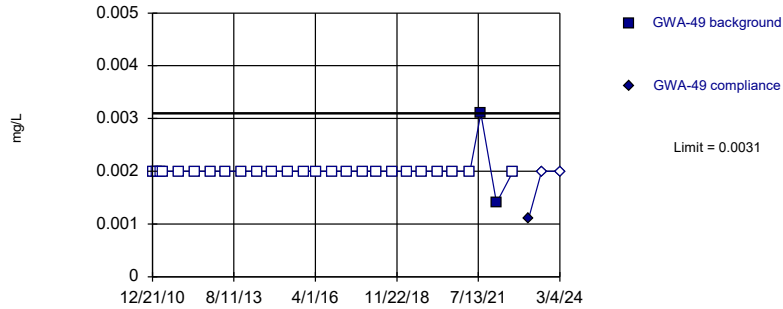


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 61.54% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Copper, Total Analysis Run 3/28/2024 11:47 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

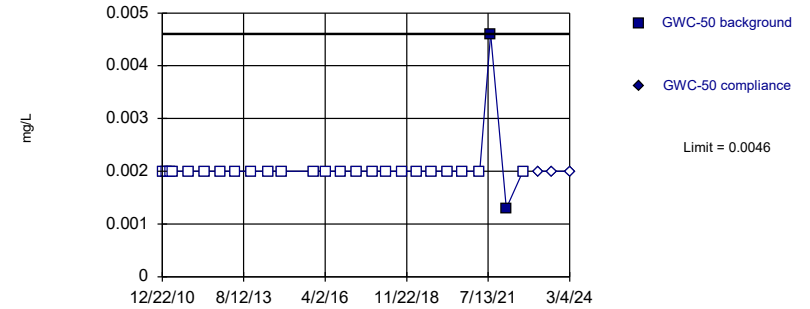


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 92.59% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Copper, Total Analysis Run 3/28/2024 11:47 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

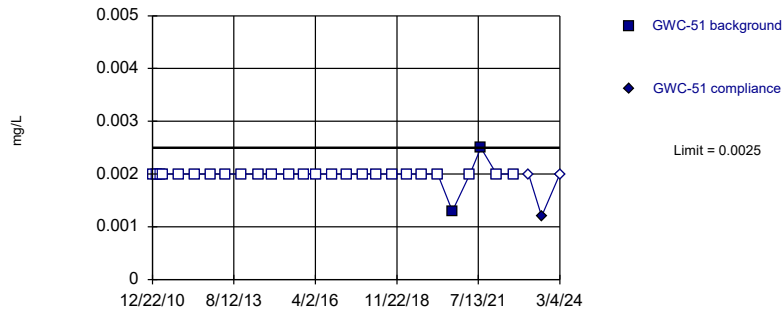


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 92.31% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Copper, Total Analysis Run 3/28/2024 11:47 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

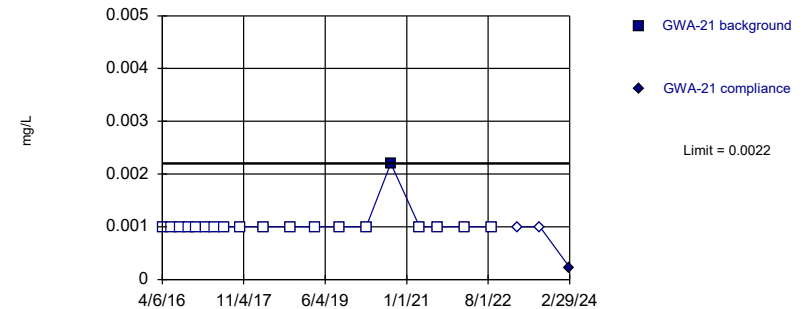


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 92.59% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Copper, Total Analysis Run 3/28/2024 11:47 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

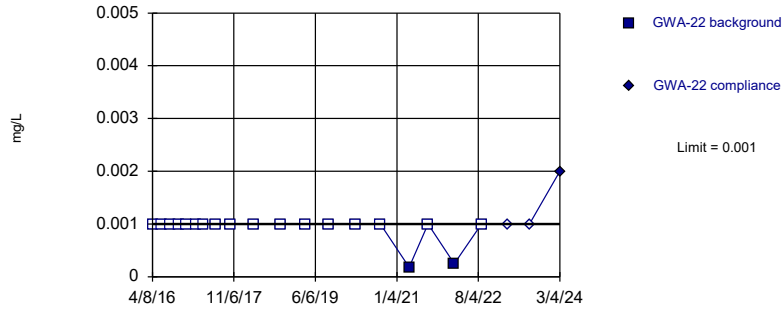


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 94.74% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Lead, Total Analysis Run 3/28/2024 11:47 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limit

Prediction Limit
Intrawell Non-parametric

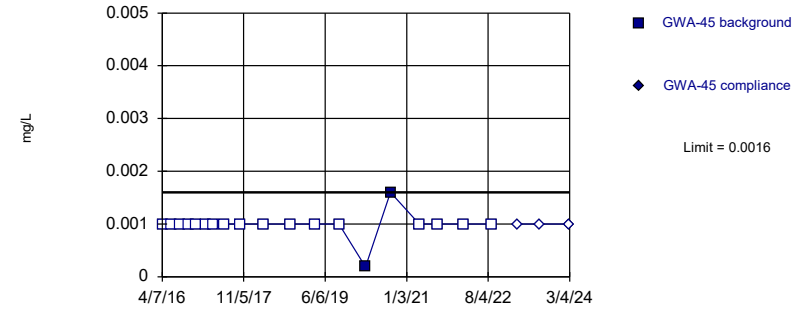


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 89.47% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Lead, Total Analysis Run 3/28/2024 11:47 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

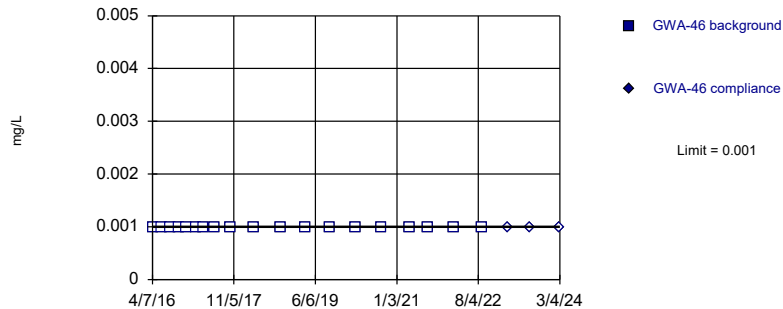


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 89.47% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Lead, Total Analysis Run 3/28/2024 11:47 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

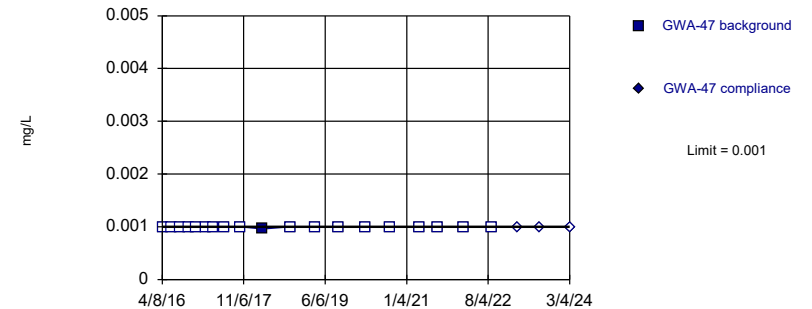


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 19) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Lead, Total Analysis Run 3/28/2024 11:47 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

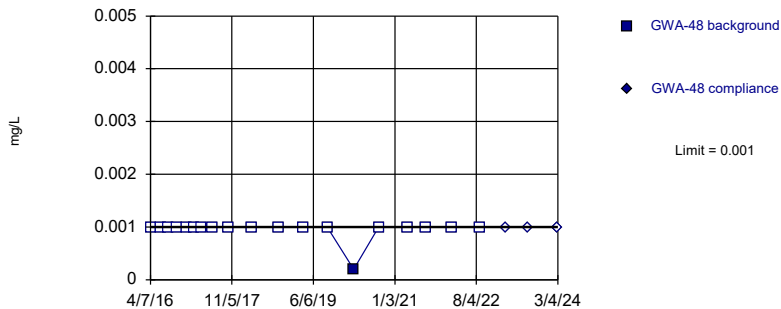


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 94.74% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Lead, Total Analysis Run 3/28/2024 11:47 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

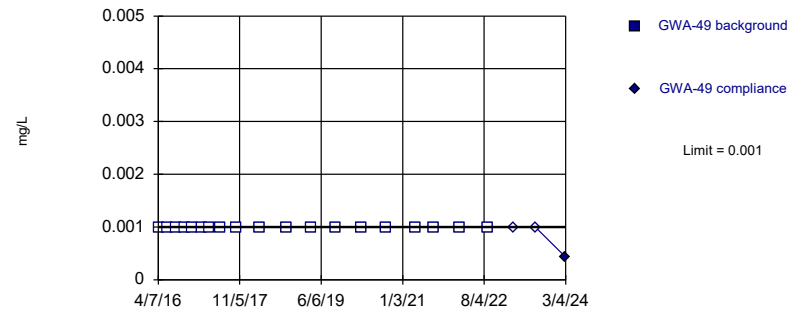


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 94.74% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Lead, Total Analysis Run 3/28/2024 11:47 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

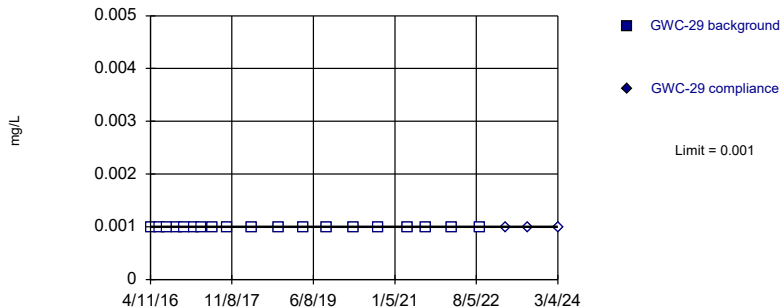


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 19) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Lead, Total Analysis Run 3/28/2024 11:47 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

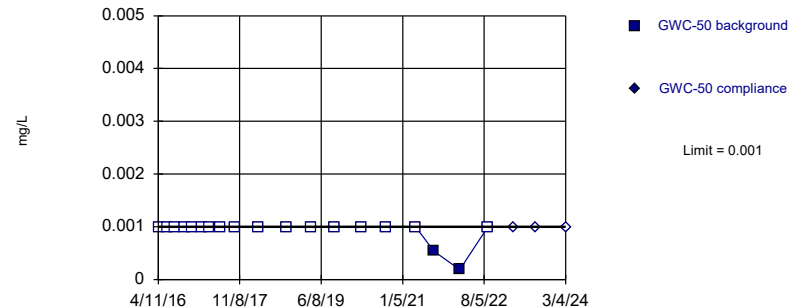


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 19) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Lead, Total Analysis Run 3/28/2024 11:47 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

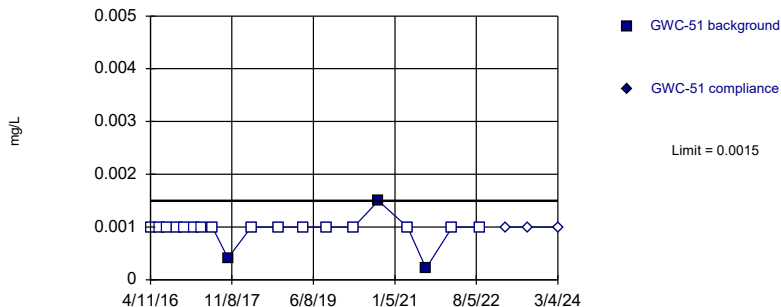


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 89.47% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Lead, Total Analysis Run 3/28/2024 11:47 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

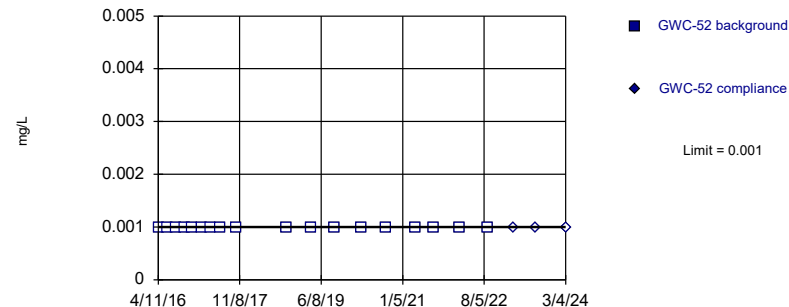


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 84.21% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Lead, Total Analysis Run 3/28/2024 11:47 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

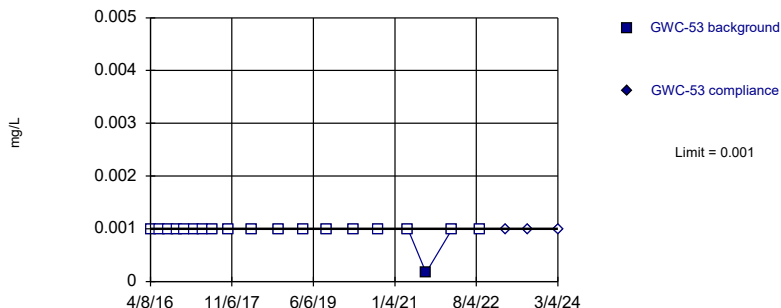


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 18) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01072. Individual comparison alpha = 0.005373 (1 of 2).

Constituent: Lead, Total Analysis Run 3/28/2024 11:47 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

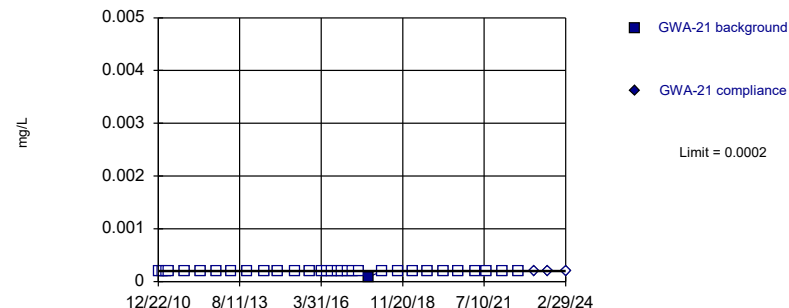


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 94.74% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Lead, Total Analysis Run 3/28/2024 11:47 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

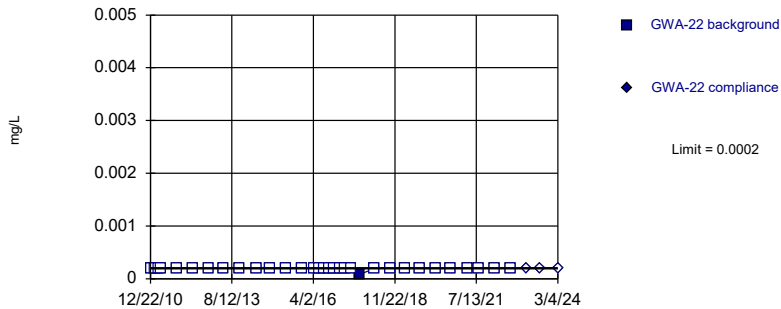


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 96.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Mercury, Total Analysis Run 3/28/2024 11:47 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

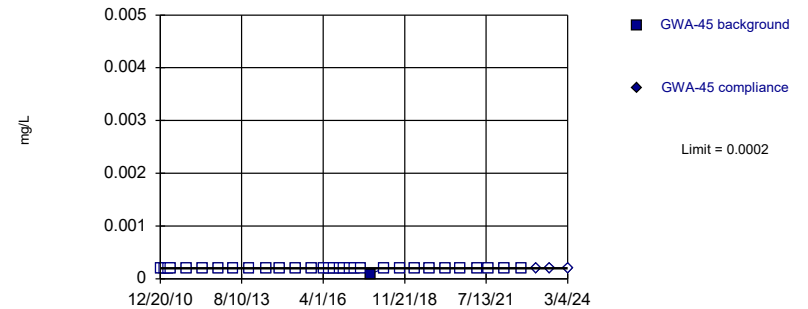


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 96.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Mercury, Total Analysis Run 3/28/2024 11:47 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

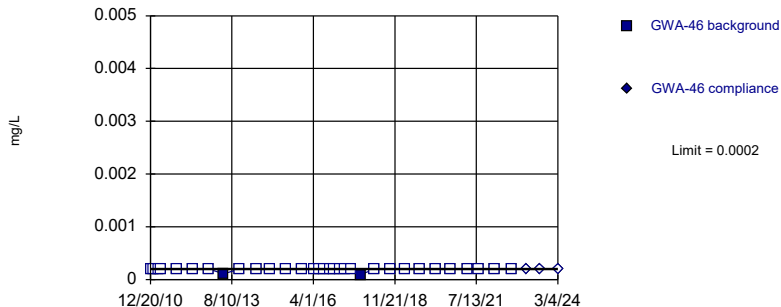


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 96.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Mercury, Total Analysis Run 3/28/2024 11:47 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

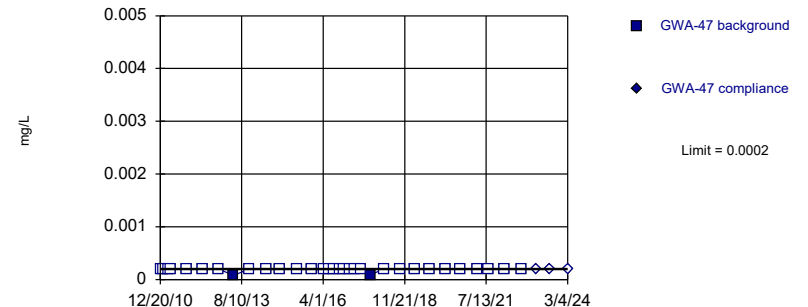


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Mercury, Total Analysis Run 3/28/2024 11:47 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric



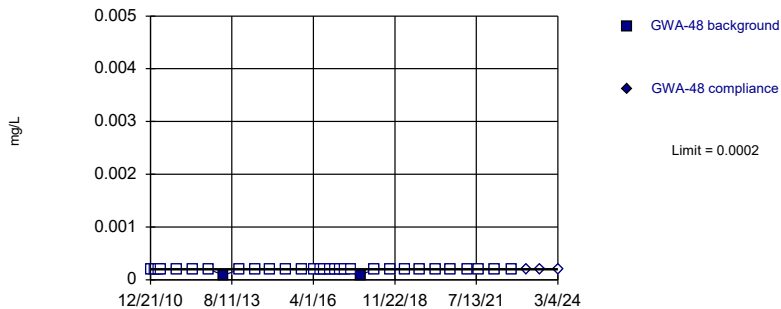
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Mercury, Total Analysis Run 3/28/2024 11:47 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



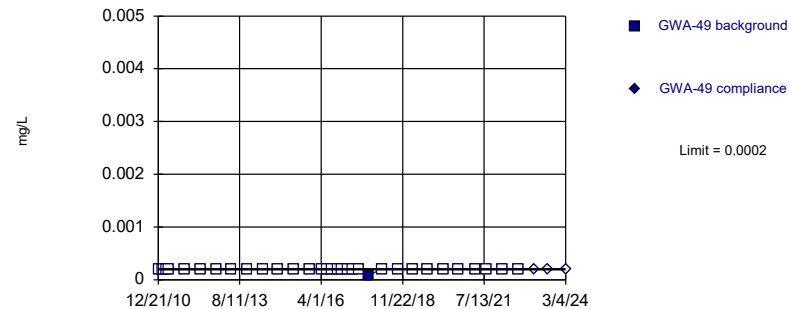
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Mercury, Total Analysis Run 3/28/2024 11:47 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.16b Software licensed to . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



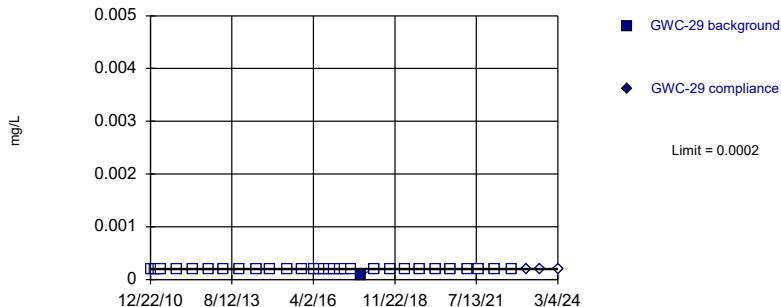
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 96.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Mercury, Total Analysis Run 3/28/2024 11:47 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.16b Software licensed to . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



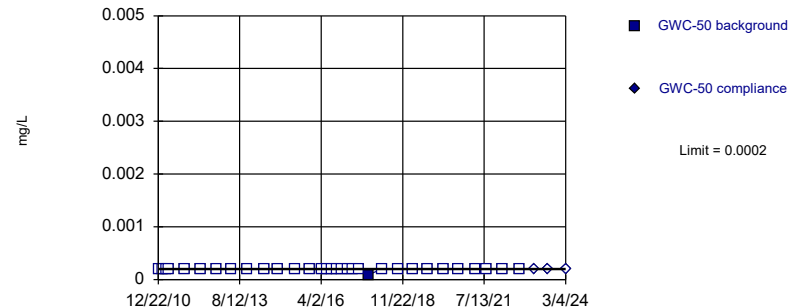
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 96.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Mercury, Total Analysis Run 3/28/2024 11:47 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.16b Software licensed to . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric

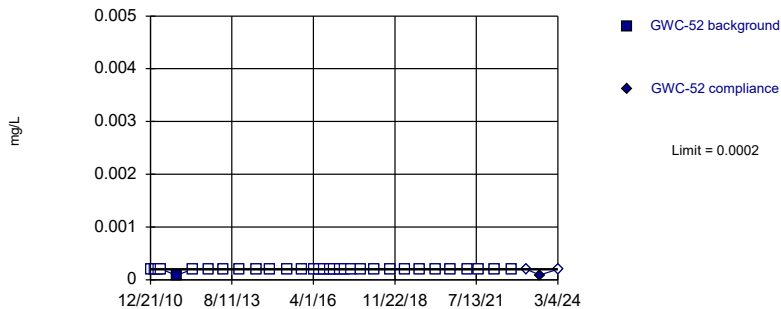


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 96.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Mercury, Total Analysis Run 3/28/2024 11:47 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

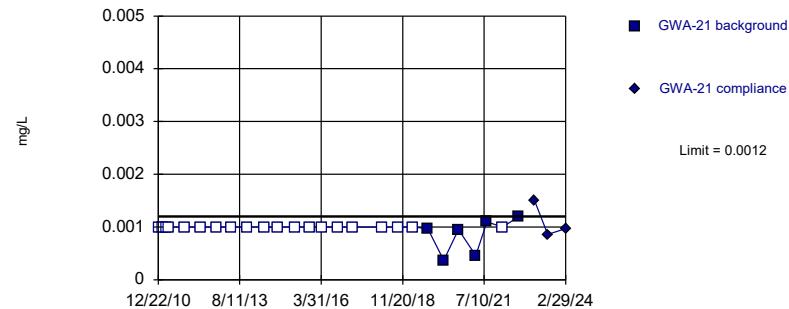


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 96.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Mercury, Total Analysis Run 3/28/2024 11:47 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

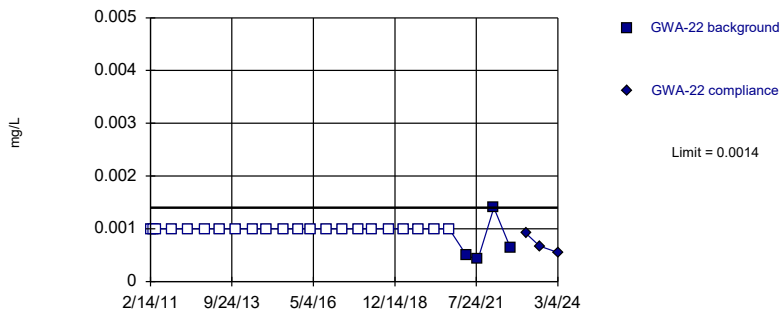


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 76.92% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Nickel, Total Analysis Run 3/28/2024 11:47 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

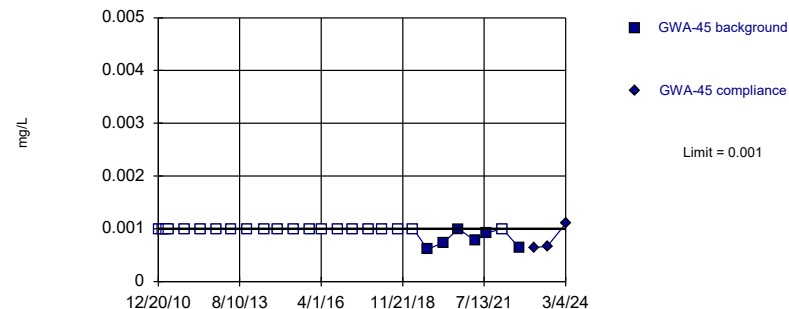


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 84.62% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Nickel, Total Analysis Run 3/28/2024 11:47 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limit

Prediction Limit Intrawell Non-parametric

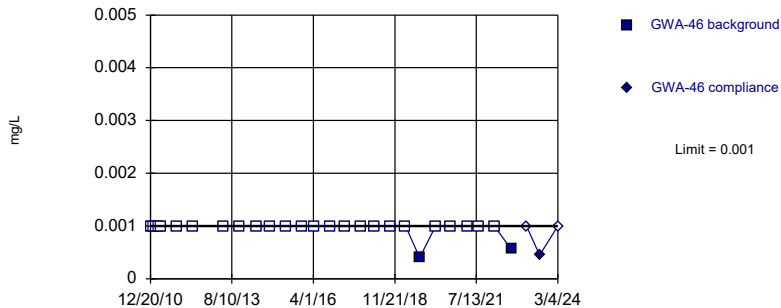


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 77.78% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Nickel, Total Analysis Run 3/28/2024 11:47 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

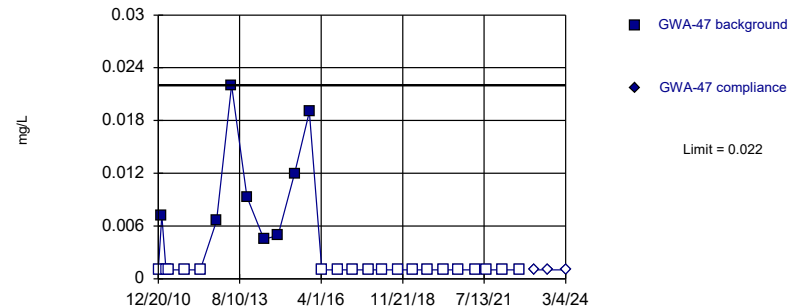


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 92.31% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Nickel, Total Analysis Run 3/28/2024 11:47 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

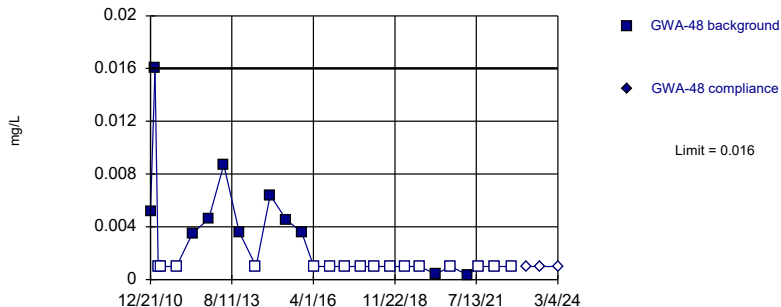


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 70.37% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Nickel, Total Analysis Run 3/28/2024 11:47 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

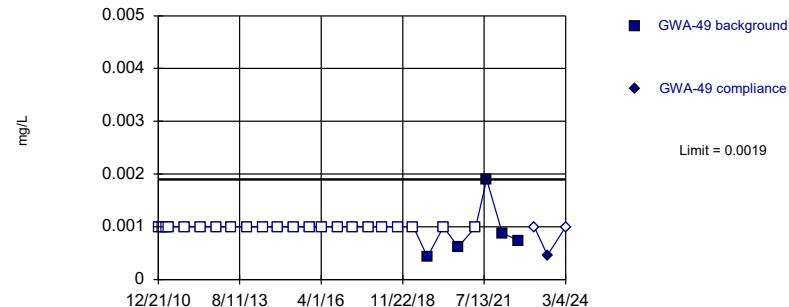


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 59.26% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Nickel, Total Analysis Run 3/28/2024 11:47 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

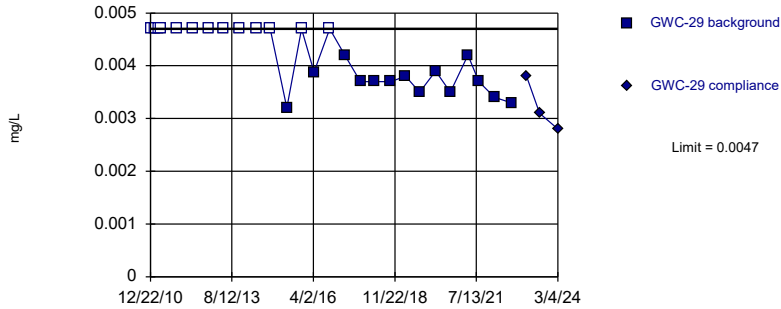


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 81.48% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Nickel, Total Analysis Run 3/28/2024 11:47 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

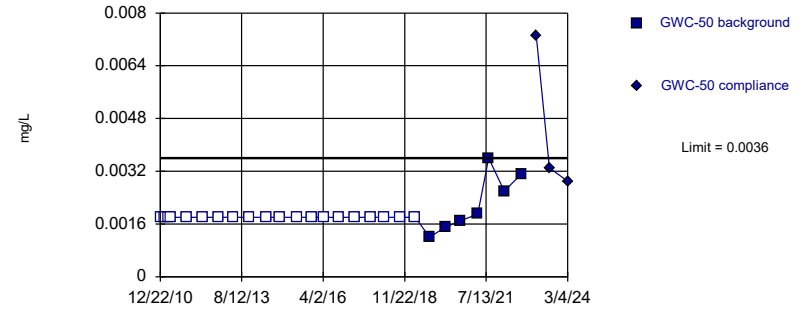


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 27 background values. 48.15% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Nickel, Total Analysis Run 3/28/2024 11:47 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

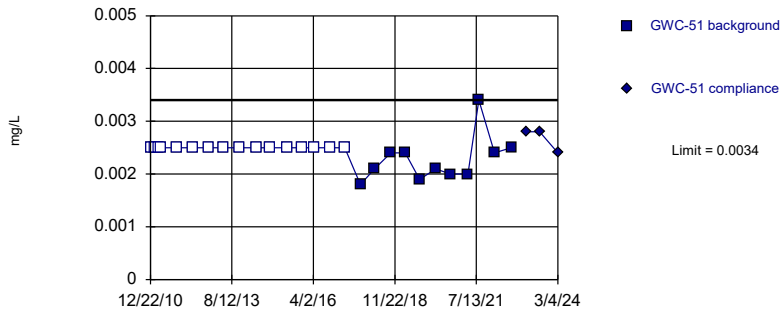


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 74.07% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Nickel, Total Analysis Run 3/28/2024 11:47 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

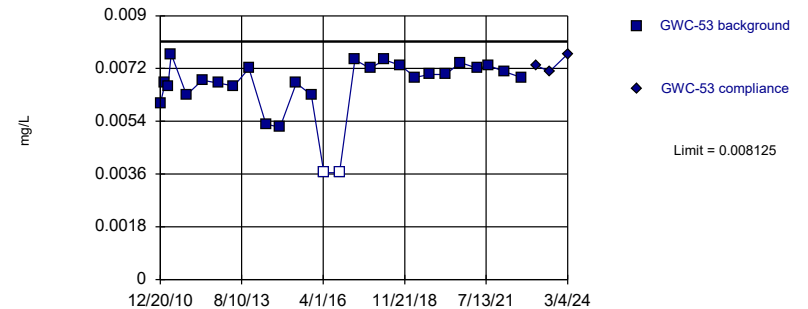


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 59.26% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Nickel, Total Analysis Run 3/28/2024 11:47 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

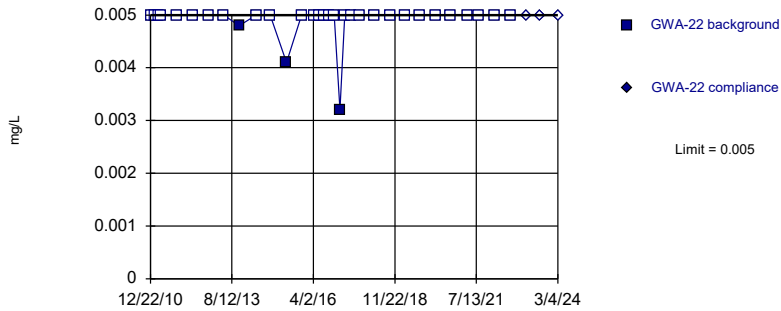


Background Data Summary (based on cube transformation): Mean=3.0e-7, Std. Dev.=1.1e-7, n=27, 7.407% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8997, critical = 0.894. Kappa = 2.193 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Nickel, Total Analysis Run 3/28/2024 11:47 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

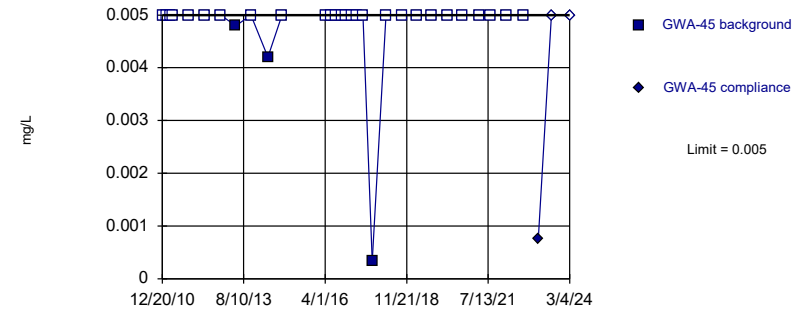


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 90.63% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Selenium, Total Analysis Run 3/28/2024 11:47 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

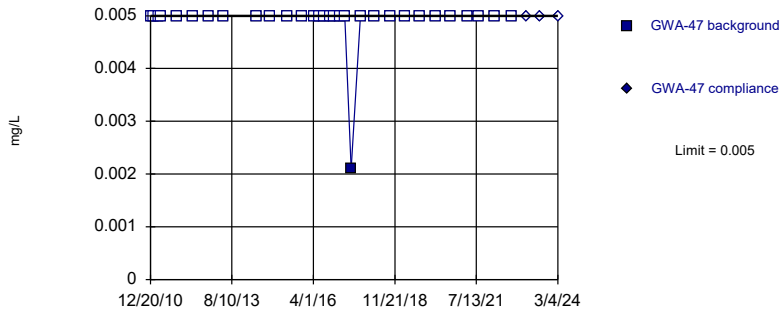


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 90% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

Constituent: Selenium, Total Analysis Run 3/28/2024 11:47 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

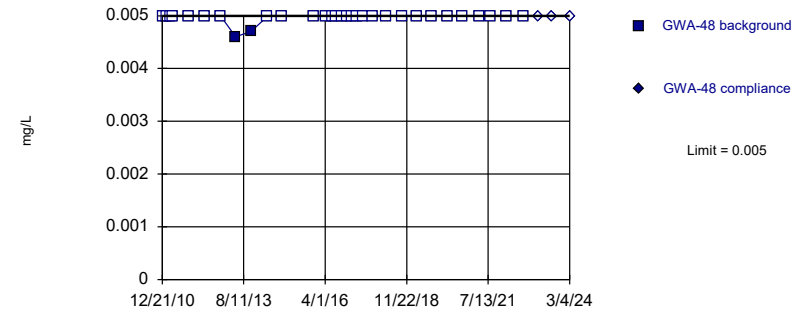


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 96.77% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

Constituent: Selenium, Total Analysis Run 3/28/2024 11:47 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

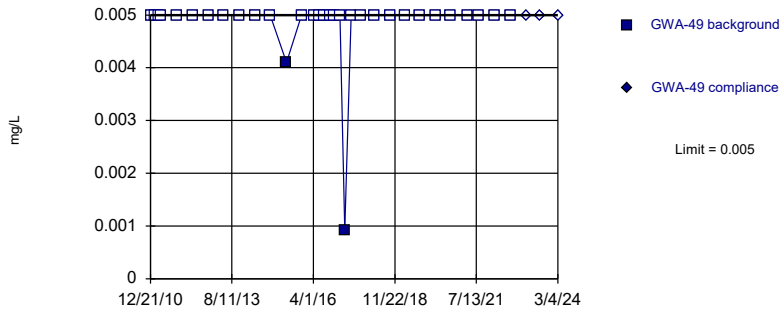


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 93.55% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

Constituent: Selenium, Total Analysis Run 3/28/2024 11:47 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

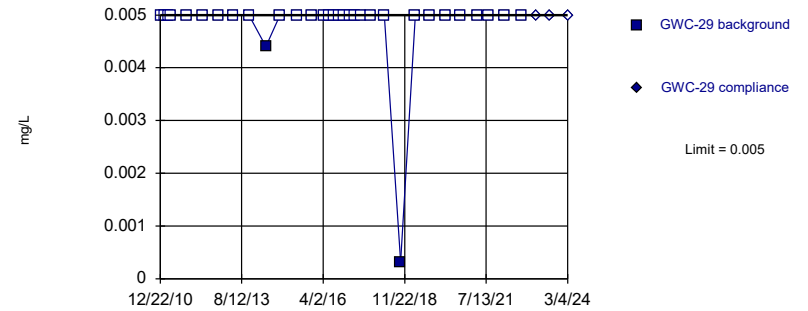


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Selenium, Total Analysis Run 3/28/2024 11:47 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

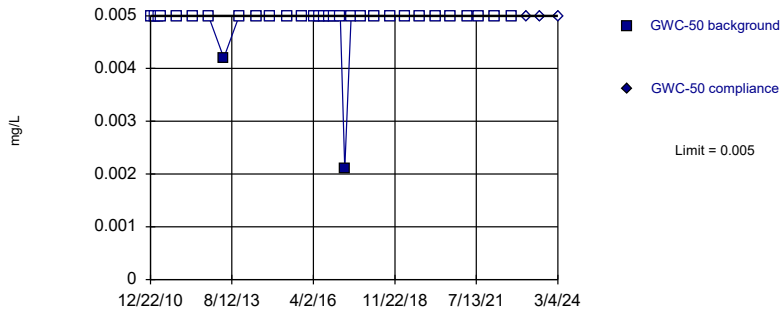


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Selenium, Total Analysis Run 3/28/2024 11:47 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

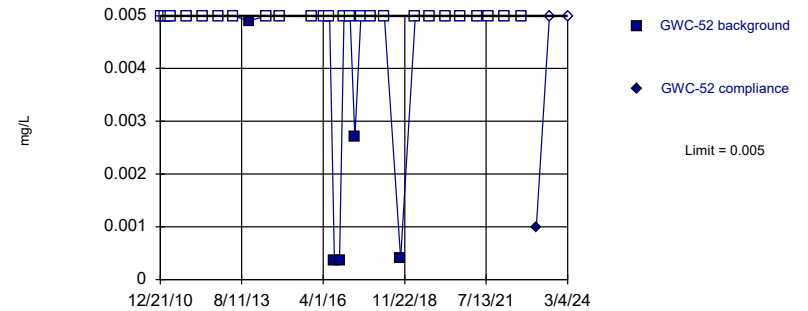


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Selenium, Total Analysis Run 3/28/2024 11:47 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

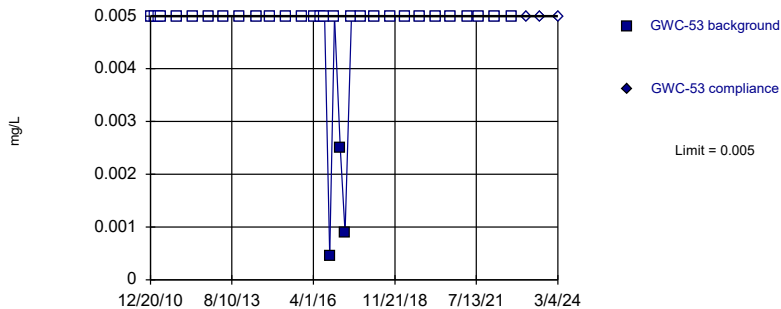


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 83.87% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

Constituent: Selenium, Total Analysis Run 3/28/2024 11:47 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

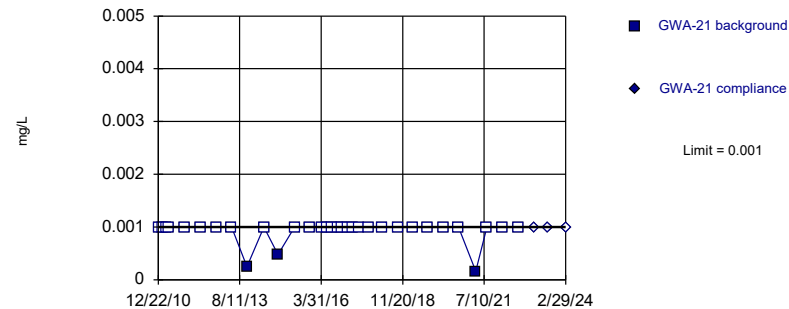


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 90.63% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Selenium, Total Analysis Run 3/28/2024 11:48 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

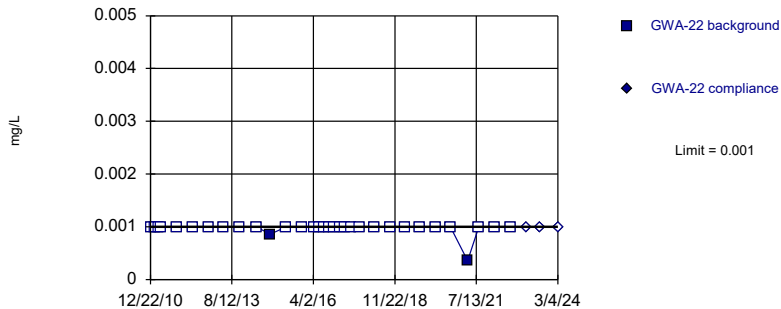


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 90.63% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Thallium, Total Analysis Run 3/28/2024 11:48 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

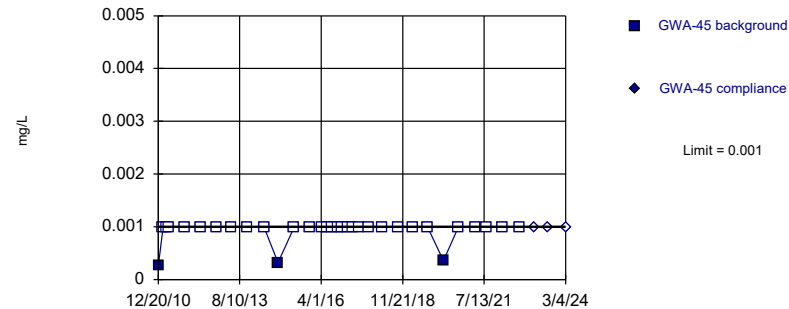


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Thallium, Total Analysis Run 3/28/2024 11:48 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

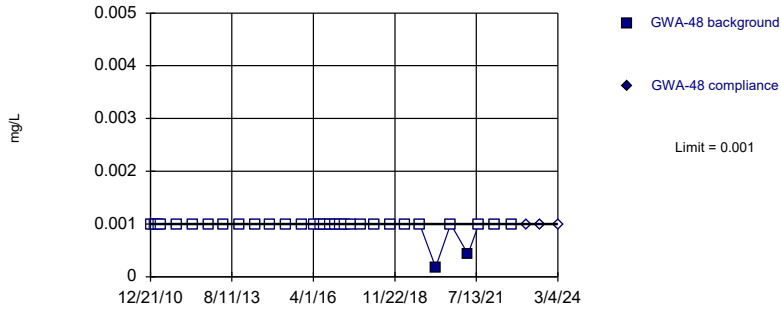


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 90.63% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Thallium, Total Analysis Run 3/28/2024 11:48 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

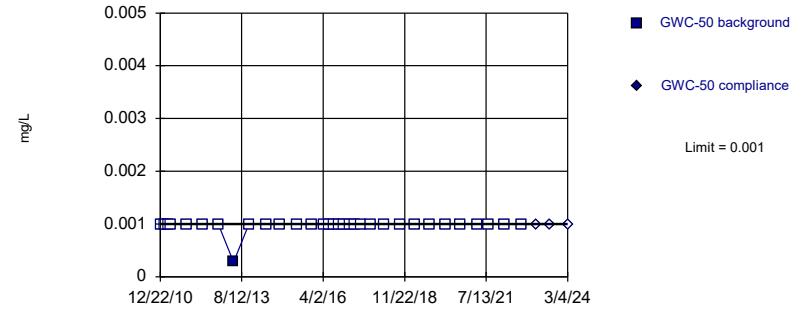


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Thallium, Total Analysis Run 3/28/2024 11:48 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

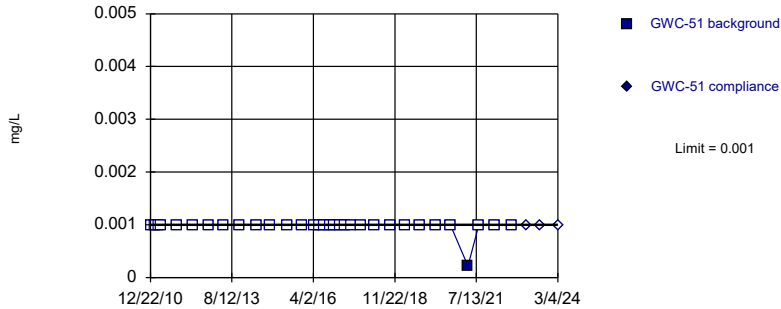


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 96.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Thallium, Total Analysis Run 3/28/2024 11:48 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

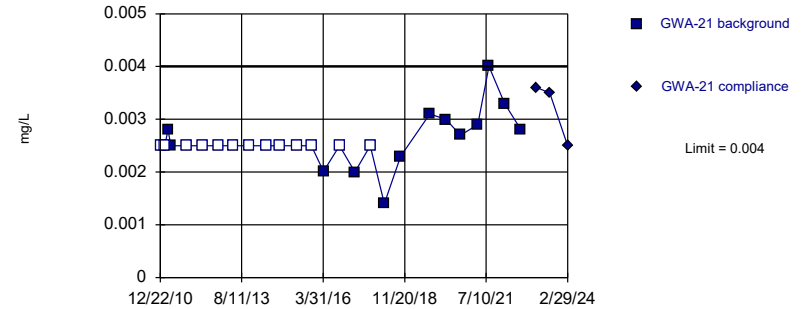


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 96.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Thallium, Total Analysis Run 3/28/2024 11:48 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

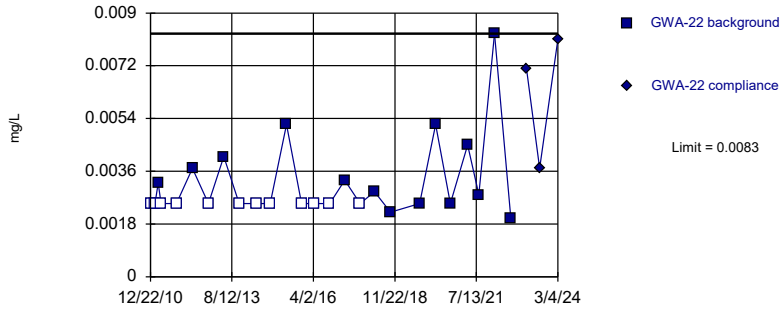


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 26 background values. 50% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Vanadium, Total Analysis Run 3/28/2024 11:48 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

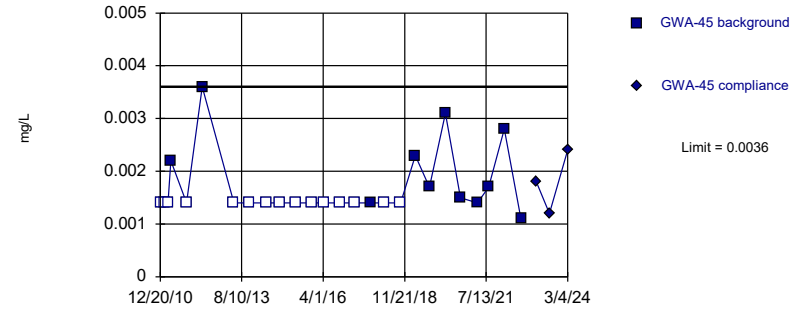


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 26 background values. 46.15% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Vanadium, Total Analysis Run 3/28/2024 11:48 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

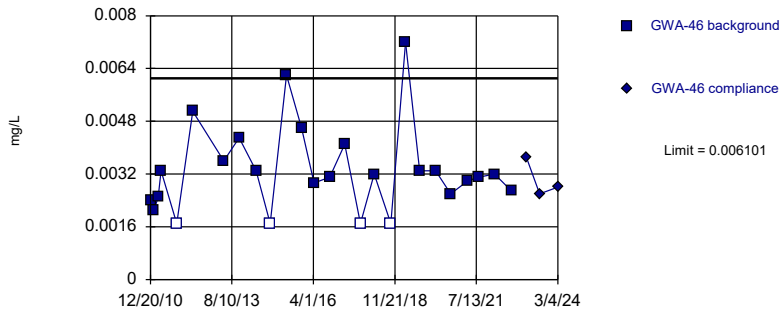


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 57.69% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Vanadium, Total Analysis Run 3/28/2024 11:48 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

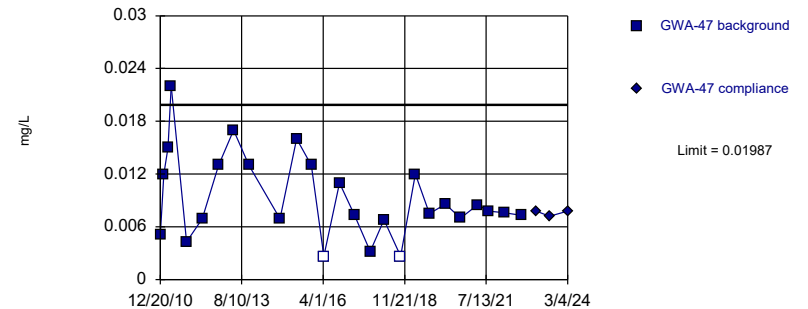


Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=0.05716, Std. Dev.=0.009504, n=26, 15.38% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9284, critical = 0.891. Kappa = 2.204 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Vanadium, Total Analysis Run 3/28/2024 11:48 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric



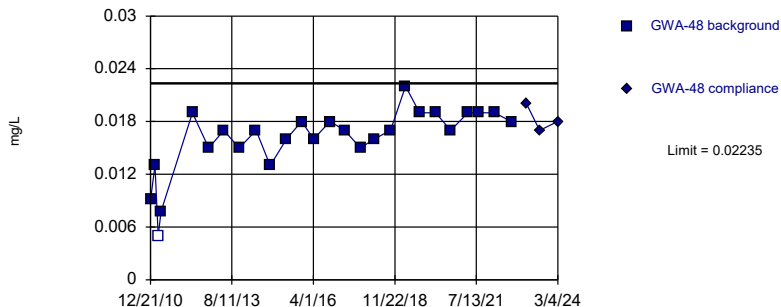
Background Data Summary: Mean=0.009388, Std. Dev.=0.004755, n=26, 7.692% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9356, critical = 0.891. Kappa = 2.204 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Vanadium, Total Analysis Run 3/28/2024 11:48 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit

Intrawell Parametric



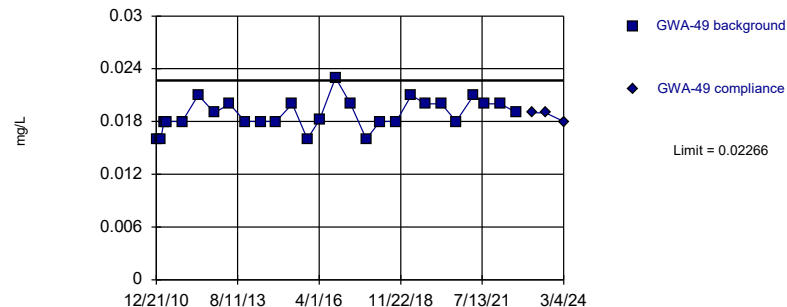
Background Data Summary (based on square transformation): Mean=0.0002699, Std. Dev.=0.0001043, n=26, 3.846% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9293, critical = 0.891. Kappa = 2.204 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Vanadium, Total Analysis Run 3/28/2024 11:48 AM View: Appendix I - Intrawell Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit

Intrawell Parametric



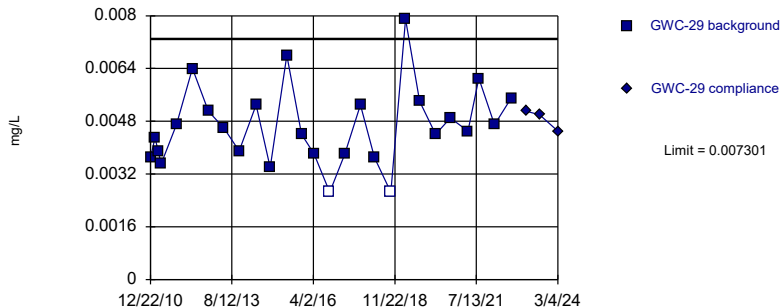
Background Data Summary: Mean=0.01882, Std. Dev.=0.001752, n=27. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9216, critical = 0.894. Kappa = 2.193 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Vanadium, Total Analysis Run 3/28/2024 11:48 AM View: Appendix I - Intrawell Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit

Intrawell Parametric



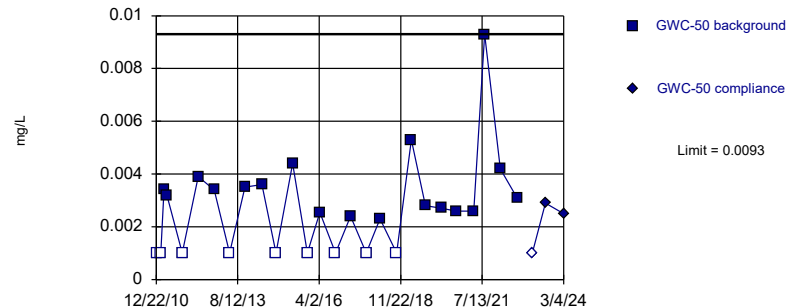
Background Data Summary: Mean=0.004641, Std. Dev.=0.001213, n=27, 7.407% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9573, critical = 0.894. Kappa = 2.193 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Vanadium, Total Analysis Run 3/28/2024 11:48 AM View: Appendix I - Intrawell Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



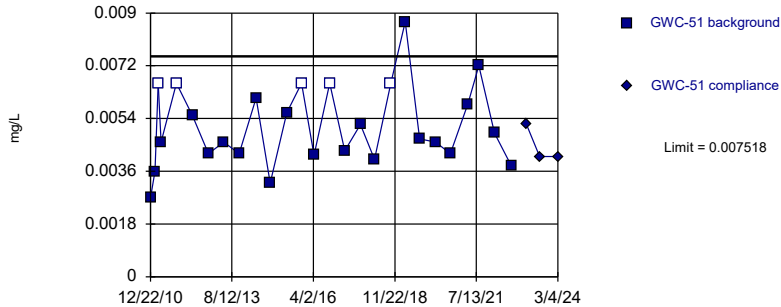
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 27 background values. 33.33% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Vanadium, Total Analysis Run 3/28/2024 11:48 AM View: Appendix I - Intrawell Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit

Intrawell Parametric



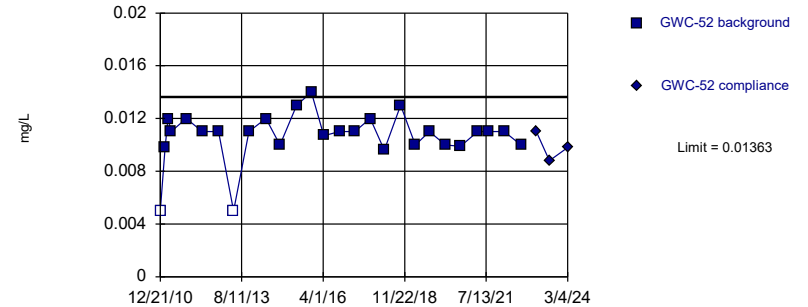
Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.004618, Std. Dev.=0.001323, n=27, 18.52% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9562, critical = 0.894. Kappa = 2.193 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Vanadium, Total Analysis Run 3/28/2024 11:48 AM View: Appendix I - Intrawell Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit

Intrawell Parametric



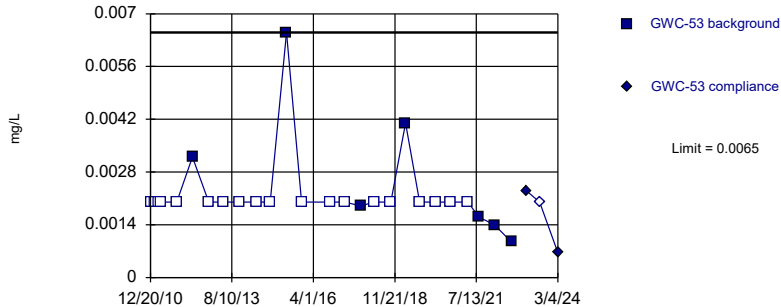
Background Data Summary (based on cube transformation): Mean=0.00000132, Std. Dev.=5.5e-7, n=27, 7.407% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9141, critical = 0.894. Kappa = 2.193 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Vanadium, Total Analysis Run 3/28/2024 11:48 AM View: Appendix I - Intrawell Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



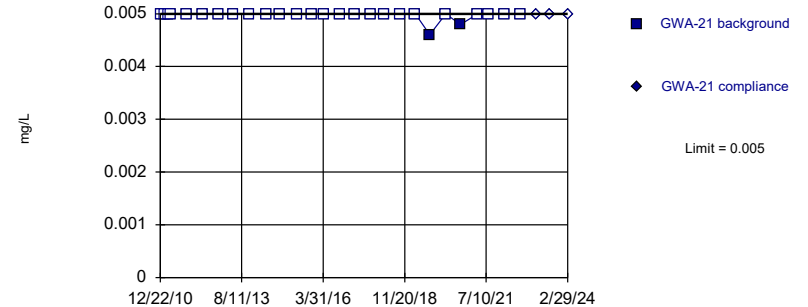
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 73.08% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Vanadium, Total Analysis Run 3/28/2024 11:48 AM View: Appendix I - Intrawell Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit

Intrawell Non-parametric

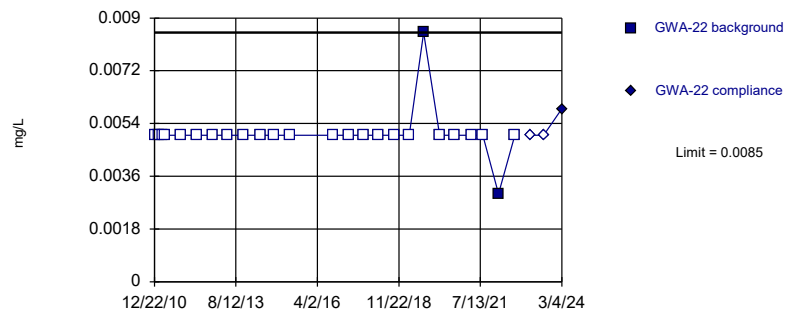


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 92.59% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Zinc, Total Analysis Run 3/28/2024 11:48 AM View: Appendix I - Intrawell Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

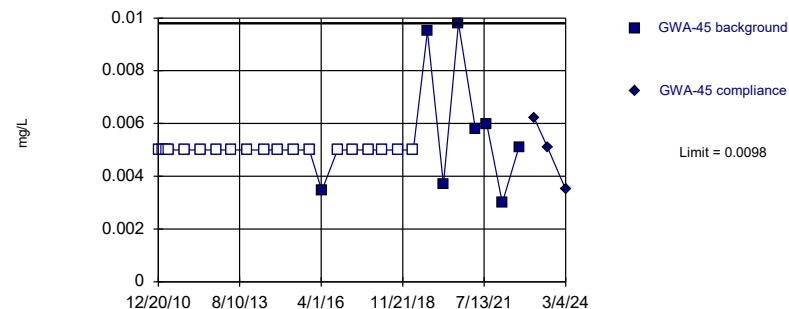


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 92% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

Constituent: Zinc, Total Analysis Run 3/28/2024 11:48 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

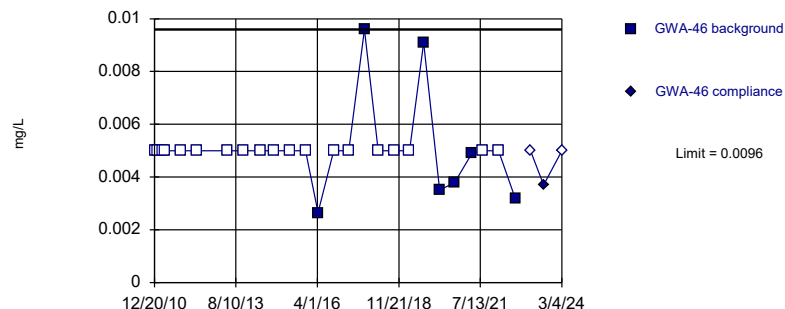


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 70.37% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Zinc, Total Analysis Run 3/28/2024 11:48 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

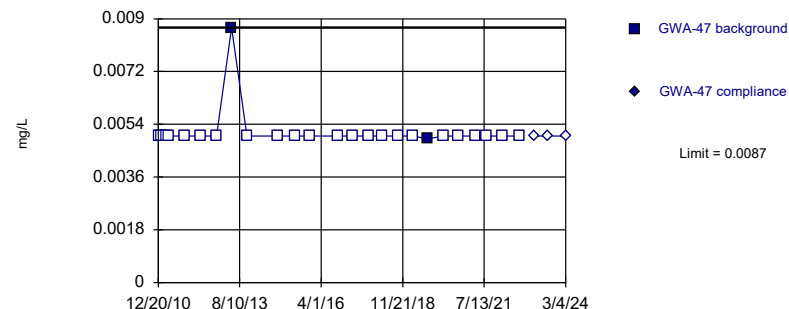


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 73.08% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Zinc, Total Analysis Run 3/28/2024 11:48 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

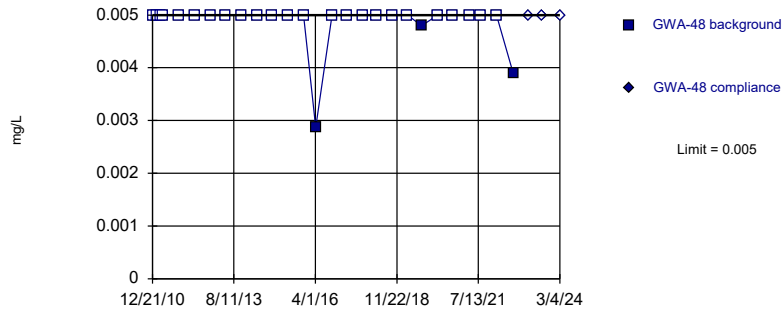


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 92% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

Constituent: Zinc, Total Analysis Run 3/28/2024 11:48 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

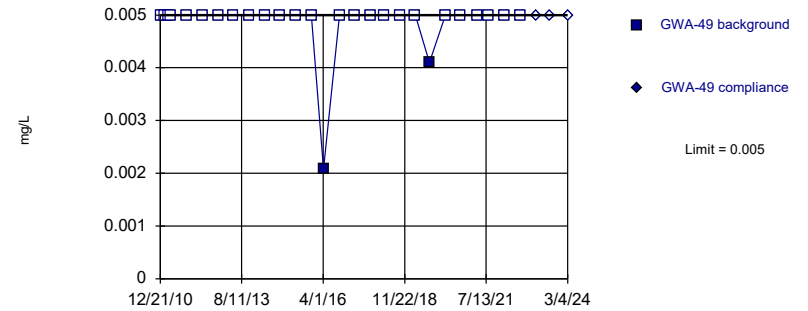


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 88.89% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Zinc, Total Analysis Run 3/28/2024 11:48 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

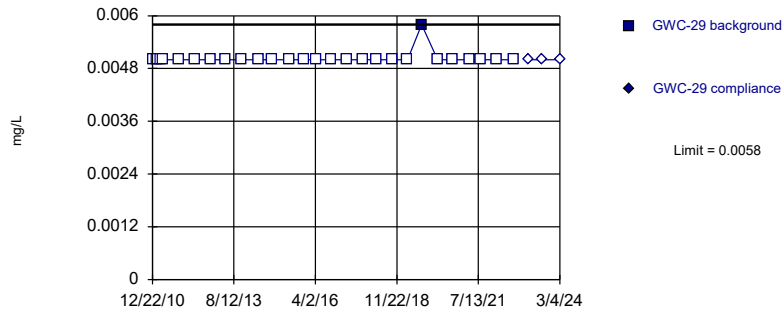


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 92.59% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Zinc, Total Analysis Run 3/28/2024 11:48 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

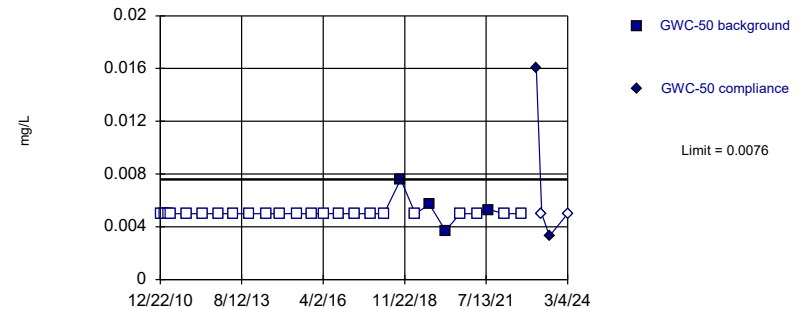


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 96.3% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Zinc, Total Analysis Run 3/28/2024 11:48 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

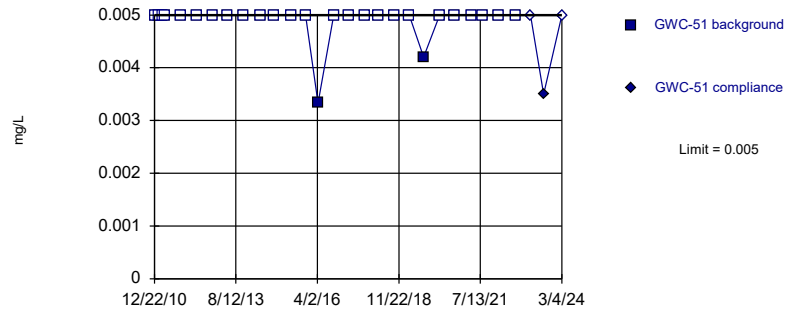


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 85.19% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Zinc, Total Analysis Run 3/28/2024 11:48 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

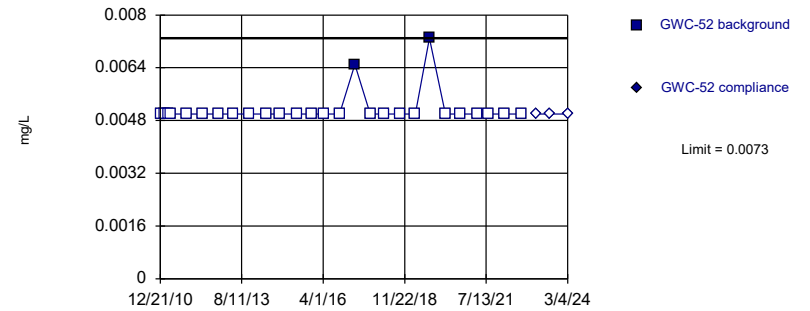


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 92.59% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Zinc, Total Analysis Run 3/28/2024 11:48 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

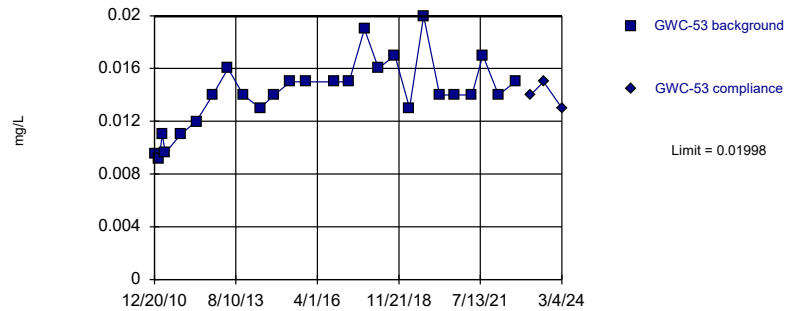


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 92.59% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Zinc, Total Analysis Run 3/28/2024 11:48 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
 Intrawell Parametric



Background Data Summary: Mean=0.01409, Std. Dev.=0.002672, n=26. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9532, critical = 0.891. Kappa = 2.204 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Zinc, Total Analysis Run 3/28/2024 11:48 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Prediction Limit

Constituent: Antimony, T Total (mg/L) Analysis Run 3/28/2024 11:52 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21	GWA-21
12/22/2010	<0.002	
2/14/2011	<0.002	
3/22/2011	<0.002	
4/26/2011	<0.002	
10/27/2011	<0.002	
5/1/2012	<0.002	
11/8/2012	<0.002	
5/7/2013	<0.002	
11/4/2013	<0.002	
5/24/2014	<0.002	
11/8/2014	<0.002	
5/21/2015	<0.002	
11/13/2015	<0.002	
4/6/2016	<0.002	
6/14/2016	<0.002	
8/10/2016	0.001 (J)	
10/11/2016	<0.002	
12/2/2016	<0.002	
2/10/2017	<0.002	
4/10/2017	<0.002	
6/23/2017	<0.002	
10/9/2017	<0.002	
3/26/2018	<0.002	
10/3/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	<0.002	
9/10/2020	<0.002	
4/2/2021	<0.002	
8/12/2021	<0.002	
2/14/2022	<0.002	
8/26/2022	<0.002	
2/28/2023		<0.002
8/2/2023		<0.002
2/29/2024		<0.002

Prediction Limit

Constituent: Antimony, T Total (mg/L) Analysis Run 3/28/2024 11:52 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-46	GWA-46
12/20/2010	<0.002	
2/1/2011	<0.002	
3/21/2011	<0.002	
4/26/2011	<0.002	
10/27/2011	<0.002	
5/2/2012	<0.002	
11/8/2012	<0.002	
5/7/2013	<0.002	
11/4/2013	<0.002	
5/24/2014	<0.002	
11/7/2014	<0.002	
5/20/2015	<0.002	
11/13/2015	<0.002	
4/7/2016	<0.002	
6/14/2016	0.0004 (J)	
8/9/2016	<0.002	
10/10/2016	<0.002	
12/2/2016	<0.002	
2/10/2017	<0.002	
4/7/2017	<0.002	
6/23/2017	<0.002	
10/10/2017	<0.002	
3/23/2018	<0.002	
10/4/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	<0.002	
9/11/2020	<0.002	
4/5/2021	<0.002	
8/12/2021	<0.002	
2/14/2022	<0.002	
8/31/2022	<0.002	
2/28/2023		<0.002
8/3/2023		<0.002
3/4/2024		<0.002

Prediction Limit

Constituent: Antimony, T Total (mg/L) Analysis Run 3/28/2024 11:52 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47	GWA-47
12/20/2010	<0.002	
2/1/2011	<0.002	
3/23/2011	<0.002	
4/27/2011	<0.002	
10/26/2011	<0.002	
5/1/2012	<0.002	
11/8/2012	<0.002	
5/7/2013	<0.002	
11/5/2013	<0.002	
5/23/2014	<0.002	
11/7/2014	<0.002	
5/21/2015	<0.002	
11/12/2015	<0.002	
4/8/2016	<0.002 (D)	
6/14/2016	<0.002	
8/9/2016	<0.002	
10/11/2016	<0.002	
12/5/2016	<0.002	
2/10/2017	<0.002	
4/7/2017	<0.002	
6/22/2017	<0.002	
10/10/2017	<0.002	
3/22/2018	<0.002	
10/5/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	<0.002	
3/20/2020	<0.002	
9/11/2020	<0.002	
4/5/2021	<0.002	
8/13/2021	<0.002	
2/14/2022	<0.002	
8/31/2022	0.00059 (J)	
2/28/2023		<0.002
8/3/2023		<0.002
3/4/2024		<0.002

Prediction Limit

Constituent: Antimony, T Total (mg/L) Analysis Run 3/28/2024 11:52 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48	GWA-48
12/21/2010	<0.002	
2/14/2011	<0.002	
3/23/2011	<0.002	
4/27/2011	<0.002	
10/25/2011	<0.002	
5/1/2012	<0.002	
11/8/2012	<0.002	
5/7/2013	<0.002	
11/5/2013	<0.002	
5/23/2014	<0.002	
11/7/2014	<0.002	
5/21/2015	<0.002	
11/12/2015	<0.002	
4/7/2016	<0.002	
6/17/2016	<0.002	
8/10/2016	<0.002	
10/14/2016	<0.002	
12/19/2016	<0.002	
2/13/2017	<0.002	
4/7/2017	<0.002	
6/22/2017	<0.002	
10/10/2017	<0.002	
3/23/2018	<0.002	
10/3/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	<0.002	
9/11/2020	<0.002	
4/5/2021	<0.002	
8/12/2021	<0.002	
2/14/2022	<0.002	
8/31/2022	0.00089 (J)	
2/28/2023		<0.002
8/3/2023		<0.002
3/4/2024		<0.002

Prediction Limit

Constituent: Antimony, T Total (mg/L) Analysis Run 3/28/2024 11:52 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-51	GWC-51
12/22/2010	<0.002	
2/15/2011	<0.002	
3/22/2011	<0.002	
4/27/2011	<0.002	
10/26/2011	<0.002	
5/2/2012	<0.002	
11/8/2012	<0.002	
5/8/2013	<0.002	
11/4/2013	<0.002	
5/24/2014	<0.002	
11/7/2014	<0.002	
5/22/2015	<0.002	
11/13/2015	<0.002	
4/11/2016	<0.002	
6/16/2016	<0.002	
8/10/2016	<0.002	
10/13/2016	<0.002	
12/5/2016	<0.002	
2/13/2017	<0.002	
4/10/2017	<0.002	
6/23/2017	<0.002	
10/11/2017	<0.002	
3/26/2018	<0.002	
10/4/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	<0.002	
9/11/2020	<0.002	
4/5/2021	<0.002	
8/13/2021	<0.002	
2/15/2022	<0.002	
8/31/2022	0.00087 (J)	
2/28/2023		<0.002
8/3/2023		<0.002
3/4/2024		<0.002

Prediction Limit

Constituent: Arsenic, Total (mg/L) Analysis Run 3/28/2024 11:52 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-45	GWA-45
12/20/2010	<0.001	
2/14/2011	<0.001	
3/21/2011	<0.001	
4/26/2011	<0.001	
10/26/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/20/2015	<0.001	
11/13/2015	<0.001	
4/7/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
10/10/2016	<0.001	
12/2/2016	<0.001	
2/9/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	0.0015	
3/22/2018	<0.001 (D)	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/11/2020	<0.001	
4/2/2021	<0.001	
8/12/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
2/28/2023		0.00035 (J)
8/3/2023		<0.001
3/4/2024		<0.001

Prediction Limit

Constituent: Arsenic, Total (mg/L) Analysis Run 3/28/2024 11:52 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48	GWA-48
12/21/2010	<0.001	
2/14/2011	<0.001	
3/23/2011	<0.001	
4/27/2011	<0.001	
10/25/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	<0.001	
11/5/2013	<0.001	
5/23/2014	<0.001	
11/7/2014	<0.001	
5/21/2015	<0.001	
11/12/2015	<0.001	
4/7/2016	<0.001	
6/17/2016	<0.001	
8/10/2016	<0.001	
10/14/2016	<0.001	
12/19/2016	<0.001	
2/13/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/23/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/11/2020	<0.001	
4/5/2021	0.00031 (J)	
8/12/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
2/28/2023		<0.001
8/3/2023		<0.001
3/4/2024		<0.001

Prediction Limit

Constituent: Arsenic, Total (mg/L) Analysis Run 3/28/2024 11:52 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49	GWA-49
12/21/2010	<0.001	
2/14/2011	<0.001	
3/21/2011	<0.001	
4/26/2011	<0.001	
10/26/2011	<0.001	
5/2/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	<0.001	
11/5/2013	<0.001	
5/23/2014	<0.001	
11/7/2014	<0.001	
5/21/2015	<0.001	
11/12/2015	<0.001	
4/7/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	0.00053	
10/11/2016	<0.001	
12/2/2016	<0.001	
2/9/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/22/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/6/2021	<0.001	
8/12/2021	<0.001	
2/14/2022	<0.001	
8/30/2022	<0.001	
3/1/2023		<0.001
8/3/2023		<0.001
3/4/2024		<0.001

Prediction Limit

Constituent: Arsenic, Total (mg/L) Analysis Run 3/28/2024 11:52 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-29
12/22/2010	<0.001	
2/15/2011	<0.001	
3/22/2011	<0.001	
4/27/2011	<0.001	
10/26/2011	<0.001	
5/2/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/22/2015	<0.001	
11/13/2015	<0.001	
4/11/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
10/11/2016	<0.001	
12/5/2016	<0.001	
2/13/2017	<0.001	
4/10/2017	<0.001	
6/23/2017	<0.001	
10/10/2017	0.0013	
3/26/2018	<0.001	
10/4/2018	<0.001	
3/28/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/6/2021	<0.001	
8/13/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
3/1/2023		<0.001
8/3/2023		<0.001
3/4/2024		<0.001

Prediction Limit

Constituent: Arsenic, Total (mg/L) Analysis Run 3/28/2024 11:52 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-50	GWC-50
12/22/2010	<0.001	
2/15/2011	<0.001	
3/22/2011	<0.001	
4/27/2011	<0.001	
10/26/2011	<0.001	
5/2/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	<0.001	
11/13/2015	<0.001	
4/11/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
10/11/2016	<0.001	
12/2/2016	<0.001	
2/13/2017	<0.001	
4/7/2017	0.00052	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/23/2018	<0.001	
10/4/2018	<0.001	
3/28/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/6/2021	<0.001	
8/13/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
3/1/2023		<0.001
8/3/2023		<0.001
3/4/2024		<0.001

Prediction Limit

Constituent: Arsenic, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-52	GWC-52
12/21/2010	<0.001	
2/15/2011	<0.001	
3/21/2011	<0.001	
4/28/2011	<0.001	
10/26/2011	<0.001	
5/1/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/22/2015	<0.001	
11/13/2015	<0.001	
4/11/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/13/2016	<0.001	
12/5/2016	<0.001	
2/13/2017	<0.001	
4/11/2017	<0.001	
6/24/2017	<0.001	
10/11/2017	<0.001	
3/26/2018	<0.001	
10/4/2018	<0.001	
3/28/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/11/2020	<0.001	
4/5/2021	<0.001	
8/17/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
3/1/2023		0.00031 (J)
8/3/2023		<0.001
3/4/2024		<0.001

Prediction Limit

Constituent: Arsenic, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-53	GWC-53
12/20/2010	<0.001	
2/14/2011	<0.001	
3/21/2011	<0.001	
4/27/2011	<0.001	
10/26/2011	<0.001	
5/1/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/20/2015	<0.001	
11/13/2015	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/13/2016	<0.001	
12/6/2016	<0.001	
2/13/2017	0.0011	
4/11/2017	<0.001	
6/24/2017	<0.001	
10/11/2017	<0.001	
3/26/2018	<0.001	
10/4/2018	<0.001	
3/28/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/11/2020	<0.001	
4/6/2021	<0.001	
8/13/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
2/28/2023		<0.001
8/3/2023		<0.001
3/4/2024		<0.001

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21	GWA-21
12/22/2010	0.026 (J)	
2/14/2011	0.022 (J)	
3/22/2011	0.02 (J)	
4/26/2011	0.019 (J)	
10/27/2011	0.021	
5/1/2012	0.017	
11/8/2012	0.023	
5/7/2013	0.021	
11/4/2013	0.018	
5/24/2014	0.022	
11/8/2014	0.02	
5/21/2015	0.022	
11/13/2015	0.025	
4/6/2016	0.0239	
6/14/2016	0.021	
8/10/2016	0.019	
10/11/2016	0.02	
12/2/2016	0.022	
2/10/2017	0.03	
4/10/2017	0.025	
6/23/2017	0.026	
10/9/2017	0.025	
3/26/2018	0.026	
10/3/2018	0.00049 (O)	
3/27/2019	0.024	
9/12/2019	0.025	
3/19/2020	0.027	
9/10/2020	0.023	
4/2/2021	0.02	
8/12/2021	0.023	
2/14/2022	0.024	
8/26/2022	0.026	
2/28/2023		0.022
8/2/2023		0.018
2/29/2024		0.021

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-22	GWA-22
12/22/2010	0.028 (J)	
2/14/2011	0.025 (J)	
3/22/2011	0.029 (J)	
4/26/2011	0.031 (J)	
10/27/2011	0.027	
5/1/2012	0.022	
11/8/2012	0.024	
5/7/2013	0.027	
11/4/2013	0.024	
5/24/2014	0.025	
11/8/2014	0.023	
5/21/2015	0.023	
11/13/2015	0.023	
4/8/2016	0.0244	
6/14/2016	0.023	
8/9/2016	0.026	
10/11/2016	0.022	
12/5/2016	0.025	
2/10/2017	0.026	
4/7/2017	0.021	
6/26/2017	0.028	
10/9/2017	0.021	
3/26/2018	0.022 (D)	
10/3/2018	0.022	
3/27/2019	0.022	
9/12/2019	0.023	
3/19/2020	0.024	
9/10/2020	0.022	
4/2/2021	0.023	
8/12/2021	0.024	
2/15/2022	0.032	
8/26/2022	0.021	
2/28/2023		0.02
8/3/2023		0.018
3/4/2024		0.022

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-45	GWA-45
12/20/2010	0.024 (J)	
2/14/2011	0.023 (J)	
3/21/2011	0.021 (J)	
4/26/2011	0.019 (J)	
10/26/2011	0.023	
5/1/2012	0.014	
11/8/2012	0.034	
5/8/2013	0.016	
11/4/2013	0.014	
5/24/2014	0.027	
11/7/2014	0.03	
5/20/2015	0.029	
11/13/2015	0.041	
4/7/2016	0.0381	
6/14/2016	0.034	
8/9/2016	0.032	
10/10/2016	0.037	
12/2/2016	0.038	
2/9/2017	0.048	
4/7/2017	0.045	
6/22/2017	0.049	
10/10/2017	0.044	
3/22/2018	0.0495 (D)	
10/3/2018	0.042	
3/27/2019	0.057	
9/12/2019	0.1 (L)	
12/2/2019	0.11 (RL)	
3/19/2020	0.11 (L)	
9/11/2020	0.15 (L)	
4/2/2021	0.11 (L)	
8/12/2021	0.091	
2/14/2022	0.077	
8/31/2022	0.065	
2/28/2023		0.056
8/3/2023		0.055
3/4/2024		0.057

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-46	GWA-46
12/20/2010	0.019 (J)	
2/1/2011	0.017 (J)	
3/21/2011	0.019 (J)	
4/26/2011	0.02 (J)	
10/27/2011	0.018	
5/2/2012	0.017	
11/8/2012	0.048 (O)	
5/7/2013	0.02	
11/4/2013	0.019	
5/24/2014	0.019	
11/7/2014	0.019	
5/20/2015	0.018	
11/13/2015	0.02	
4/7/2016	0.0207	
6/14/2016	0.019	
8/9/2016	0.017	
10/10/2016	0.02	
12/2/2016	0.02	
2/10/2017	0.018	
4/7/2017	0.02	
6/23/2017	0.021	
10/10/2017	0.018	
3/23/2018	0.02	
10/4/2018	0.019	
3/27/2019	0.021	
9/12/2019	0.022	
3/19/2020	0.023	
9/11/2020	0.022	
4/5/2021	0.022	
8/12/2021	0.023	
2/14/2022	0.024	
8/31/2022	0.022	
2/28/2023		0.022
8/3/2023		0.021
3/4/2024		0.022

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47	GWA-47
12/20/2010	0.029 (J)	
2/1/2011	0.038 (J)	
3/23/2011	0.045 (J)	
4/27/2011	0.043 (J)	
10/26/2011	0.023	
5/1/2012	0.021	
11/8/2012	0.038	
5/7/2013	0.042	
11/5/2013	0.039	
5/23/2014	0.088 (O)	
11/7/2014	0.027	
5/21/2015	0.036	
11/12/2015	0.038	
4/8/2016	0.0261	
6/14/2016	0.023	
8/9/2016	0.026	
10/11/2016	0.03	
12/5/2016	0.026	
2/10/2017	0.023	
4/7/2017	0.024	
6/22/2017	0.025	
10/10/2017	0.022	
3/22/2018	0.024	
10/5/2018	0.026	
3/27/2019	0.026	
9/12/2019	0.028	
3/20/2020	0.029	
9/11/2020	0.026	
4/5/2021	0.028	
8/13/2021	0.026	
2/14/2022	0.029	
8/31/2022	0.031	
2/28/2023		0.027
8/3/2023		0.027
3/4/2024		0.032

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48	GWA-48
12/21/2010	0.055 (O)	
2/14/2011	0.05 (O)	
3/23/2011	0.031 (J)	
4/27/2011	0.015 (J)	
10/25/2011	0.02	
5/1/2012	0.017	
11/8/2012	0.012	
5/7/2013	0.022	
11/5/2013	0.012	
5/23/2014	0.02	
11/7/2014	0.012	
5/21/2015	0.011	
11/12/2015	0.012	
4/7/2016	0.0116	
6/17/2016	0.012	
8/10/2016	0.012	
10/14/2016	0.016	
12/19/2016	0.012	
2/13/2017	0.017	
4/7/2017	0.011	
6/22/2017	0.014	
10/10/2017	0.012	
3/23/2018	0.012	
10/3/2018	0.012	
3/27/2019	0.013	
9/12/2019	0.016	
3/19/2020	0.02	
9/11/2020	0.013	
4/5/2021	0.015	
8/12/2021	0.013	
2/14/2022	0.014	
8/31/2022	0.016	
2/28/2023		0.014
8/3/2023		0.013
3/4/2024		0.015

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49	GWA-49
12/21/2010	0.021 (J)	
2/14/2011	0.021 (J)	
3/21/2011	0.021 (J)	
4/26/2011	0.021 (J)	
10/26/2011	0.019	
5/2/2012	0.018	
11/8/2012	0.018	
5/8/2013	0.017	
11/5/2013	0.019	
5/23/2014	0.021	
11/7/2014	0.019	
5/21/2015	0.02	
11/12/2015	0.019	
4/7/2016	0.0201	
6/14/2016	0.017	
8/9/2016	0.017	
10/11/2016	0.02	
12/2/2016	0.02	
2/9/2017	0.018	
4/7/2017	0.018	
6/22/2017	0.02	
10/10/2017	0.02	
3/22/2018	0.018	
10/3/2018	0.018	
3/27/2019	0.019	
9/12/2019	0.022	
3/19/2020	0.02	
9/10/2020	0.02	
4/6/2021	0.02	
8/12/2021	0.024	
2/14/2022	0.022	
8/30/2022	0.021	
3/1/2023		0.019
8/3/2023		0.02
3/4/2024		0.019

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-29
12/22/2010	0.016 (J)	
2/15/2011	0.016 (J)	
3/22/2011	0.014 (J)	
4/27/2011	0.016 (J)	
10/26/2011	0.015	
5/2/2012	0.012	
11/8/2012	0.015	
5/8/2013	0.014	
11/4/2013	0.016	
5/24/2014	0.015	
11/7/2014	0.016	
5/22/2015	0.015	
11/13/2015	0.016	
4/11/2016	0.0167	
6/15/2016	0.015	
8/10/2016	0.015	
10/11/2016	0.017	
12/5/2016	0.017	
2/13/2017	0.016	
4/10/2017	0.015	
6/23/2017	0.017	
10/10/2017	0.016	
3/26/2018	0.015	
10/4/2018	0.018	
3/28/2019	0.017	
9/12/2019	0.019	
3/19/2020	0.019	
9/10/2020	0.02	
4/6/2021	0.018	
8/13/2021	0.021	
2/14/2022	0.02	
8/31/2022	0.025	
3/1/2023		0.02
8/3/2023		0.019
3/4/2024		0.025

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-50	GWC-50
12/22/2010	0.011 (J)	
2/15/2011	0.013 (J)	
3/22/2011	0.01 (J)	
4/27/2011	0.011 (J)	
10/26/2011	0.013	
5/2/2012	0.0084 (J)	
11/8/2012	0.012	
5/8/2013	0.013	
11/4/2013	0.012	
5/24/2014	0.012	
11/8/2014	0.01	
5/22/2015	0.011	
11/13/2015	0.011	
4/11/2016	0.0132	
6/15/2016	0.011	
8/10/2016	0.012	
10/11/2016	0.012	
12/2/2016	0.012	
2/13/2017	0.013	
4/7/2017	0.01	
6/22/2017	0.012	
10/10/2017	0.011	
3/23/2018	0.011	
10/4/2018	0.012	
3/28/2019	0.012	
9/12/2019	0.013	
3/19/2020	0.013	
9/10/2020	0.013	
4/6/2021	0.013	
8/13/2021	0.029	
2/14/2022	0.018	
8/31/2022	0.015	
3/1/2023		0.038
8/3/2023		0.013
3/4/2024		0.014

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-51	GWC-51
12/22/2010	0.011 (J)	
2/15/2011	0.013 (J)	
3/22/2011	0.01 (J)	
4/27/2011	0.011 (J)	
10/26/2011	0.0099 (J)	
5/2/2012	0.0085 (J)	
11/8/2012	<0.01	
5/8/2013	0.0094 (J)	
11/4/2013	0.0094 (J)	
5/24/2014	0.0094 (J)	
11/7/2014	0.0094 (J)	
5/22/2015	0.0092 (J)	
11/13/2015	0.0095 (J)	
4/11/2016	0.0105	
6/16/2016	0.0089 (J)	
8/10/2016	0.0082	
10/13/2016	0.0088	
12/5/2016	0.01	
2/13/2017	0.0097	
4/10/2017	0.0082	
6/23/2017	0.01	
10/11/2017	0.0092	
3/26/2018	0.0094	
10/4/2018	0.0093	
3/27/2019	0.011	
9/12/2019	0.011	
3/19/2020	0.011	
9/11/2020	0.01	
4/5/2021	0.01	
8/13/2021	0.019	
2/15/2022	0.011	
8/31/2022	0.011	
2/28/2023		0.01
8/3/2023		0.011
3/4/2024		0.011

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-52	GWC-52
12/21/2010	0.01 (J)	
2/15/2011	0.0086 (J)	
3/21/2011	0.009 (J)	
4/28/2011	0.012 (J)	
10/26/2011	0.0093 (J)	
5/1/2012	0.0048 (J)	
11/9/2012	0.0091 (J)	
5/8/2013	0.0096 (J)	
11/4/2013	0.012	
5/24/2014	0.011	
11/7/2014	0.011	
5/22/2015	0.011	
11/13/2015	0.011	
4/11/2016	0.012	
6/16/2016	0.011	
8/11/2016	0.012	
10/13/2016	0.012	
12/5/2016	0.013	
2/13/2017	0.012	
4/11/2017	0.012	
6/24/2017	0.013	
10/11/2017	0.012	
3/26/2018	0.013	
10/4/2018	0.013	
3/28/2019	0.014	
9/12/2019	0.017	
3/19/2020	0.018	
9/11/2020	0.017	
4/5/2021	0.019	
8/17/2021	0.02	
2/14/2022	0.021	
8/31/2022	0.022	
3/1/2023		0.023
8/3/2023		0.021
3/4/2024		0.025

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-53	GWC-53
12/20/2010	0.11	
2/14/2011	<0.1	
3/21/2011	<0.1	
4/27/2011	0.091 (J)	
10/26/2011	0.1	
5/1/2012	0.095	
11/9/2012	0.093	
5/8/2013	0.077	
11/4/2013	0.083	
5/24/2014	0.07	
11/7/2014	0.065	
5/20/2015	0.058	
11/13/2015	0.058	
4/8/2016	0.0619	
6/16/2016	0.052	
8/11/2016	0.044	
10/13/2016	0.049	
12/6/2016	0.047	
2/13/2017	0.05	
4/11/2017	0.053	
6/24/2017	0.054	
10/11/2017	0.05	
3/26/2018	0.05	
10/4/2018	0.042	
3/28/2019	0.045	
9/12/2019	0.043	
3/19/2020	0.047	
9/11/2020	0.044	
4/6/2021	0.041	
8/13/2021	0.038	
2/14/2022	0.042	
8/31/2022	0.036	
2/28/2023		0.039
8/3/2023		0.033
3/4/2024		0.036

Prediction Limit

Constituent: Beryllium, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-22	GWA-22
12/22/2010	<0.0025	
2/14/2011	<0.0025	
3/22/2011	<0.0025	
4/26/2011	<0.0025	
10/27/2011	<0.0025	
5/1/2012	<0.0025	
11/8/2012	<0.0025	
5/7/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/8/2014	<0.0025	
5/21/2015	<0.0025	
11/13/2015	<0.0025	
4/8/2016	<0.0025	
6/14/2016	<0.0025	
8/9/2016	<0.0025	
10/11/2016	<0.0025	
12/5/2016	<0.0025	
2/10/2017	<0.0025	
4/7/2017	<0.0025	
6/26/2017	<0.0025	
10/9/2017	<0.0025	
3/26/2018	<0.0025 (D)	
10/3/2018	<0.0025	
3/27/2019	<0.0025	
9/12/2019	<0.0025	
3/19/2020	<0.0025	
9/10/2020	<0.0025	
4/2/2021	0.00019 (J)	
8/12/2021	<0.0025	
2/15/2022	<0.0025	
8/26/2022	<0.0025	
2/28/2023		<0.0025
8/3/2023		<0.0025
3/4/2024		<0.0025

Prediction Limit

Constituent: Beryllium, T Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-51	GWC-51
12/22/2010	<0.0025	
2/15/2011	<0.0025	
3/22/2011	<0.0025	
4/27/2011	<0.0025	
10/26/2011	<0.0025	
5/2/2012	<0.0025	
11/8/2012	<0.0025	
5/8/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/7/2014	<0.0025	
5/22/2015	<0.0025	
11/13/2015	<0.0025	
4/11/2016	<0.0025	
6/16/2016	2E-05 (J)	
8/10/2016	<0.0025	
10/13/2016	<0.0025	
12/5/2016	<0.0025	
2/13/2017	<0.0025	
4/10/2017	<0.0025	
6/23/2017	<0.0025	
10/11/2017	<0.0025	
3/26/2018	<0.0025	
10/4/2018	<0.0025	
3/27/2019	<0.0025	
9/12/2019	<0.0025	
3/19/2020	<0.0025	
9/11/2020	<0.0025	
4/5/2021	<0.0025	
8/13/2021	<0.0025	
2/15/2022	<0.0025	
8/31/2022	<0.0025	
2/28/2023		<0.0025
8/3/2023		<0.0025
3/4/2024		<0.0025

Prediction Limit

Constituent: Cadmium, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47	GWA-47
12/20/2010	<0.0025	
2/1/2011	<0.0025	
3/23/2011	<0.0025	
4/27/2011	<0.0025	
10/26/2011	<0.0025	
5/1/2012	<0.0025	
11/8/2012	<0.0025	
5/7/2013	<0.0025	
11/5/2013	<0.0025	
5/23/2014	<0.0025	
11/7/2014	<0.0025	
5/21/2015	<0.0025	
11/12/2015	<0.0025	
4/8/2016	<0.0025	
6/14/2016	<0.0025	
8/9/2016	<0.0025	
10/11/2016	<0.0025	
12/5/2016	<0.0025	
2/10/2017	<0.0025	
4/7/2017	0.0016	
6/22/2017	<0.0025	
10/10/2017	<0.0025	
3/22/2018	<0.0025	
10/5/2018	<0.0025	
3/27/2019	<0.0025	
9/12/2019	<0.0025	
3/20/2020	<0.0025	
9/11/2020	<0.0025	
4/5/2021	<0.0025	
8/13/2021	<0.0025	
2/14/2022	<0.0025	
8/31/2022	<0.0025	
2/28/2023		<0.0025
8/3/2023		<0.0025
3/4/2024		<0.0025

Prediction Limit

Constituent: Cadmium, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-50	GWC-50
12/22/2010	<0.0025	
2/15/2011	<0.0025	
3/22/2011	<0.0025	
4/27/2011	<0.0025	
10/26/2011	<0.0025	
5/2/2012	<0.0025	
11/8/2012	<0.0025	
5/8/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/8/2014	<0.0025	
5/22/2015	<0.0025	
11/13/2015	<0.0025	
4/11/2016	<0.0025	
6/15/2016	7.4E-05 (J)	
8/10/2016	<0.0025	
10/11/2016	<0.0025	
12/2/2016	<0.0025	
2/13/2017	<0.0025	
4/7/2017	<0.0025	
6/22/2017	<0.0025	
10/10/2017	<0.0025	
3/23/2018	<0.0025	
10/4/2018	<0.0025	
3/28/2019	<0.0025	
9/12/2019	<0.0025	
3/19/2020	<0.0025	
9/10/2020	<0.0025	
4/6/2021	<0.0025	
8/13/2021	<0.0025	
2/14/2022	<0.0025	
8/31/2022	<0.0025	
3/1/2023		<0.0025
8/3/2023		<0.0025
3/4/2024		<0.0025

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21	GWA-21
12/22/2010	0.0052	
2/14/2011	0.0057	
3/22/2011	0.0055	
4/26/2011	0.0069	
10/27/2011	0.011	
5/1/2012	0.0056	
11/8/2012	<0.01	
5/7/2013	0.0036 (J)	
11/4/2013	0.0032 (J)	
5/24/2014	0.0043 (J)	
11/8/2014	<0.01	
5/21/2015	0.002 (J)	
11/13/2015	<0.01	
4/6/2016	0.00278 (J)	
6/14/2016	<0.01	
8/10/2016	0.0019 (J)	
10/11/2016	0.0024 (J)	
12/2/2016	0.0023 (J)	
2/10/2017	0.0021 (J)	
4/10/2017	0.002 (J)	
6/23/2017	0.0018 (J)	
10/9/2017	0.0016 (J)	
3/26/2018	0.0011 (J)	
10/3/2018	0.0014 (J)	
3/27/2019	0.003	
9/12/2019	0.0047	
3/19/2020	0.0026	
9/10/2020	0.0019 (J)	
4/2/2021	0.0029	
8/12/2021	0.0016 (J)	
2/14/2022	0.0026	
8/26/2022	0.0016 (J)	
2/28/2023		0.0024
8/2/2023		0.0028
2/29/2024		0.0021

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-22	GWA-22
12/22/2010	0.0029 (J)	
2/14/2011	0.0027 (J)	
3/22/2011	0.0049 (J)	
4/26/2011	0.0048 (J)	
10/27/2011	0.0023 (J)	
5/1/2012	0.0051	
11/8/2012	0.0034 (J)	
5/7/2013	0.0078	
11/4/2013	0.0055 (J)	
5/24/2014	0.0075 (J)	
11/8/2014	0.0048 (J)	
5/21/2015	0.0082 (J)	
11/13/2015	0.0079 (J)	
4/8/2016	<0.01	
6/14/2016	<0.01	
8/9/2016	0.0079	
10/11/2016	0.0069	
12/5/2016	0.0077	
2/10/2017	0.0098	
4/7/2017	0.0081	
6/26/2017	0.0084	
10/9/2017	0.0082	
3/26/2018	0.0088	
10/3/2018	0.0086	
3/27/2019	0.0078	
9/12/2019	0.0092	
3/19/2020	0.011	
9/10/2020	0.0077	
4/2/2021	0.01	
8/12/2021	0.008	
2/15/2022	0.013	
8/26/2022	0.0078	
2/28/2023		0.01
8/3/2023		0.0089
3/4/2024		0.011

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-45	GWA-45
12/20/2010	<0.002	
2/14/2011	<0.002	
3/21/2011	<0.002	
4/26/2011	<0.002	
10/26/2011	<0.002	
5/1/2012	<0.002	
11/8/2012	<0.002	
5/8/2013	<0.002	
11/4/2013	<0.002	
5/24/2014	<0.002	
11/7/2014	<0.002	
5/20/2015	0.0025 (O)	
11/13/2015	0.0042 (O)	
4/7/2016	<0.002	
6/14/2016	<0.002	
8/9/2016	<0.002	
10/10/2016	<0.002	
12/2/2016	<0.002	
2/9/2017	<0.002	
4/7/2017	<0.002	
6/22/2017	<0.002	
10/10/2017	<0.002	
3/22/2018	<0.002 (D)	
10/3/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	<0.002	
9/11/2020	<0.002	
4/2/2021	<0.002	
8/12/2021	<0.002	
2/14/2022	<0.002	
8/31/2022	<0.002	
2/28/2023		<0.002
8/3/2023		0.0012 (J)
3/4/2024		0.0016 (J)

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-46	GWA-46
12/20/2010	0.0036 (J)	
2/1/2011	0.0037 (J)	
3/21/2011	0.004 (J)	
4/26/2011	0.0037 (J)	
10/27/2011	0.0047 (J)	
5/2/2012	0.005 (J)	
11/8/2012	0.0081	
5/7/2013	0.0035 (J)	
11/4/2013	0.0056 (J)	
5/24/2014	0.005 (J)	
11/7/2014	0.004 (J)	
5/20/2015	0.0062 (J)	
11/13/2015	0.0067 (J)	
4/7/2016	0.00467 (J)	
6/14/2016	<0.01	
8/9/2016	0.0041	
10/10/2016	0.0041	
12/2/2016	0.0039	
2/10/2017	0.0044	
4/7/2017	0.0046	
6/23/2017	0.005	
10/10/2017	0.0088	
3/23/2018	0.0045	
10/4/2018	0.0047	
3/27/2019	0.0048	
9/12/2019	0.0051	
3/19/2020	0.0043	
9/11/2020	0.0042	
4/5/2021	0.0041	
8/12/2021	0.0045	
2/14/2022	0.0047	
8/31/2022	0.0048	
2/28/2023		0.0047
8/3/2023		0.0053
3/4/2024		0.0048

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47	GWA-47
12/20/2010	0.0064	
2/1/2011	0.015	
3/23/2011	0.0084	
4/27/2011	0.011	
10/26/2011	0.0061	
5/1/2012	0.0072	
11/8/2012	0.015	
5/7/2013	0.044	
11/5/2013	0.023	
5/23/2014	0.022	
11/7/2014	0.013	
5/21/2015	0.029	
11/12/2015	0.045	
4/8/2016	<0.01	
6/14/2016	<0.01	
8/9/2016	0.008	
10/11/2016	0.0079	
12/5/2016	0.0057	
2/10/2017	0.0062	
4/7/2017	0.0072	
6/22/2017	0.0074	
10/10/2017	0.0072	
3/22/2018	0.0074	
10/5/2018	0.0083	
3/27/2019	0.0081	
9/12/2019	0.0088	
3/20/2020	0.0085	
9/11/2020	0.0081	
4/5/2021	0.0084	
8/13/2021	0.0082	
2/14/2022	0.0086	
8/31/2022	0.0084	
2/28/2023		0.0084
8/3/2023		0.0092
3/4/2024		0.01

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48	GWA-48
12/21/2010	0.0094	
2/14/2011	0.028	
3/23/2011	0.0042 (J)	
4/27/2011	<0.01	
10/25/2011	0.0062	
5/1/2012	0.011	
11/8/2012	0.0089	
5/7/2013	0.019	
11/5/2013	0.0057 (J)	
5/23/2014	0.0084 (J)	
11/7/2014	0.011	
5/21/2015	0.013	
11/12/2015	0.015	
4/7/2016	0.00498 (J)	
6/17/2016	<0.01	
8/10/2016	0.0047	
10/14/2016	0.0056	
12/19/2016	0.0039	
2/13/2017	0.0059	
4/7/2017	0.0051	
6/22/2017	0.005	
10/10/2017	0.005	
3/23/2018	0.005	
10/3/2018	0.0051	
3/27/2019	0.0051	
9/12/2019	0.0085	
3/19/2020	0.0063	
9/11/2020	0.0053	
4/5/2021	0.0061	
8/12/2021	0.0058	
2/14/2022	0.0058	
8/31/2022	0.0059	
2/28/2023		0.0058
8/3/2023		0.0056
3/4/2024		0.0063

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49	GWA-49
12/21/2010	0.0073	
2/14/2011	0.0051	
3/21/2011	0.0067	
4/26/2011	0.0065	
10/26/2011	0.0068	
5/2/2012	0.011	
11/8/2012	0.0052	
5/8/2013	0.0059	
11/5/2013	0.0044 (J)	
5/23/2014	0.0087 (J)	
11/7/2014	0.0048 (J)	
5/21/2015	0.006 (J)	
11/12/2015	0.007 (J)	
4/7/2016	0.0056 (J)	
6/14/2016	<0.01	
8/9/2016	0.0053	
10/11/2016	0.0058	
12/2/2016	0.0071	
2/9/2017	0.0051	
4/7/2017	0.006	
6/22/2017	0.0056	
10/10/2017	0.0073	
3/22/2018	0.0051	
10/3/2018	0.0052	
3/27/2019	0.0056	
9/12/2019	0.0075	
3/19/2020	0.0055	
9/10/2020	0.0063	
4/6/2021	0.0055	
8/12/2021	0.0096	
2/14/2022	0.0076	
8/30/2022	0.0064	
3/1/2023		0.0057
8/3/2023		0.0065
3/4/2024		0.006

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-29
12/22/2010	0.0026 (J)	
2/15/2011	<0.002	
3/22/2011	<0.002	
4/27/2011	<0.002	
10/26/2011	<0.002	
5/2/2012	<0.002	
11/8/2012	<0.002	
5/8/2013	<0.002	
11/4/2013	0.0027 (J)	
5/24/2014	0.0027 (J)	
11/7/2014	<0.002	
5/22/2015	0.0034 (J)	
11/13/2015	0.0038 (J)	
4/11/2016	<0.002	
6/15/2016	<0.002	
8/10/2016	0.0014 (J)	
10/11/2016	0.0017 (J)	
12/5/2016	0.0014 (J)	
2/13/2017	0.0016 (J)	
4/10/2017	0.0014 (J)	
6/23/2017	0.0014 (J)	
10/10/2017	0.0039	
3/26/2018	0.0013 (J)	
10/4/2018	0.0014 (J)	
3/28/2019	0.0012 (J)	
9/12/2019	0.0021 (J)	
3/19/2020	<0.002	
9/10/2020	<0.002	
4/6/2021	<0.002	
8/13/2021	<0.002	
2/14/2022	<0.002	
8/31/2022	<0.002	
3/1/2023		<0.002
8/3/2023		<0.002
3/4/2024		0.0012 (J)

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-50	GWC-50
12/22/2010	0.0034 (J)	
2/15/2011	0.0034 (J)	
3/22/2011	0.0037 (J)	
4/27/2011	0.0038 (J)	
10/26/2011	0.0039 (J)	
5/2/2012	0.0044 (J)	
11/8/2012	0.0026 (J)	
5/8/2013	0.0038 (J)	
11/4/2013	0.0063 (J)	
5/24/2014	0.0061 (J)	
11/8/2014	<0.002	
5/22/2015	0.0037 (J)	
11/13/2015	0.0055 (J)	
4/11/2016	0.00479 (J)	
6/15/2016	<0.002	
8/10/2016	0.0047	
10/11/2016	0.0048	
12/2/2016	0.0043	
2/13/2017	0.0047	
4/7/2017	0.0044	
6/22/2017	0.0045	
10/10/2017	0.005	
3/23/2018	0.0042	
10/4/2018	0.005	
3/28/2019	0.0043	
9/12/2019	0.006	
3/19/2020	0.0047	
9/10/2020	0.0047	
4/6/2021	0.0044	
8/13/2021	0.0089	
2/14/2022	0.0046	
8/31/2022	0.004	
3/1/2023		<0.002
8/3/2023		0.0042
3/4/2024		0.0042

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-51	GWC-51
12/22/2010	0.0036 (J)	
2/15/2011	0.0038 (J)	
3/22/2011	0.0022 (J)	
4/27/2011	0.0042 (J)	
10/26/2011	0.0042 (J)	
5/2/2012	0.0037 (J)	
11/8/2012	<0.01	
5/8/2013	0.0032 (J)	
11/4/2013	0.0063 (J)	
5/24/2014	0.003 (J)	
11/7/2014	<0.01	
5/22/2015	0.0023 (J)	
11/13/2015	0.0042 (J)	
4/11/2016	0.00309 (J)	
6/16/2016	<0.01	
8/10/2016	0.0023 (J)	
10/13/2016	0.0028	
12/5/2016	0.0032	
2/13/2017	0.0021 (J)	
4/10/2017	0.0022 (J)	
6/23/2017	0.0025	
10/11/2017	0.0027	
3/26/2018	0.0028	
10/4/2018	0.0041	
3/27/2019	0.0044	
9/12/2019	0.0043	
3/19/2020	0.0032	
9/11/2020	0.0041	
4/5/2021	0.0054	
8/13/2021	0.0087	
2/15/2022	0.0054	
8/31/2022	0.0047	
2/28/2023		0.0047
8/3/2023		0.0063
3/4/2024		0.0064

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-52	GWC-52
12/21/2010	0.01	
2/15/2011	0.0087	
3/21/2011	0.0083	
4/28/2011	0.0076	
10/26/2011	0.0078	
5/1/2012	0.0049 (J)	
11/9/2012	0.0066	
5/8/2013	0.0082	
11/4/2013	0.013	
5/24/2014	0.012	
11/7/2014	0.0084 (J)	
5/22/2015	0.0096 (J)	
11/13/2015	0.011	
4/11/2016	0.0101	
6/16/2016	<0.01	
8/11/2016	0.0097	
10/13/2016	0.012	
12/5/2016	0.012	
2/13/2017	0.011	
4/11/2017	0.011	
6/24/2017	0.0095	
10/11/2017	0.0096	
3/26/2018	0.012	
10/4/2018	0.016	
3/28/2019		0.019
9/12/2019		0.027
3/19/2020		0.029
9/11/2020		0.028
4/5/2021		0.031
8/17/2021		0.034
2/14/2022		0.036
8/31/2022		0.038
3/1/2023		0.038
8/3/2023		0.035
3/4/2024		0.033

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-53	GWC-53
12/20/2010	<0.002	
2/14/2011	<0.002	
3/21/2011	<0.002	
4/27/2011	<0.002	
10/26/2011	0.0033 (J)	
5/1/2012	0.0025 (J)	
11/9/2012	<0.002	
5/8/2013	<0.002	
11/4/2013	0.0035 (J)	
5/24/2014	0.0027 (J)	
11/7/2014	<0.002	
5/20/2015	0.0021 (J)	
11/13/2015	0.0041 (J)	
4/8/2016	<0.002	
6/16/2016	<0.002	
8/11/2016	0.0013 (J)	
10/13/2016	0.0018 (J)	
12/6/2016	0.0014 (J)	
2/13/2017	0.0021 (J)	
4/11/2017	0.0012 (J)	
6/24/2017	0.0017 (J)	
10/11/2017	0.0013 (J)	
3/26/2018	0.0014 (J)	
10/4/2018	<0.002	
3/28/2019	<0.002	
9/12/2019	0.002 (J)	
3/19/2020	<0.002	
9/11/2020	0.0023	
4/6/2021	<0.002	
8/13/2021	0.0019 (J)	
2/14/2022	0.0018 (J)	
8/31/2022	0.002	
2/28/2023		0.003
8/3/2023		<0.002
3/4/2024		0.0013 (J)

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21	GWA-21
12/22/2010	<0.0025	
2/14/2011	<0.0025	
3/22/2011	<0.0025	
4/26/2011	<0.0025	
10/27/2011	<0.0025	
5/1/2012	<0.0025	
11/8/2012	<0.0025	
5/7/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/8/2014	<0.0025	
5/21/2015	<0.0025	
11/13/2015	<0.0025	
4/6/2016	<0.0025	
6/14/2016	6.6E-05 (J)	
8/10/2016	<0.0025	
10/11/2016	0.00047 (J)	
12/2/2016	0.0014 (J)	
2/10/2017	0.00052 (J)	
4/10/2017	<0.0025	
6/23/2017	<0.0025	
10/9/2017	0.00053 (J)	
3/26/2018	0.00088 (J)	
10/3/2018	0.0014 (J)	
3/27/2019	<0.0025	
9/12/2019	0.0004 (J)	
3/19/2020	0.00015 (J)	
9/10/2020	0.00019 (J)	
4/2/2021	0.00016 (J)	
8/12/2021	0.00028 (J)	
2/14/2022	<0.0025	
8/26/2022	<0.0025	
2/28/2023		<0.0025
8/2/2023		<0.0025
2/29/2024		<0.0025

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-22	GWA-22
12/22/2010	0.0038 (O)	
2/14/2011	<0.0025	
3/22/2011	<0.0025	
4/26/2011	<0.0025	
10/27/2011	<0.0025	
5/1/2012	<0.0025	
11/8/2012	<0.0025	
5/7/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/8/2014	<0.0025	
5/21/2015	<0.0025	
11/13/2015	<0.0025	
4/8/2016	<0.0025	
6/14/2016	0.00042 (J)	
8/9/2016	0.00068 (J)	
10/11/2016	<0.0025	
12/5/2016	0.0012 (J)	
2/10/2017	0.0013 (J)	
4/7/2017	<0.0025	
6/26/2017	0.00073 (J)	
10/9/2017	<0.0025	
3/26/2018	<0.0025 (D)	
10/3/2018	<0.0025	
3/27/2019	<0.0025	
9/12/2019	<0.0025	
3/19/2020	<0.0025	
9/10/2020	0.00014 (J)	
4/2/2021	0.00026 (J)	
8/12/2021	0.00015 (J)	
2/15/2022	0.00054 (J)	
8/26/2022	<0.0025	
2/28/2023		<0.0025
8/3/2023		<0.0025
3/4/2024		<0.0025

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-45	GWA-45
12/20/2010	0.012	
2/14/2011	0.0093 (J)	
3/21/2011	0.0076 (J)	
4/26/2011	0.0058 (J)	
10/26/2011	0.005 (J)	
5/1/2012	0.0032 (J)	
11/8/2012	0.0034 (J)	
5/8/2013	<0.01	
11/4/2013	<0.01	
5/24/2014	<0.01	
11/7/2014	<0.01	
5/20/2015	<0.01	
11/13/2015	<0.01	
4/7/2016	<0.01	
6/14/2016	0.0031 (J)	
8/9/2016	0.0023 (J)	
10/10/2016	0.0024 (J)	
12/2/2016	0.0021 (J)	
2/9/2017	0.00096 (J)	
4/7/2017	0.0034	
6/22/2017	0.0029	
10/10/2017	0.0025	
3/22/2018	0.0015 (JD)	
10/3/2018	0.0018 (J)	
3/27/2019	0.00083 (J)	
9/12/2019	0.0018 (J)	
3/19/2020	0.0005 (J)	
9/11/2020	0.0035	
4/2/2021	0.002 (J)	
8/12/2021	0.0024 (J)	
2/14/2022	0.00059 (J)	
8/31/2022	0.0012 (J)	
2/28/2023		0.00097 (J)
8/3/2023		0.0011 (J)
3/4/2024		0.0004 (J)

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-46	GWA-46
12/20/2010	<0.0025	
2/1/2011	<0.0025	
3/21/2011	<0.0025	
4/26/2011	<0.0025	
10/27/2011	<0.0025	
5/2/2012	<0.0025	
11/8/2012	<0.0025	
5/7/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/7/2014	<0.0025	
5/20/2015	<0.0025	
11/13/2015	<0.0025	
4/7/2016	<0.0025	
6/14/2016	3.8E-05 (J)	
8/9/2016	<0.0025	
10/10/2016	<0.0025	
12/2/2016	<0.0025	
2/10/2017	<0.0025	
4/7/2017	<0.0025	
6/23/2017	<0.0025	
10/10/2017	<0.0025	
3/23/2018	<0.0025	
10/4/2018	<0.0025	
3/27/2019	<0.0025	
9/12/2019	9.5E-05 (J)	
3/19/2020	0.00025 (J)	
9/11/2020	<0.0025	
4/5/2021	<0.0025	
8/12/2021	<0.0025	
2/14/2022	<0.0025	
8/31/2022	<0.0025	
2/28/2023		<0.0025
8/3/2023		<0.0025
3/4/2024		<0.0025

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47	GWA-47
12/20/2010	0.0033 (O)	
2/1/2011	<0.0025	
3/23/2011	<0.0025	
4/27/2011	<0.0025	
10/26/2011	<0.0025	
5/1/2012	<0.0025	
11/8/2012	<0.0025	
5/7/2013	<0.0025	
11/5/2013	<0.0025	
5/23/2014	0.0048 (O)	
11/7/2014	<0.0025	
5/21/2015	<0.0025	
11/12/2015	<0.0025	
4/8/2016	<0.0025	
6/14/2016	4.2E-05 (J)	
8/9/2016	<0.0025	
10/11/2016	0.00052 (J)	
12/5/2016	<0.0025	
2/10/2017	<0.0025	
4/7/2017	<0.0025	
6/22/2017	<0.0025	
10/10/2017	<0.0025	
3/22/2018	<0.0025	
10/5/2018	<0.0025	
3/27/2019	<0.0025	
9/12/2019	0.00011 (J)	
3/20/2020	<0.0025	
9/11/2020	<0.0025	
4/5/2021	0.00017 (J)	
8/13/2021	<0.0025	
2/14/2022	<0.0025	
8/31/2022	<0.0025	
2/28/2023		<0.0025
8/3/2023		<0.0025
3/4/2024		<0.0025

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48	GWA-48
12/21/2010	<0.0025	
2/14/2011	<0.0025	
3/23/2011	<0.0025	
4/27/2011	<0.0025	
10/25/2011	<0.0025	
5/1/2012	0.0039 (O)	
11/8/2012	<0.0025	
5/7/2013	<0.0025	
11/5/2013	<0.0025	
5/23/2014	<0.0025	
11/7/2014	<0.0025	
5/21/2015	<0.0025	
11/12/2015	<0.0025	
4/7/2016	<0.0025	
6/17/2016	0.00017 (J)	
8/10/2016	<0.0025	
10/14/2016	<0.0025	
12/19/2016	<0.0025	
2/13/2017	<0.0025	
4/7/2017	<0.0025	
6/22/2017	<0.0025	
10/10/2017	<0.0025	
3/23/2018	<0.0025	
10/3/2018	<0.0025	
3/27/2019	<0.0025	
9/12/2019	<0.0025	
3/19/2020	0.00029 (J)	
9/11/2020	<0.0025	
4/5/2021	0.00019 (J)	
8/12/2021	<0.0025	
2/14/2022	<0.0025	
8/31/2022	<0.0025	
2/28/2023		<0.0025
8/3/2023		<0.0025
3/4/2024		<0.0025

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49	GWA-49
12/21/2010	<0.0025	
2/14/2011	<0.0025	
3/21/2011	<0.0025	
4/26/2011	<0.0025	
10/26/2011	<0.0025	
5/2/2012	<0.0025	
11/8/2012	<0.0025	
5/8/2013	<0.0025	
11/5/2013	<0.0025	
5/23/2014	<0.0025	
11/7/2014	<0.0025	
5/21/2015	<0.0025	
11/12/2015	<0.0025	
4/7/2016	<0.0025	
6/14/2016	<0.0025	
8/9/2016	<0.0025	
10/11/2016	<0.0025	
12/2/2016	0.0004 (J)	
2/9/2017	<0.0025	
4/7/2017	<0.0025	
6/22/2017	<0.0025	
10/10/2017	<0.0025	
3/22/2018	<0.0025	
10/3/2018	<0.0025	
3/27/2019	<0.0025	
9/12/2019	0.00017 (J)	
3/19/2020	<0.0025	
9/10/2020	0.0002 (J)	
4/6/2021	<0.0025	
8/12/2021	0.00072 (J)	
2/14/2022	0.00039 (J)	
8/30/2022	<0.0025	
3/1/2023		<0.0025
8/3/2023		<0.0025
3/4/2024		<0.0025

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-29
12/22/2010	<0.0025	
2/15/2011	<0.0025	
3/22/2011	<0.0025	
4/27/2011	<0.0025	
10/26/2011	<0.0025	
5/2/2012	<0.0025	
11/8/2012	<0.0025	
5/8/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/7/2014	<0.0025	
5/22/2015	<0.0025	
11/13/2015	<0.0025	
4/11/2016	<0.0025	
6/15/2016	<0.0025	
8/10/2016	<0.0025	
10/11/2016	<0.0025	
12/5/2016	<0.0025	
2/13/2017	<0.0025	
4/10/2017	<0.0025	
6/23/2017	<0.0025	
10/10/2017	<0.0025	
3/26/2018	<0.0025	
10/4/2018	<0.0025	
3/28/2019	<0.0025	
9/12/2019	<0.0025	
3/19/2020	<0.0025	
9/10/2020	<0.0025	
4/6/2021	<0.0025	
8/13/2021	0.00015 (J)	
2/14/2022	<0.0025	
8/31/2022	<0.0025	
3/1/2023		<0.0025
8/3/2023		<0.0025
3/4/2024		<0.0025

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-50	GWC-50
12/22/2010	<0.0025	
2/15/2011	<0.0025	
3/22/2011	<0.0025	
4/27/2011	<0.0025	
10/26/2011	<0.0025	
5/2/2012	<0.0025	
11/8/2012	<0.0025	
5/8/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/8/2014	<0.0025	
5/22/2015	<0.0025	
11/13/2015	<0.0025	
4/11/2016	<0.0025	
6/15/2016	<0.0025	
8/10/2016	<0.0025	
10/11/2016	<0.0025	
12/2/2016	<0.0025	
2/13/2017	<0.0025	
4/7/2017	<0.0025	
6/22/2017	<0.0025	
10/10/2017	<0.0025	
3/23/2018	<0.0025	
10/4/2018	<0.0025	
3/28/2019	<0.0025	
9/12/2019	<0.0025	
3/19/2020	<0.0025	
9/10/2020	<0.0025	
4/6/2021	<0.0025	
8/13/2021	0.00074 (J)	
2/14/2022	<0.0025	
8/31/2022	<0.0025	
3/1/2023		0.01
8/3/2023		<0.0025
3/4/2024		<0.0025

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-51	GWC-51
12/22/2010	<0.0025	
2/15/2011	<0.0025	
3/22/2011	<0.0025	
4/27/2011	<0.0025	
10/26/2011	<0.0025	
5/2/2012	<0.0025	
11/8/2012	<0.0025	
5/8/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/7/2014	<0.0025	
5/22/2015	<0.0025	
11/13/2015	<0.0025	
4/11/2016	<0.0025	
6/16/2016	<0.0025	
8/10/2016	<0.0025	
10/13/2016	<0.0025	
12/5/2016	<0.0025	
2/13/2017	<0.0025	
4/10/2017	<0.0025	
6/23/2017	<0.0025	
10/11/2017	<0.0025	
3/26/2018	<0.0025	
10/4/2018	<0.0025	
3/27/2019	<0.0025	
9/12/2019	0.00012 (J)	
3/19/2020	<0.0025	
9/11/2020	<0.0025	
4/5/2021	0.0002 (J)	
8/13/2021	0.00059 (J)	
2/15/2022	<0.0025	
8/31/2022	<0.0025	
2/28/2023		<0.0025
8/3/2023		<0.0025
3/4/2024		<0.0025

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-53	GWC-53
12/20/2010	0.0051 (J)	
2/14/2011	0.0038 (J)	
3/21/2011	0.0037 (J)	
4/27/2011	<0.01	
10/26/2011	0.0046 (J)	
5/1/2012	0.0043 (J)	
11/9/2012	0.007 (J)	
5/8/2013	0.0047 (J)	
11/4/2013	0.0096 (J)	
5/24/2014	0.0097 (J)	
11/7/2014	0.012	
5/20/2015	0.011	
11/13/2015	0.013	
4/8/2016	<0.01	
6/16/2016	0.0062 (J)	
8/11/2016	0.0092	
10/13/2016	0.0045	
12/6/2016	0.0043	
2/13/2017	0.011	
4/11/2017	0.012	
6/24/2017	0.011	
10/11/2017	0.016	
3/26/2018	0.0069	
10/4/2018	0.016	
3/28/2019	0.011	
9/12/2019	0.011	
3/19/2020	0.0083	
9/11/2020	0.002 (J)	
4/6/2021	0.0062	
8/13/2021	0.015	
2/14/2022	0.011	
8/31/2022	0.014	
2/28/2023		0.0038
8/3/2023		0.013
3/4/2024		0.0067

Prediction Limit

Constituent: Copper, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21	GWA-21
12/22/2010	<0.002	
2/14/2011	<0.002	
3/22/2011	<0.002	
4/26/2011	<0.002	
10/27/2011	<0.002	
5/1/2012	<0.002	
11/8/2012	<0.002	
5/7/2013	<0.002	
11/4/2013	<0.002	
5/24/2014	<0.002	
11/8/2014	<0.002	
5/21/2015	0.0028 (O)	
11/13/2015	<0.002	
4/6/2016	<0.002	
10/11/2016	<0.002	
4/10/2017	<0.002	
10/9/2017	<0.002	
3/26/2018	<0.002	
10/3/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	<0.002	
9/10/2020	0.0023	
4/2/2021	<0.002	
8/12/2021	0.00066 (J)	
2/14/2022	<0.002	
8/26/2022	<0.002	
2/28/2023		<0.002
8/2/2023		<0.002
2/29/2024		<0.002

Prediction Limit

Constituent: Copper, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-22	GWA-22
12/22/2010	<0.002	
2/14/2011	<0.002	
3/22/2011	<0.002	
4/26/2011	<0.002	
10/27/2011	<0.002	
5/1/2012	<0.002	
11/8/2012	<0.002	
5/7/2013	<0.002	
11/4/2013	<0.002	
5/24/2014	<0.002	
11/8/2014	<0.002	
5/21/2015	0.003 (J)	
11/13/2015	0.078 (O)	
4/8/2016	<0.002	
10/11/2016	<0.002	
4/7/2017	<0.002	
10/9/2017	<0.002	
3/26/2018	<0.002 (D)	
10/3/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	<0.002	
9/10/2020	<0.002	
4/2/2021	<0.002	
8/12/2021	<0.002	
2/15/2022	0.0015 (J)	
8/26/2022	<0.002	
2/28/2023		<0.002
8/3/2023		<0.002
3/4/2024		0.0025

Prediction Limit

Constituent: Copper, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-45	GWA-45
12/20/2010	0.0021 (J)	
2/14/2011	<0.002	
3/21/2011	<0.002	
4/26/2011	<0.002	
10/26/2011	<0.002	
5/1/2012	<0.002	
11/8/2012	0.0034 (J)	
5/8/2013	<0.002	
11/4/2013	<0.002	
5/24/2014	<0.002	
11/7/2014	0.002 (J)	
5/20/2015	0.0024 (J)	
11/13/2015	<0.002	
4/7/2016	<0.002	
10/10/2016	<0.002	
4/7/2017	<0.002	
10/10/2017	<0.002	
3/22/2018	<0.002 (D)	
10/3/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	0.00072 (J)	
9/11/2020	0.002	
4/2/2021	<0.002	
8/12/2021	<0.002	
2/14/2022	<0.002	
8/31/2022	<0.002	
2/28/2023		<0.002
8/3/2023		<0.002
3/4/2024		0.0068

Prediction Limit

Constituent: Copper, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47	GWA-47
12/20/2010	0.0065 (J)	
2/1/2011	0.018	
3/23/2011	0.022	
4/27/2011	0.02	
10/26/2011	0.0025 (J)	
5/1/2012	0.0022 (J)	
11/8/2012	0.015	
5/7/2013	0.02	
11/5/2013	0.014	
5/23/2014	0.06 (O)	
11/7/2014	0.0032 (J)	
5/21/2015	0.017 (JV)	
11/12/2015	0.01 (J)	
4/8/2016	<0.002	
10/11/2016	0.0051	
4/7/2017	<0.002	
10/10/2017	<0.002	
3/22/2018	<0.002	
10/5/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	<0.002	
3/20/2020	0.0011 (J)	
9/11/2020	<0.002	
4/5/2021	0.0019 (J)	
8/13/2021	<0.002	
2/14/2022	<0.002	
8/31/2022	<0.002	
2/28/2023		<0.002
8/3/2023		<0.002
3/4/2024		<0.002

Prediction Limit

Constituent: Copper, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48	GWA-48
12/21/2010	0.0084 (J)	
2/14/2011	0.013 (O)	
3/23/2011	0.0061 (J)	
4/27/2011	<0.002	
10/25/2011	<0.002	
5/1/2012	0.0027 (J)	
11/8/2012	<0.002	
5/7/2013	0.0039 (J)	
11/5/2013	<0.002	
5/23/2014	0.0029 (J)	
11/7/2014	<0.002	
5/21/2015	0.0031 (J)	
11/12/2015	<0.002	
4/7/2016	<0.002	
10/14/2016	0.0024 (J)	
4/7/2017	<0.002	
10/10/2017	<0.002	
3/23/2018	<0.002	
10/3/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	0.00083 (J)	
3/19/2020	0.0022	
9/11/2020	<0.002	
4/5/2021	0.00093 (J)	
8/12/2021	<0.002	
2/14/2022	<0.002	
8/31/2022	<0.002	
2/28/2023		<0.002
8/3/2023		<0.002
3/4/2024		<0.002

Prediction Limit

Constituent: Copper, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49	GWA-49
12/21/2010	<0.002	
2/14/2011	<0.002	
3/21/2011	<0.002	
4/26/2011	<0.002	
10/26/2011	<0.002	
5/2/2012	<0.002	
11/8/2012	<0.002	
5/8/2013	<0.002	
11/5/2013	<0.002	
5/23/2014	<0.002	
11/7/2014	<0.002	
5/21/2015	<0.002	
11/12/2015	<0.002	
4/7/2016	<0.002	
10/11/2016	<0.002	
4/7/2017	<0.002	
10/10/2017	<0.002	
3/22/2018	<0.002	
10/3/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	<0.002	
9/10/2020	<0.002	
4/6/2021	<0.002	
8/12/2021	0.0031	
2/14/2022	0.0014 (J)	
8/30/2022	<0.002	
3/1/2023		0.0011 (J)
8/3/2023		<0.002
3/4/2024		<0.002

Prediction Limit

Constituent: Copper, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-50	GWC-50
12/22/2010	<0.002	
2/15/2011	<0.002	
3/22/2011	<0.002	
4/27/2011	<0.002	
10/26/2011	<0.002	
5/2/2012	<0.002	
11/8/2012	<0.002	
5/8/2013	<0.002	
11/4/2013	<0.002	
5/24/2014	<0.002	
11/8/2014	<0.002	
5/22/2015	0.0031 (O)	
11/13/2015	<0.002	
4/11/2016	<0.002	
10/11/2016	<0.002	
4/7/2017	<0.002	
10/10/2017	<0.002	
3/23/2018	<0.002	
10/4/2018	<0.002	
3/28/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	<0.002	
9/10/2020	<0.002	
4/6/2021	<0.002	
8/13/2021	0.0046	
2/14/2022	0.0013 (J)	
8/31/2022	<0.002	
3/1/2023		<0.002
8/3/2023		<0.002
3/4/2024		<0.002

Prediction Limit

Constituent: Copper, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-51	GWC-51
12/22/2010	<0.002	
2/15/2011	<0.002	
3/22/2011	<0.002	
4/27/2011	<0.002	
10/26/2011	<0.002	
5/2/2012	<0.002	
11/8/2012	<0.002	
5/8/2013	<0.002	
11/4/2013	<0.002	
5/24/2014	<0.002	
11/7/2014	<0.002	
5/22/2015	<0.002	
11/13/2015	<0.002	
4/11/2016	<0.002	
10/13/2016	<0.002	
4/10/2017	<0.002	
10/11/2017	<0.002	
3/26/2018	<0.002	
10/4/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	<0.002	
9/11/2020	0.0013 (J)	
4/5/2021	<0.002	
8/13/2021	0.0025	
2/15/2022	<0.002	
8/31/2022	<0.002	
2/28/2023		<0.002
8/3/2023		0.0012 (J)
3/4/2024		<0.002

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21	GWA-21
12/22/2010	<0.001	
2/14/2011	0.0028 (J)	
3/22/2011	0.0021 (J)	
4/26/2011	0.003 (J)	
10/27/2011	0.0028 (J)	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	0.0044 (J)	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/8/2014	<0.001	
5/21/2015	0.0032 (J)	
11/13/2015	<0.001	
4/6/2016	<0.001	
6/14/2016	<0.001	
8/10/2016	<0.001	
10/11/2016	<0.001	
12/2/2016	<0.001	
2/10/2017	<0.001	
4/10/2017	<0.001	
6/23/2017	<0.001	
10/9/2017	<0.001	
3/26/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	0.0022	
4/2/2021	<0.001	
8/12/2021	<0.001	
2/14/2022	<0.001	
8/26/2022	<0.001	
2/28/2023		<0.001
8/2/2023		<0.001
2/29/2024		0.00023 (J)

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-22	GWA-22
12/22/2010	<0.001	
2/14/2011	<0.001	
3/22/2011	<0.001	
4/26/2011	0.0025 (J)	
10/27/2011	0.0033 (J)	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	0.0048 (J)	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/8/2014	0.0021 (J)	
5/21/2015	0.002 (J)	
11/13/2015	<0.001	
4/8/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
10/11/2016	<0.001	
12/5/2016	<0.001	
2/10/2017	<0.001	
4/7/2017	<0.001	
6/26/2017	<0.001	
10/9/2017	<0.001	
3/26/2018	<0.001 (D)	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/2/2021	0.00018 (J)	
8/12/2021	<0.001	
2/15/2022	0.00025 (J)	
8/26/2022	<0.001	
2/28/2023		<0.001
8/3/2023		<0.001
3/4/2024		0.002

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-45	GWA-45
12/20/2010	<0.001	
2/14/2011	0.0024 (J)	
3/21/2011	<0.001	
4/26/2011	0.0027 (J)	
10/26/2011	0.0026 (J)	
5/1/2012	<0.001	
11/8/2012	0.0023 (J)	
5/8/2013	0.0026 (J)	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/20/2015	0.005 (J)	
11/13/2015	0.0031 (J)	
4/7/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
10/10/2016	<0.001	
12/2/2016	<0.001	
2/9/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/22/2018	<0.001 (D)	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	0.00019 (J)	
9/11/2020	0.0016	
4/2/2021	<0.001	
8/12/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
2/28/2023		<0.001
8/3/2023		<0.001
3/4/2024		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-46	GWA-46
12/20/2010	<0.001	
2/1/2011	<0.001	
3/21/2011	<0.001	
4/26/2011	0.0024 (J)	
10/27/2011	0.0025 (J)	
5/2/2012	<0.001	
11/8/2012	0.003 (J)	
5/7/2013	0.0029 (J)	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/20/2015	0.0037 (J)	
11/13/2015	<0.001	
4/7/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
10/10/2016	<0.001	
12/2/2016	<0.001	
2/10/2017	<0.001	
4/7/2017	<0.001	
6/23/2017	<0.001	
10/10/2017	<0.001	
3/23/2018	<0.001	
10/4/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/11/2020	<0.001	
4/5/2021	<0.001	
8/12/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
2/28/2023		<0.001
8/3/2023		<0.001
3/4/2024		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47	GWA-47
12/20/2010	<0.001	
2/1/2011	0.0027 (J)	
3/23/2011	0.0041 (J)	
4/27/2011	0.0054	
10/26/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	0.0022 (J)	
5/7/2013	0.0062	
11/5/2013	<0.001	
5/23/2014	0.0026 (J)	
11/7/2014	0.0022 (J)	
5/21/2015	0.0049 (J)	
11/12/2015	<0.001	
4/8/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
10/11/2016	<0.001	
12/5/2016	<0.001	
2/10/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/22/2018	0.00096 (J)	
10/5/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/20/2020	<0.001	
9/11/2020	<0.001	
4/5/2021	<0.001	
8/13/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
2/28/2023		<0.001
8/3/2023		<0.001
3/4/2024		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48	GWA-48
12/21/2010	<0.001	
2/14/2011	0.0029 (J)	
3/23/2011	0.0028 (J)	
4/27/2011	0.0038 (J)	
10/25/2011	0.0043 (J)	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	0.0064	
11/5/2013	<0.001	
5/23/2014	<0.001	
11/7/2014	0.0026 (J)	
5/21/2015	0.0038 (J)	
11/12/2015	0.0021 (J)	
4/7/2016	<0.001	
6/17/2016	<0.001	
8/10/2016	<0.001	
10/14/2016	<0.001	
12/19/2016	<0.001	
2/13/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/23/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	0.0002 (J)	
9/11/2020	<0.001	
4/5/2021	<0.001	
8/12/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
2/28/2023		<0.001
8/3/2023		<0.001
3/4/2024		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49	GWA-49
12/21/2010	<0.001	
2/14/2011	0.0032 (J)	
3/21/2011	0.0038 (J)	
4/26/2011	0.0046 (J)	
10/26/2011	0.0024 (J)	
5/2/2012	<0.001	
11/8/2012	0.0021 (J)	
5/8/2013	0.006	
11/5/2013	0.0023 (J)	
5/23/2014	<0.001	
11/7/2014	<0.001	
5/21/2015	0.0062 (J)	
11/12/2015	0.0035 (J)	
4/7/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
10/11/2016	<0.001	
12/2/2016	<0.001	
2/9/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/22/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/6/2021	<0.001	
8/12/2021	<0.001	
2/14/2022	<0.001	
8/30/2022	<0.001	
3/1/2023		<0.001
8/3/2023		<0.001
3/4/2024		0.00043 (J)

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-29
12/22/2010	<0.001	
2/15/2011	0.0021 (J)	
3/22/2011	0.0027 (J)	
4/27/2011	0.0024 (J)	
10/26/2011	0.0021 (J)	
5/2/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	0.0035 (J)	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/22/2015	0.0038 (J)	
11/13/2015	<0.001	
4/11/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
10/11/2016	<0.001	
12/5/2016	<0.001	
2/13/2017	<0.001	
4/10/2017	<0.001	
6/23/2017	<0.001	
10/10/2017	<0.001	
3/26/2018	<0.001	
10/4/2018	<0.001	
3/28/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/6/2021	<0.001	
8/13/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
3/1/2023		<0.001
8/3/2023		<0.001
3/4/2024		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-50	GWC-50
12/22/2010	<0.001	
2/15/2011	0.0028 (J)	
3/22/2011	0.0022 (J)	
4/27/2011	0.0033 (J)	
10/26/2011	0.0028 (J)	
5/2/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	0.0043 (J)	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	0.0042 (J)	
11/13/2015	<0.001	
4/11/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
10/11/2016	<0.001	
12/2/2016	<0.001	
2/13/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/23/2018	<0.001	
10/4/2018	<0.001	
3/28/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/6/2021	<0.001	
8/13/2021	0.00054 (J)	
2/14/2022	0.00019 (J)	
8/31/2022	<0.001	
3/1/2023		<0.001
8/3/2023		<0.001
3/4/2024		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-51	GWC-51
12/22/2010	<0.001	
2/15/2011	0.0032 (J)	
3/22/2011	0.0024 (J)	
4/27/2011	0.0033 (J)	
10/26/2011	0.0023 (J)	
5/2/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	0.0035 (J)	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/22/2015	0.0035 (J)	
11/13/2015	<0.001	
4/11/2016	<0.001	
6/16/2016	<0.001	
8/10/2016	<0.001	
10/13/2016	<0.001	
12/5/2016	<0.001	
2/13/2017	<0.001	
4/10/2017	<0.001	
6/23/2017	<0.001	
10/11/2017	0.00041 (J)	
3/26/2018	<0.001	
10/4/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/11/2020	0.0015	
4/5/2021	<0.001	
8/13/2021	0.00022 (J)	
2/15/2022	<0.001	
8/31/2022	<0.001	
2/28/2023		<0.001
8/3/2023		<0.001
3/4/2024		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-52	GWC-52
12/21/2010	<0.001	
2/15/2011	0.0034 (J)	
3/21/2011	0.004 (J)	
4/28/2011	0.0036 (J)	
10/26/2011	0.0038 (J)	
5/1/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	0.0059	
11/4/2013	0.0027 (J)	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/22/2015	0.006 (J)	
11/13/2015	0.0024 (J)	
4/11/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/13/2016	<0.001	
12/5/2016	<0.001	
2/13/2017	<0.001	
4/11/2017	<0.001	
6/24/2017	<0.001	
10/11/2017	<0.001	
3/26/2018	0.0034 (o)	
10/4/2018	<0.001	
3/28/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/11/2020	<0.001	
4/5/2021	<0.001	
8/17/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
3/1/2023		<0.001
8/3/2023		<0.001
3/4/2024		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-53	GWC-53
12/20/2010	<0.001	
2/14/2011	<0.001	
3/21/2011	<0.001	
4/27/2011	<0.001	
10/26/2011	<0.001	
5/1/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/20/2015	0.0026 (O)	
11/13/2015	<0.001	
4/8/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/13/2016	<0.001	
12/6/2016	<0.001	
2/13/2017	<0.001	
4/11/2017	<0.001	
6/24/2017	<0.001	
10/11/2017	<0.001	
3/26/2018	<0.001	
10/4/2018	<0.001	
3/28/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/11/2020	<0.001	
4/6/2021	<0.001	
8/13/2021	0.00017 (J)	
2/14/2022	<0.001	
8/31/2022	<0.001	
2/28/2023		<0.001
8/3/2023		<0.001
3/4/2024		<0.001

Prediction Limit

Constituent: Mercury, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21	GWA-21
12/22/2010	<0.0002	
2/14/2011	<0.0002	
3/22/2011	<0.0002	
4/26/2011	<0.0002	
10/27/2011	<0.0002	
5/1/2012	<0.0002	
11/8/2012	<0.0002	
5/7/2013	<0.0002	
11/4/2013	<0.0002	
5/24/2014	<0.0002	
11/8/2014	<0.0002	
5/21/2015	<0.0002	
11/13/2015	<0.0002	
4/6/2016	<0.0002	
6/14/2016	<0.0002	
8/10/2016	<0.0002	
10/11/2016	<0.0002	
12/2/2016	<0.0002	
2/10/2017	<0.0002	
4/10/2017	<0.0002	
6/23/2017	<0.0002	
10/9/2017	8.7E-05 (J)	
3/26/2018	<0.0002 (X)	
10/3/2018	<0.0002 (X)	
3/27/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/10/2020	<0.0002	
4/2/2021	<0.0002	
8/12/2021	<0.0002	
2/14/2022	<0.0002	
8/26/2022	<0.0002	
2/28/2023		<0.0002
8/2/2023		<0.0002
2/29/2024		<0.0002

Prediction Limit

Constituent: Mercury, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-22	GWA-22
12/22/2010	<0.0002	
2/14/2011	<0.0002	
3/22/2011	<0.0002	
4/26/2011	<0.0002	
10/27/2011	<0.0002	
5/1/2012	<0.0002	
11/8/2012	<0.0002	
5/7/2013	<0.0002	
11/4/2013	<0.0002	
5/24/2014	<0.0002	
11/8/2014	<0.0002	
5/21/2015	<0.0002	
11/13/2015	<0.0002	
4/8/2016	<0.0002	
6/14/2016	<0.0002	
8/9/2016	<0.0002	
10/11/2016	<0.0002	
12/5/2016	<0.0002	
2/10/2017	<0.0002	
4/7/2017	<0.0002	
6/26/2017	<0.0002	
10/9/2017	8.7E-05 (J)	
3/26/2018	<0.0002 (XD)	
10/3/2018	<0.0002 (X)	
3/27/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/10/2020	<0.0002	
4/2/2021	<0.0002	
8/12/2021	<0.0002	
2/15/2022	<0.0002	
8/26/2022	<0.0002	
2/28/2023		<0.0002
8/3/2023		<0.0002
3/4/2024		<0.0002

Prediction Limit

Constituent: Mercury, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-45	GWA-45
12/20/2010	<0.0002	
2/14/2011	<0.0002	
3/21/2011	<0.0002	
4/26/2011	<0.0002	
10/26/2011	<0.0002	
5/1/2012	<0.0002	
11/8/2012	<0.0002	
5/8/2013	<0.0002	
11/4/2013	<0.0002	
5/24/2014	<0.0002	
11/7/2014	<0.0002	
5/20/2015	<0.0002	
11/13/2015	<0.0002	
4/7/2016	<0.0002	
6/14/2016	<0.0002	
8/9/2016	<0.0002	
10/10/2016	<0.0002	
12/2/2016	<0.0002	
2/9/2017	<0.0002	
4/7/2017	<0.0002	
6/22/2017	<0.0002	
10/10/2017	8.9E-05 (J)	
3/22/2018	<0.0002 (D)	
10/3/2018	<0.0002 (X)	
3/27/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/11/2020	<0.0002	
4/2/2021	<0.0002	
8/12/2021	<0.0002	
2/14/2022	<0.0002	
8/31/2022	<0.0002	
2/28/2023		<0.0002
8/3/2023		<0.0002
3/4/2024		<0.0002

Prediction Limit

Constituent: Mercury, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-46	GWA-46
12/20/2010	<0.0002	
2/1/2011	<0.0002	
3/21/2011	<0.0002	
4/26/2011	<0.0002	
10/27/2011	<0.0002	
5/2/2012	<0.0002	
11/8/2012	<0.0002	
5/7/2013	0.00011 (J)	
11/4/2013	<0.0002	
5/24/2014	<0.0002	
11/7/2014	<0.0002	
5/20/2015	<0.0002	
11/13/2015	<0.0002	
4/7/2016	<0.0002	
6/14/2016	<0.0002	
8/9/2016	<0.0002	
10/10/2016	<0.0002	
12/2/2016	<0.0002	
2/10/2017	<0.0002	
4/7/2017	<0.0002	
6/23/2017	<0.0002	
10/10/2017	8.8E-05 (J)	
3/23/2018	<0.0002	
10/4/2018	<0.0002	
3/27/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/11/2020	<0.0002	
4/5/2021	<0.0002	
8/12/2021	<0.0002	
2/14/2022	<0.0002	
8/31/2022	<0.0002	
2/28/2023		<0.0002
8/3/2023		<0.0002
3/4/2024		<0.0002

Prediction Limit

Constituent: Mercury, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47	GWA-47
12/20/2010	<0.0002	
2/1/2011	<0.0002	
3/23/2011	<0.0002	
4/27/2011	<0.0002	
10/26/2011	<0.0002	
5/1/2012	<0.0002	
11/8/2012	<0.0002	
5/7/2013	8.1E-05 (J)	
11/5/2013	<0.0002	
5/23/2014	<0.0002	
11/7/2014	<0.0002	
5/21/2015	<0.0002	
11/12/2015	<0.0002	
4/8/2016	<0.0002	
6/14/2016	<0.0002	
8/9/2016	<0.0002	
10/11/2016	<0.0002	
12/5/2016	<0.0002	
2/10/2017	<0.0002	
4/7/2017	<0.0002	
6/22/2017	<0.0002	
10/10/2017	9.2E-05 (J)	
3/22/2018	<0.0002	
10/5/2018	<0.0002	
3/27/2019	<0.0002	
9/12/2019	<0.0002	
3/20/2020	<0.0002	
9/11/2020	<0.0002	
4/5/2021	<0.0002	
8/13/2021	<0.0002	
2/14/2022	<0.0002	
8/31/2022	<0.0002	
2/28/2023		<0.0002
8/3/2023		<0.0002
3/4/2024		<0.0002

Prediction Limit

Constituent: Mercury, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48	GWA-48
12/21/2010	<0.0002	
2/14/2011	<0.0002	
3/23/2011	<0.0002	
4/27/2011	<0.0002	
10/25/2011	<0.0002	
5/1/2012	<0.0002	
11/8/2012	<0.0002	
5/7/2013	8.4E-05 (J)	
11/5/2013	<0.0002	
5/23/2014	<0.0002	
11/7/2014	<0.0002	
5/21/2015	<0.0002	
11/12/2015	<0.0002	
4/7/2016	<0.0002	
6/17/2016	<0.0002	
8/10/2016	<0.0002	
10/14/2016	<0.0002	
12/19/2016	<0.0002	
2/13/2017	<0.0002	
4/7/2017	<0.0002	
6/22/2017	<0.0002	
10/10/2017	9.2E-05 (J)	
3/23/2018	<0.0002	
10/3/2018	<0.0002 (X)	
3/27/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/11/2020	<0.0002	
4/5/2021	<0.0002	
8/12/2021	<0.0002	
2/14/2022	<0.0002	
8/31/2022	<0.0002	
2/28/2023		<0.0002
8/3/2023		<0.0002
3/4/2024		<0.0002

Prediction Limit

Constituent: Mercury, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49	GWA-49
12/21/2010	<0.0002	
2/14/2011	<0.0002	
3/21/2011	<0.0002	
4/26/2011	<0.0002	
10/26/2011	<0.0002	
5/2/2012	<0.0002	
11/8/2012	<0.0002	
5/8/2013	<0.0002	
11/5/2013	<0.0002	
5/23/2014	<0.0002	
11/7/2014	<0.0002	
5/21/2015	<0.0002	
11/12/2015	<0.0002	
4/7/2016	<0.0002	
6/14/2016	<0.0002	
8/9/2016	<0.0002	
10/11/2016	<0.0002	
12/2/2016	<0.0002	
2/9/2017	<0.0002	
4/7/2017	<0.0002	
6/22/2017	<0.0002	
10/10/2017	8.8E-05 (J)	
3/22/2018	<0.0002	
10/3/2018	<0.0002 (X)	
3/27/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/10/2020	<0.0002	
4/6/2021	<0.0002	
8/12/2021	<0.0002	
2/14/2022	<0.0002	
8/30/2022	<0.0002	
3/1/2023		<0.0002
8/3/2023		<0.0002
3/4/2024		<0.0002

Prediction Limit

Constituent: Mercury, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-29
12/22/2010	<0.0002	
2/15/2011	<0.0002	
3/22/2011	<0.0002	
4/27/2011	<0.0002	
10/26/2011	<0.0002	
5/2/2012	<0.0002	
11/8/2012	<0.0002	
5/8/2013	<0.0002	
11/4/2013	<0.0002	
5/24/2014	<0.0002	
11/7/2014	<0.0002	
5/22/2015	<0.0002	
11/13/2015	<0.0002	
4/11/2016	<0.0002	
6/15/2016	<0.0002	
8/10/2016	<0.0002	
10/11/2016	<0.0002	
12/5/2016	<0.0002	
2/13/2017	<0.0002	
4/10/2017	<0.0002	
6/23/2017	<0.0002	
10/10/2017	9.1E-05 (J)	
3/26/2018	<0.0002	
10/4/2018	<0.0002	
3/28/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/10/2020	<0.0002	
4/6/2021	<0.0002	
8/13/2021	<0.0002	
2/14/2022	<0.0002	
8/31/2022	<0.0002	
3/1/2023		<0.0002
8/3/2023		<0.0002
3/4/2024		<0.0002

Prediction Limit

Constituent: Mercury, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-50	GWC-50
12/22/2010	<0.0002	
2/15/2011	<0.0002	
3/22/2011	<0.0002	
4/27/2011	<0.0002	
10/26/2011	<0.0002	
5/2/2012	<0.0002	
11/8/2012	<0.0002	
5/8/2013	<0.0002	
11/4/2013	<0.0002	
5/24/2014	<0.0002	
11/8/2014	<0.0002	
5/22/2015	<0.0002	
11/13/2015	<0.0002	
4/11/2016	<0.0002	
6/15/2016	<0.0002	
8/10/2016	<0.0002	
10/11/2016	<0.0002	
12/2/2016	<0.0002	
2/13/2017	<0.0002	
4/7/2017	<0.0002	
6/22/2017	<0.0002	
10/10/2017	8.9E-05 (J)	
3/23/2018	<0.0002 (X)	
10/4/2018	<0.0002	
3/28/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/10/2020	<0.0002	
4/6/2021	<0.0002	
8/13/2021	<0.0002	
2/14/2022	<0.0002	
8/31/2022	<0.0002	
3/1/2023		<0.0002
8/3/2023		<0.0002
3/4/2024		<0.0002

Prediction Limit

Constituent: Mercury, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-52	GWC-52
12/21/2010	<0.0002	
2/15/2011	<0.0002	
3/21/2011	<0.0002	
4/28/2011	<0.0002	
10/26/2011	8.2E-05	
5/1/2012	<0.0002	
11/9/2012	<0.0002	
5/8/2013	<0.0002	
11/4/2013	<0.0002	
5/24/2014	<0.0002	
11/7/2014	<0.0002	
5/22/2015	<0.0002	
11/13/2015	<0.0002	
4/11/2016	<0.0002	
6/16/2016	<0.0002	
8/11/2016	<0.0002	
10/13/2016	<0.0002	
12/5/2016	<0.0002	
2/13/2017	<0.0002	
4/11/2017	<0.0002	
6/24/2017	<0.0002	
10/11/2017	<0.0002	
3/26/2018	<0.0002	
10/4/2018	<0.0002	
3/28/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/11/2020	<0.0002	
4/5/2021	<0.0002	
8/17/2021	<0.0002	
2/14/2022	<0.0002	
8/31/2022	<0.0002	
3/1/2023		<0.0002
8/3/2023		9E-05 (J)
3/4/2024		<0.0002

Prediction Limit

Constituent: Nickel, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21	GWA-21
12/22/2010	<0.001	
2/14/2011	<0.001	
3/22/2011	<0.001	
4/26/2011	<0.001	
10/27/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/8/2014	<0.001	
5/21/2015	<0.001	
11/13/2015	<0.001	
4/6/2016	<0.001	
10/11/2016	<0.001	
4/10/2017	<0.001	
10/9/2017	0.0024 (O)	
3/26/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	0.00097 (J)	
3/19/2020	0.00037 (J)	
9/10/2020	0.00095 (J)	
4/2/2021	0.00046 (J)	
8/12/2021	0.0011	
2/14/2022	<0.001	
8/26/2022	0.0012	
2/28/2023		0.0015
8/2/2023		0.00086 (J)
2/29/2024		0.00097 (J)

Prediction Limit

Constituent: Nickel, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-22	GWA-22
12/22/2010	0.003 (O)	
2/14/2011	<0.001	
3/22/2011	<0.001	
4/26/2011	<0.001	
10/27/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/8/2014	<0.001	
5/21/2015	<0.001	
11/13/2015	<0.001	
4/8/2016	<0.001	
10/11/2016	<0.001	
4/7/2017	<0.001	
10/9/2017	<0.001	
3/26/2018	<0.001 (D)	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/2/2021	0.00049 (J)	
8/12/2021	0.00042 (J)	
2/15/2022	0.0014	
8/26/2022	0.00065 (J)	
2/28/2023		0.00091 (J)
8/3/2023		0.00067 (J)
3/4/2024		0.00055 (J)

Prediction Limit

Constituent: Nickel, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-45	GWA-45
12/20/2010	<0.001	
2/14/2011	<0.001	
3/21/2011	<0.001	
4/26/2011	<0.001	
10/26/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/20/2015	<0.001	
11/13/2015	<0.001	
4/7/2016	<0.001	
10/10/2016	<0.001	
4/7/2017	<0.001	
10/10/2017	<0.001	
3/22/2018	<0.001 (D)	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	0.00061 (J)	
3/19/2020	0.00074 (J)	
9/11/2020	0.001	
4/2/2021	0.00077 (J)	
8/12/2021	0.00092 (J)	
2/14/2022	<0.001	
8/31/2022	0.00065 (J)	
2/28/2023		0.00064 (J)
8/3/2023		0.00067 (J)
3/4/2024		0.0011

Prediction Limit

Constituent: Nickel, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-46	GWA-46
12/20/2010	<0.001	
2/1/2011	<0.001	
3/21/2011	<0.001	
4/26/2011	<0.001	
10/27/2011	<0.001	
5/2/2012	<0.001	
11/8/2012	0.0035 (O)	
5/7/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/20/2015	<0.001	
11/13/2015	<0.001	
4/7/2016	<0.001	
10/10/2016	<0.001	
4/7/2017	<0.001	
10/10/2017	<0.001	
3/23/2018	<0.001	
10/4/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	0.0004 (J)	
3/19/2020	<0.001	
9/11/2020	<0.001	
4/5/2021	<0.001	
8/12/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	0.00056 (J)	
2/28/2023		<0.001
8/3/2023		0.00045 (J)
3/4/2024		<0.001

Prediction Limit

Constituent: Nickel, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47	GWA-47
12/20/2010	<0.001	
2/1/2011	0.0072	
3/23/2011	<0.001	
4/27/2011	<0.001	
10/26/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	0.0066	
5/7/2013	0.022	
11/5/2013	0.0093	
5/23/2014	0.0045 (J)	
11/7/2014	0.0049 (J)	
5/21/2015	0.012	
11/12/2015	0.019	
4/8/2016	<0.001	
10/11/2016	<0.001	
4/7/2017	<0.001	
10/10/2017	<0.001	
3/22/2018	<0.001	
10/5/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/20/2020	<0.001	
9/11/2020	<0.001	
4/5/2021	<0.001	
8/13/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
2/28/2023		<0.001
8/3/2023		<0.001
3/4/2024		<0.001

Prediction Limit

Constituent: Nickel, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48	GWA-48
12/21/2010	0.0052	
2/14/2011	0.016	
3/23/2011	<0.001	
4/27/2011	<0.001	
10/25/2011	<0.001	
5/1/2012	0.0035 (J)	
11/8/2012	0.0046 (J)	
5/7/2013	0.0087	
11/5/2013	0.0036 (J)	
5/23/2014	<0.001	
11/7/2014	0.0064	
5/21/2015	0.0045 (J)	
11/12/2015	0.0036 (J)	
4/7/2016	<0.001	
10/14/2016	<0.001	
4/7/2017	<0.001	
10/10/2017	<0.001	
3/23/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	0.0004 (J)	
9/11/2020	<0.001	
4/5/2021	0.00034 (J)	
8/12/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
2/28/2023		<0.001
8/3/2023		<0.001
3/4/2024		<0.001

Prediction Limit

Constituent: Nickel, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49	GWA-49
12/21/2010	<0.001	
2/14/2011	<0.001	
3/21/2011	<0.001	
4/26/2011	<0.001	
10/26/2011	<0.001	
5/2/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	<0.001	
11/5/2013	<0.001	
5/23/2014	<0.001	
11/7/2014	<0.001	
5/21/2015	<0.001	
11/12/2015	<0.001	
4/7/2016	<0.001	
10/11/2016	<0.001	
4/7/2017	<0.001	
10/10/2017	<0.001	
3/22/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	0.00043 (J)	
3/19/2020	<0.001	
9/10/2020	0.00062 (J)	
4/6/2021	<0.001	
8/12/2021	0.0019	
2/14/2022	0.00088 (J)	
8/30/2022	0.00074 (J)	
3/1/2023		<0.001
8/3/2023		0.00046 (J)
3/4/2024		<0.001

Prediction Limit

Constituent: Nickel, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-29
12/22/2010	<0.0047	
2/15/2011	<0.0047	
3/22/2011	<0.0047	
4/27/2011	<0.0047	
10/26/2011	<0.0047	
5/2/2012	<0.0047	
11/8/2012	<0.0047	
5/8/2013	<0.0047	
11/4/2013	<0.0047	
5/24/2014	<0.0047	
11/7/2014	<0.0047	
5/22/2015	0.0032 (J)	
11/13/2015	<0.0047	
4/11/2016	0.00388 (J)	
10/11/2016	<0.0047	
4/10/2017	0.0042	
10/10/2017	0.0037	
3/26/2018	0.0037	
10/4/2018	0.0037	
3/28/2019	0.0038	
9/12/2019	0.0035	
3/19/2020	0.0039	
9/10/2020	0.0035	
4/6/2021	0.0042	
8/13/2021	0.0037	
2/14/2022	0.0034	
8/31/2022	0.0033	
3/1/2023		0.0038
8/3/2023		0.0031
3/4/2024		0.0028

Prediction Limit

Constituent: Nickel, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-50	GWC-50
12/22/2010	<0.0018	
2/15/2011	<0.0018	
3/22/2011	<0.0018	
4/27/2011	<0.0018	
10/26/2011	<0.0018	
5/2/2012	<0.0018	
11/8/2012	<0.0018	
5/8/2013	<0.0018	
11/4/2013	<0.0018	
5/24/2014	<0.0018	
11/8/2014	<0.0018	
5/22/2015	<0.0018	
11/13/2015	<0.0018	
4/11/2016	<0.0018	
10/11/2016	<0.0018	
4/7/2017	<0.0018	
10/10/2017	<0.0018	
3/23/2018	<0.0018	
10/4/2018	<0.0018	
3/28/2019	<0.0018	
9/12/2019	0.0012	
3/19/2020	0.0015	
9/10/2020	0.0017	
4/6/2021	0.0019	
8/13/2021	0.0036	
2/14/2022	0.0026	
8/31/2022	0.0031	
3/1/2023		0.0073
8/3/2023		0.0033
3/4/2024		0.0029

Prediction Limit

Constituent: Nickel, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-51	GWC-51
12/22/2010	<0.0025	
2/15/2011	<0.0025	
3/22/2011	<0.0025	
4/27/2011	<0.0025	
10/26/2011	<0.0025	
5/2/2012	<0.0025	
11/8/2012	<0.0025	
5/8/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/7/2014	<0.0025	
5/22/2015	<0.0025	
11/13/2015	<0.0025	
4/11/2016	<0.0025	
10/13/2016	<0.0025	
4/10/2017	<0.0025	
10/11/2017	0.0018 (J)	
3/26/2018	0.0021 (J)	
10/4/2018	0.0024 (J)	
3/27/2019	0.0024 (J)	
9/12/2019	0.0019	
3/19/2020	0.0021	
9/11/2020	0.002	
4/5/2021	0.002	
8/13/2021	0.0034	
2/15/2022	0.0024	
8/31/2022	0.0025	
2/28/2023		0.0028
8/3/2023		0.0028
3/4/2024		0.0024

Prediction Limit

Constituent: Nickel, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-53	GWC-53
12/20/2010	0.006	
2/14/2011	0.0067	
3/21/2011	0.0066	
4/27/2011	0.0077	
10/26/2011	0.0063	
5/1/2012	0.0068	
11/9/2012	0.0067	
5/8/2013	0.0066	
11/4/2013	0.0072	
5/24/2014	0.0053	
11/7/2014	0.0052	
5/20/2015	0.0067	
11/13/2015	0.0063	
4/8/2016	<0.0073	
10/13/2016	<0.0073	
4/11/2017	0.0075	
10/11/2017	0.0072	
3/26/2018	0.0075	
10/4/2018	0.0073	
3/28/2019	0.0069	
9/12/2019	0.007	
3/19/2020	0.007	
9/11/2020	0.0074	
4/6/2021	0.0072	
8/13/2021	0.0073	
2/14/2022	0.0071	
8/31/2022	0.0069	
2/28/2023		0.0073
8/3/2023		0.0071
3/4/2024		0.0077

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-22	GWA-22
12/22/2010	<0.005	
2/14/2011	<0.005	
3/22/2011	<0.005	
4/26/2011	<0.005	
10/27/2011	<0.005	
5/1/2012	<0.005	
11/8/2012	<0.005	
5/7/2013	<0.005	
11/4/2013	0.0048	
5/24/2014	<0.005	
11/8/2014	<0.005	
5/21/2015	0.0041	
11/13/2015	<0.005	
4/8/2016	<0.005	
6/14/2016	<0.005	
8/9/2016	<0.005	
10/11/2016	<0.005	
12/5/2016	<0.005	
2/10/2017	0.0032	
4/7/2017	<0.005	
6/26/2017	<0.005	
10/9/2017	<0.005	
3/26/2018	<0.005 (D)	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/2/2021	<0.005	
8/12/2021	<0.005	
2/15/2022	<0.005	
8/26/2022	<0.005	
2/28/2023		<0.005
8/3/2023		<0.005
3/4/2024		<0.005

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-45	GWA-45
12/20/2010	<0.005	
2/14/2011	<0.005	
3/21/2011	<0.005	
4/26/2011	<0.005	
10/26/2011	<0.005	
5/1/2012	<0.005	
11/8/2012	<0.005	
5/8/2013	0.0048	
11/4/2013	<0.005	
5/24/2014	0.0042	
11/7/2014	<0.005	
5/20/2015	0.0093 (O)	
11/13/2015	0.0061 (O)	
4/7/2016	<0.005	
6/14/2016	<0.005	
8/9/2016	<0.005	
10/10/2016	<0.005	
12/2/2016	<0.005	
2/9/2017	<0.005	
4/7/2017	<0.005	
6/22/2017	<0.005	
10/10/2017	0.00033 (J)	
3/22/2018	<0.005 (D)	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/11/2020	<0.005	
4/2/2021	<0.005	
8/12/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	<0.005	
2/28/2023		0.00076 (J)
8/3/2023		<0.005
3/4/2024		<0.005

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47	GWA-47
12/20/2010	<0.005	
2/1/2011	<0.005	
3/23/2011	<0.005	
4/27/2011	<0.005	
10/26/2011	<0.005	
5/1/2012	<0.005	
11/8/2012	<0.005	
5/7/2013	<0.005	
11/5/2013	0.0064 (O)	
5/23/2014	<0.005	
11/7/2014	<0.005	
5/21/2015	<0.005	
11/12/2015	<0.005	
4/8/2016	<0.005	
6/14/2016	<0.005	
8/9/2016	<0.005	
10/11/2016	<0.005	
12/5/2016	<0.005	
2/10/2017	<0.005	
4/7/2017	<0.005	
6/22/2017	0.0021	
10/10/2017	<0.005	
3/22/2018	<0.005	
10/5/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	<0.005	
3/20/2020	<0.005	
9/11/2020	<0.005	
4/5/2021	<0.005	
8/13/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	<0.005	
2/28/2023		<0.005
8/3/2023		<0.005
3/4/2024		<0.005

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48	GWA-48
12/21/2010	<0.005	
2/14/2011	<0.005	
3/23/2011	<0.005	
4/27/2011	<0.005	
10/25/2011	<0.005	
5/1/2012	<0.005	
11/8/2012	<0.005	
5/7/2013	0.0046	
11/5/2013	0.0047	
5/23/2014	<0.005	
11/7/2014	<0.005	
5/21/2015	0.0077 (O)	
11/12/2015	<0.005	
4/7/2016	<0.005	
6/17/2016	<0.005	
8/10/2016	<0.005	
10/14/2016	<0.005	
12/19/2016	<0.005	
2/13/2017	<0.005	
4/7/2017	<0.005	
6/22/2017	<0.005	
10/10/2017	<0.005	
3/23/2018	<0.005	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/11/2020	<0.005	
4/5/2021	<0.005	
8/12/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	<0.005	
2/28/2023		<0.005
8/3/2023		<0.005
3/4/2024		<0.005

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49	GWA-49
12/21/2010	<0.005	
2/14/2011	<0.005	
3/21/2011	<0.005	
4/26/2011	<0.005	
10/26/2011	<0.005	
5/2/2012	<0.005	
11/8/2012	<0.005	
5/8/2013	<0.005	
11/5/2013	<0.005	
5/23/2014	<0.005	
11/7/2014	<0.005	
5/21/2015	0.0041	
11/12/2015	<0.005	
4/7/2016	<0.005	
6/14/2016	<0.005	
8/9/2016	<0.005	
10/11/2016	<0.005	
12/2/2016	<0.005	
2/9/2017	<0.005	
4/7/2017	0.00092 (J)	
6/22/2017	<0.005	
10/10/2017	<0.005	
3/22/2018	<0.005	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/6/2021	<0.005	
8/12/2021	<0.005	
2/14/2022	<0.005	
8/30/2022	<0.005	
3/1/2023		<0.005
8/3/2023		<0.005
3/4/2024		<0.005

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-29
12/22/2010	<0.005	
2/15/2011	<0.005	
3/22/2011	<0.005	
4/27/2011	<0.005	
10/26/2011	<0.005	
5/2/2012	<0.005	
11/8/2012	<0.005	
5/8/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	0.0044	
11/7/2014	<0.005	
5/22/2015	<0.005	
11/13/2015	<0.005	
4/11/2016	<0.005	
6/15/2016	<0.005	
8/10/2016	<0.005	
10/11/2016	<0.005	
12/5/2016	<0.005	
2/13/2017	<0.005	
4/10/2017	<0.005	
6/23/2017	<0.005	
10/10/2017	<0.005	
3/26/2018	<0.005	
10/4/2018	0.00032 (J)	
3/28/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/6/2021	<0.005	
8/13/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	<0.005	
3/1/2023		<0.005
8/3/2023		<0.005
3/4/2024		<0.005

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-50	GWC-50
12/22/2010	<0.005	
2/15/2011	<0.005	
3/22/2011	<0.005	
4/27/2011	<0.005	
10/26/2011	<0.005	
5/2/2012	<0.005	
11/8/2012	<0.005	
5/8/2013	0.0042	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/8/2014	<0.005	
5/22/2015	<0.005	
11/13/2015	<0.005	
4/11/2016	<0.005	
6/15/2016	<0.005	
8/10/2016	<0.005	
10/11/2016	<0.005	
12/2/2016	<0.005	
2/13/2017	<0.005	
4/7/2017	0.0021	
6/22/2017	<0.005	
10/10/2017	<0.005	
3/23/2018	<0.005	
10/4/2018	<0.005	
3/28/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/6/2021	<0.005	
8/13/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	<0.005	
3/1/2023		<0.005
8/3/2023		<0.005
3/4/2024		<0.005

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-52	GWC-52
12/21/2010	<0.005	
2/15/2011	<0.005	
3/21/2011	<0.005	
4/28/2011	<0.005	
10/26/2011	<0.005	
5/1/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/4/2013	0.0049	
5/24/2014	<0.005	
11/7/2014	<0.005	
5/22/2015	0.0067 (O)	
11/13/2015	<0.005	
4/11/2016	<0.005	
6/16/2016	<0.005	
8/11/2016	0.00036 (J)	
10/13/2016	0.00035 (J)	
12/5/2016	<0.005	
2/13/2017	<0.005	
4/11/2017	0.0027	
6/24/2017	<0.005	
10/11/2017	<0.005	
3/26/2018	<0.005	
10/4/2018	0.0004 (J)	
3/28/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/11/2020	<0.005	
4/5/2021	<0.005	
8/17/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	<0.005	
3/1/2023		0.00099 (J)
8/3/2023		<0.005
3/4/2024		<0.005

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-53	GWC-53
12/20/2010	<0.005	
2/14/2011	<0.005	
3/21/2011	<0.005	
4/27/2011	<0.005	
10/26/2011	<0.005	
5/1/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/7/2014	<0.005	
5/20/2015	<0.005	
11/13/2015	<0.005	
4/8/2016	<0.005	
6/16/2016	<0.005	
8/11/2016	<0.005	
10/13/2016	0.00046 (J)	
12/6/2016	<0.005	
2/13/2017	0.0025	
4/11/2017	0.00089 (J)	
6/24/2017	<0.005	
10/11/2017	<0.005	
3/26/2018	<0.005	
10/4/2018	<0.005	
3/28/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/11/2020	<0.005	
4/6/2021	<0.005	
8/13/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	<0.005	
2/28/2023		<0.005
8/3/2023		<0.005
3/4/2024		<0.005

Prediction Limit

Constituent: Thallium, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21	GWA-21
12/22/2010	<0.001	
2/14/2011	<0.001	
3/22/2011	<0.001	
4/26/2011	<0.001	
10/27/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	<0.001	
11/4/2013	0.00025 (J)	
5/24/2014	<0.001	
11/8/2014	0.00048	
5/21/2015	<0.001	
11/13/2015	<0.001	
4/6/2016	<0.001	
6/14/2016	<0.001	
8/10/2016	<0.001	
10/11/2016	<0.001	
12/2/2016	<0.001	
2/10/2017	<0.001	
4/10/2017	<0.001	
6/23/2017	<0.001	
10/9/2017	<0.001	
3/26/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/2/2021	0.00016 (J)	
8/12/2021	<0.001	
2/14/2022	<0.001	
8/26/2022	<0.001	
2/28/2023		<0.001
8/2/2023		<0.001
2/29/2024		<0.001

Prediction Limit

Constituent: Thallium, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-22	GWA-22
12/22/2010	<0.001	
2/14/2011	<0.001	
3/22/2011	<0.001	
4/26/2011	<0.001	
10/27/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/8/2014	0.00086	
5/21/2015	<0.001	
11/13/2015	<0.001	
4/8/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
10/11/2016	<0.001	
12/5/2016	<0.001	
2/10/2017	<0.001	
4/7/2017	<0.001	
6/26/2017	<0.001	
10/9/2017	<0.001	
3/26/2018	<0.001 (D)	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/2/2021	0.00036 (J)	
8/12/2021	<0.001	
2/15/2022	<0.001	
8/26/2022	<0.001	
2/28/2023		<0.001
8/3/2023		<0.001
3/4/2024		<0.001

Prediction Limit

Constituent: Thallium, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-45	GWA-45
12/20/2010	0.00026 (J)	
2/14/2011	<0.001	
3/21/2011	<0.001	
4/26/2011	<0.001	
10/26/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	0.00032	
5/20/2015	<0.001	
11/13/2015	<0.001	
4/7/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
10/10/2016	<0.001	
12/2/2016	<0.001	
2/9/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/22/2018	<0.001 (D)	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	0.00036 (J)	
9/11/2020	<0.001	
4/2/2021	<0.001	
8/12/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
2/28/2023		<0.001
8/3/2023		<0.001
3/4/2024		<0.001

Prediction Limit

Constituent: Thallium, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48	GWA-48
12/21/2010	<0.001	
2/14/2011	<0.001	
3/23/2011	<0.001	
4/27/2011	<0.001	
10/25/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	<0.001	
11/5/2013	<0.001	
5/23/2014	<0.001	
11/7/2014	<0.001	
5/21/2015	<0.001	
11/12/2015	<0.001	
4/7/2016	<0.001	
6/17/2016	<0.001	
8/10/2016	<0.001	
10/14/2016	<0.001	
12/19/2016	<0.001	
2/13/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/23/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	0.00018 (J)	
9/11/2020	<0.001	
4/5/2021	0.00043 (J)	
8/12/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
2/28/2023		<0.001
8/3/2023		<0.001
3/4/2024		<0.001

Prediction Limit

Constituent: Thallium, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-50	GWC-50
12/22/2010	<0.001	
2/15/2011	<0.001	
3/22/2011	<0.001	
4/27/2011	<0.001	
10/26/2011	<0.001	
5/2/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	0.00028	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	<0.001	
11/13/2015	<0.001	
4/11/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
10/11/2016	<0.001	
12/2/2016	<0.001	
2/13/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/23/2018	<0.001	
10/4/2018	<0.001	
3/28/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/6/2021	<0.001	
8/13/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
3/1/2023		<0.001
8/3/2023		<0.001
3/4/2024		<0.001

Prediction Limit

Constituent: Thallium, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-51	GWC-51
12/22/2010	<0.001	
2/15/2011	<0.001	
3/22/2011	<0.001	
4/27/2011	<0.001	
10/26/2011	<0.001	
5/2/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/22/2015	<0.001	
11/13/2015	<0.001	
4/11/2016	<0.001	
6/16/2016	<0.001	
8/10/2016	<0.001	
10/13/2016	<0.001	
12/5/2016	<0.001	
2/13/2017	<0.001	
4/10/2017	<0.001	
6/23/2017	<0.001	
10/11/2017	<0.001	
3/26/2018	<0.001	
10/4/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/11/2020	<0.001	
4/5/2021	0.00022 (J)	
8/13/2021	<0.001	
2/15/2022	<0.001	
8/31/2022	<0.001	
2/28/2023		<0.001
8/3/2023		<0.001
3/4/2024		<0.001

Prediction Limit

Constituent: Vanadium, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21	GWA-21
12/22/2010	<0.0025	
2/14/2011	<0.0025	
3/22/2011	0.0028 (J)	
4/26/2011	0.0025 (J)	
10/27/2011	<0.0025	
5/1/2012	<0.0025	
11/8/2012	<0.0025	
5/7/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/8/2014	<0.0025	
5/21/2015	<0.0025	
11/13/2015	<0.0025	
4/6/2016	0.00201 (J)	
10/11/2016	<0.0025	
4/10/2017	0.002 (J)	
10/9/2017	<0.0025	
3/26/2018	0.0014 (J)	
10/3/2018	0.0023 (J)	
3/27/2019	0.0072 (O)	
9/12/2019	0.0031	
3/19/2020	0.003	
9/10/2020	0.0027	
4/2/2021	0.0029	
8/12/2021	0.004	
2/14/2022	0.0033	
8/26/2022	0.0028	
2/28/2023		0.0036
8/2/2023		0.0035
2/29/2024		0.0025

Prediction Limit

Constituent: Vanadium, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-22	GWA-22
12/22/2010	<0.0025	
2/14/2011	<0.0025	
3/22/2011	0.0032 (J)	
4/26/2011	<0.0025	
10/27/2011	<0.0025	
5/1/2012	0.0037 (J)	
11/8/2012	<0.0025	
5/7/2013	0.0041 (J)	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/8/2014	<0.0025	
5/21/2015	0.0052 (J)	
11/13/2015	<0.0025	
4/8/2016	<0.0025 (D)	
10/11/2016	<0.0025	
4/7/2017	0.0033	
10/9/2017	<0.0025	
3/26/2018	0.0029	
10/3/2018	0.0022 (J)	
3/27/2019	0.0071 (O)	
9/12/2019	0.0025	
3/19/2020	0.0052	
9/10/2020	0.0025	
4/2/2021	0.0045	
8/12/2021	0.0028	
2/15/2022	0.0083	
8/26/2022	0.002	
2/28/2023		0.0071
8/3/2023		0.0037
3/4/2024		0.0081

Prediction Limit

Constituent: Vanadium, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-45	GWA-45
12/20/2010	<0.0014	
2/14/2011	<0.0014	
3/21/2011	<0.0014	
4/26/2011	0.0022 (J)	
10/26/2011	<0.0014	
5/1/2012	0.0036 (J)	
11/8/2012	0.0062 (O)	
5/8/2013	<0.0014	
11/4/2013	<0.0014	
5/24/2014	<0.0014	
11/7/2014	<0.0014	
5/20/2015	<0.0014	
11/13/2015	<0.0014	
4/7/2016	<0.0014	
10/10/2016	<0.0014	
4/7/2017	<0.0014	
10/10/2017	0.0014 (J)	
3/22/2018	<0.0014 (D)	
10/3/2018	<0.0014	
3/27/2019	0.0023 (J)	
9/12/2019	0.0017	
3/19/2020	0.0031	
9/11/2020	0.0015	
4/2/2021	0.0014	
8/12/2021	0.0017	
2/14/2022	0.0028	
8/31/2022	0.0011	
2/28/2023		0.0018
8/3/2023		0.0012 (J)
3/4/2024		0.0024

Prediction Limit

Constituent: Vanadium, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-46	GWA-46
12/20/2010	0.0024 (J)	
2/1/2011	0.0021 (J)	
3/21/2011	0.0025 (J)	
4/26/2011	0.0033 (J)	
10/27/2011	<0.0034	
5/2/2012	0.0051 (J)	
11/8/2012	0.02 (O)	
5/7/2013	0.0036 (J)	
11/4/2013	0.0043 (J)	
5/24/2014	0.0033 (J)	
11/7/2014	<0.0034	
5/20/2015	0.0062 (J)	
11/13/2015	0.0046 (J)	
4/7/2016	0.00293 (J)	
10/10/2016	0.0031	
4/7/2017	0.0041	
10/10/2017	<0.0034	
3/23/2018	0.0032	
10/4/2018	<0.0034 (X)	
3/27/2019	0.0072	
9/12/2019	0.0033	
3/19/2020	0.0033	
9/11/2020	0.0026	
4/5/2021	0.003	
8/12/2021	0.0031	
2/14/2022	0.0032	
8/31/2022	0.0027	
2/28/2023		0.0037
8/3/2023		0.0026
3/4/2024		0.0028

Prediction Limit

Constituent: Vanadium, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47	GWA-47
12/20/2010	0.0051 (J)	
2/1/2011	0.012	
3/23/2011	0.015	
4/27/2011	0.022	
10/26/2011	0.0043 (J)	
5/1/2012	0.0069 (J)	
11/8/2012	0.013	
5/7/2013	0.017	
11/5/2013	0.013	
5/23/2014	0.041 (o)	
11/7/2014	0.0069 (J)	
5/21/2015	0.016	
11/12/2015	0.013	
4/8/2016	<0.0053 (D)	
10/11/2016	0.011	
4/7/2017	0.0073	
10/10/2017	0.0032	
3/22/2018	0.0068	
10/5/2018	<0.0053 (X)	
3/27/2019	0.012	
9/12/2019	0.0075	
3/20/2020	0.0086	
9/11/2020	0.007	
4/5/2021	0.0085	
8/13/2021	0.0078	
2/14/2022	0.0076	
8/31/2022	0.0073	
2/28/2023		0.0078
8/3/2023		0.0072
3/4/2024		0.0078

Prediction Limit

Constituent: Vanadium, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48	GWA-48
12/21/2010	0.0091 (J)	
2/14/2011	0.013	
3/23/2011	<0.01	
4/27/2011	0.0078 (J)	
10/25/2011	0.012 (O)	
5/1/2012	0.019	
11/8/2012	0.015	
5/7/2013	0.017	
11/5/2013	0.015	
5/23/2014	0.017	
11/7/2014	0.013	
5/21/2015	0.016	
11/12/2015	0.018	
4/7/2016	0.016	
10/14/2016	0.018	
4/7/2017	0.017	
10/10/2017	0.015	
3/23/2018	0.016	
10/3/2018	0.017	
3/27/2019	0.022	
9/12/2019	0.019	
3/19/2020	0.019	
9/11/2020	0.017	
4/5/2021	0.019	
8/12/2021	0.019	
2/14/2022	0.019	
8/31/2022	0.018	
2/28/2023		0.02
8/3/2023		0.017
3/4/2024		0.018

Prediction Limit

Constituent: Vanadium, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49	GWA-49
12/21/2010	0.016	
2/14/2011	0.016	
3/21/2011	0.018	
4/26/2011	0.018	
10/26/2011	0.018	
5/2/2012	0.021	
11/8/2012	0.019	
5/8/2013	0.02	
11/5/2013	0.018	
5/23/2014	0.018	
11/7/2014	0.018	
5/21/2015	0.02	
11/12/2015	0.016	
4/7/2016	0.0182	
10/11/2016	0.023	
4/7/2017	0.02	
10/10/2017	0.016	
3/22/2018	0.018	
10/3/2018	0.018	
3/27/2019	0.021	
9/12/2019	0.02	
3/19/2020	0.02	
9/10/2020	0.018	
4/6/2021	0.021	
8/12/2021	0.02	
2/14/2022	0.02	
8/30/2022	0.019	
3/1/2023		0.019
8/3/2023		0.019
3/4/2024		0.018

Prediction Limit

Constituent: Vanadium, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-29
12/22/2010	0.0037 (J)	
2/15/2011	0.0043 (J)	
3/22/2011	0.0039 (J)	
4/27/2011	0.0035 (J)	
10/26/2011	0.0047 (J)	
5/2/2012	0.0064 (J)	
11/8/2012	0.0051 (J)	
5/8/2013	0.0046 (J)	
11/4/2013	0.0039 (J)	
5/24/2014	0.0053 (J)	
11/7/2014	0.0034 (J)	
5/22/2015	0.0068 (J)	
11/13/2015	0.0044 (J)	
4/11/2016	0.00381 (J)	
10/11/2016	<0.0053	
4/10/2017	0.0038	
10/10/2017	0.0053	
3/26/2018	0.0037	
10/4/2018	<0.0053 (X)	
3/28/2019	0.0079	
9/12/2019	0.0054	
3/19/2020	0.0044	
9/10/2020	0.0049	
4/6/2021	0.0045	
8/13/2021	0.0061	
2/14/2022	0.0047	
8/31/2022	0.0055	
3/1/2023		0.0051
8/3/2023		0.005
3/4/2024		0.0045

Prediction Limit

Constituent: Vanadium, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-50	GWC-50
12/22/2010	<0.001	
2/15/2011	<0.001	
3/22/2011	0.0034 (J)	
4/27/2011	0.0032 (J)	
10/26/2011	<0.001	
5/2/2012	0.0039 (J)	
11/8/2012	0.0034 (J)	
5/8/2013	<0.001	
11/4/2013	0.0035 (J)	
5/24/2014	0.0036 (J)	
11/8/2014	<0.001	
5/22/2015	0.0044 (J)	
11/13/2015	<0.001	
4/11/2016	0.00254 (J)	
10/11/2016	<0.001	
4/7/2017	0.0024 (J)	
10/10/2017	<0.001	
3/23/2018	0.0023 (J)	
10/4/2018	<0.001 (X)	
3/28/2019	0.0053	
9/12/2019	0.0028	
3/19/2020	0.0027	
9/10/2020	0.0026	
4/6/2021	0.0026	
8/13/2021	0.0093	
2/14/2022	0.0042	
8/31/2022	0.0031	
3/1/2023		<0.001
8/3/2023		0.0029
3/4/2024		0.0025

Prediction Limit

Constituent: Vanadium, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-51	GWC-51
12/22/2010	0.0027 (J)	
2/15/2011	0.0036 (J)	
3/22/2011	<0.0066	
4/27/2011	0.0046 (J)	
10/26/2011	<0.0066	
5/2/2012	0.0055 (J)	
11/8/2012	0.0042 (J)	
5/8/2013	0.0046 (J)	
11/4/2013	0.0042 (J)	
5/24/2014	0.0061 (J)	
11/7/2014	0.0032 (J)	
5/22/2015	0.0056 (J)	
11/13/2015	<0.0066	
4/11/2016	0.00415 (J)	
10/13/2016	<0.0066	
4/10/2017	0.0043	
10/11/2017	0.0052	
3/26/2018	0.004	
10/4/2018	<0.0066 (X)	
3/27/2019	0.0087	
9/12/2019	0.0047	
3/19/2020	0.0046	
9/11/2020	0.0042	
4/5/2021	0.0059	
8/13/2021	0.0072	
2/15/2022	0.0049	
8/31/2022	0.0038	
2/28/2023		0.0052
8/3/2023		0.0041
3/4/2024		0.0041

Prediction Limit

Constituent: Vanadium, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-52	GWC-52
12/21/2010	<0.01	
2/15/2011	0.0098 (J)	
3/21/2011	0.012	
4/28/2011	0.011	
10/26/2011	0.012	
5/1/2012	0.011	
11/9/2012	0.011	
5/8/2013	<0.01	
11/4/2013	0.011	
5/24/2014	0.012	
11/7/2014	0.01	
5/22/2015	0.013	
11/13/2015	0.014	
4/11/2016	0.0107	
10/13/2016	0.011	
4/11/2017	0.011	
10/11/2017	0.012	
3/26/2018	0.0096	
10/4/2018	0.013	
3/28/2019	0.01	
9/12/2019	0.011	
3/19/2020	0.01	
9/11/2020	0.0099	
4/5/2021	0.011	
8/17/2021	0.011	
2/14/2022	0.011	
8/31/2022	0.01	
3/1/2023		0.011
8/3/2023		0.0088
3/4/2024		0.0098

Prediction Limit

Constituent: Vanadium, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-53	GWC-53
12/20/2010	<0.002	
2/14/2011	<0.002	
3/21/2011	<0.002	
4/27/2011	<0.002	
10/26/2011	<0.002	
5/1/2012	0.0032 (J)	
11/9/2012	<0.002	
5/8/2013	<0.002	
11/4/2013	<0.002	
5/24/2014	<0.002	
11/7/2014	<0.002	
5/20/2015	0.0065	
11/13/2015	<0.002	
4/8/2016	0.0136 (O)	
10/13/2016	<0.002	
4/11/2017	<0.002	
10/11/2017	0.0019 (J)	
3/26/2018	<0.002	
10/4/2018	<0.002 (X)	
3/28/2019	0.0041	
9/12/2019	<0.002	
3/19/2020	<0.002	
9/11/2020	<0.002	
4/6/2021	<0.002	
8/13/2021	0.0016	
2/14/2022	0.0014	
8/31/2022	0.00095 (J)	
2/28/2023		0.0023
8/3/2023		<0.002
3/4/2024		0.00066 (J)

Prediction Limit

Constituent: Zinc, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21	GWA-21
12/22/2010	<0.005	
2/14/2011	<0.005	
3/22/2011	<0.005	
4/26/2011	<0.005	
10/27/2011	<0.005	
5/1/2012	<0.005	
11/8/2012	<0.005	
5/7/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/8/2014	<0.005	
5/21/2015	<0.005	
11/13/2015	<0.005	
4/6/2016	<0.005	
10/11/2016	<0.005	
4/10/2017	<0.005	
10/9/2017	<0.005	
3/26/2018	<0.005	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	0.0046 (J)	
3/19/2020	<0.005	
9/10/2020	0.0048 (J)	
4/2/2021	<0.005	
8/12/2021	<0.005	
2/14/2022	<0.005	
8/26/2022	<0.005	
2/28/2023		<0.005
8/2/2023		<0.005
2/29/2024		<0.005

Prediction Limit

Constituent: Zinc, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-22	GWA-22
12/22/2010	<0.005	
2/14/2011	<0.005	
3/22/2011	<0.005	
4/26/2011	<0.005	
10/27/2011	<0.005	
5/1/2012	<0.005	
11/8/2012	<0.005	
5/7/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/8/2014	<0.005	
5/21/2015	<0.005	
11/13/2015	0.039 (O)	
10/11/2016	<0.005	
4/7/2017	<0.005	
10/9/2017	<0.005	
3/26/2018	<0.005 (D)	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	0.0085	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/2/2021	<0.005	
8/12/2021	<0.005	
2/15/2022	0.003 (J)	
8/26/2022	<0.005	
2/28/2023		<0.005
8/3/2023		<0.005
3/4/2024		0.0059

Prediction Limit

Constituent: Zinc, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-45	GWA-45
12/20/2010	<0.005	
2/14/2011	<0.005	
3/21/2011	<0.005	
4/26/2011	<0.005	
10/26/2011	<0.005	
5/1/2012	<0.005	
11/8/2012	<0.005	
5/8/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/7/2014	<0.005	
5/20/2015	<0.005	
11/13/2015	<0.005	
4/7/2016	0.00345 (J)	
10/10/2016	<0.005	
4/7/2017	<0.005	
10/10/2017	<0.005	
3/22/2018	<0.005 (D)	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	0.0095	
3/19/2020	0.0037 (J)	
9/11/2020	0.0098	
4/2/2021	0.0058	
8/12/2021	0.006	
2/14/2022	0.003 (J)	
8/31/2022	0.0051	
2/28/2023		0.0062 (J)
8/3/2023		0.0051
3/4/2024		0.0035 (J)

Prediction Limit

Constituent: Zinc, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-46	GWA-46
12/20/2010	<0.005	
2/1/2011	<0.005	
3/21/2011	<0.005	
4/26/2011	<0.005	
10/27/2011	<0.005	
5/2/2012	<0.005	
11/8/2012	0.013 (O)	
5/7/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/7/2014	<0.005	
5/20/2015	<0.005	
11/13/2015	<0.005	
4/7/2016	0.00265 (J)	
10/10/2016	<0.005	
4/7/2017	<0.005	
10/10/2017	0.0096 (J)	
3/23/2018	<0.005	
10/4/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	0.0091	
3/19/2020	0.0035 (J)	
9/11/2020	0.0038 (J)	
4/5/2021	0.0049 (J)	
8/12/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	0.0032 (J)	
2/28/2023		<0.005
8/3/2023		0.0037 (J)
3/4/2024		<0.005

Prediction Limit

Constituent: Zinc, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47	GWA-47
12/20/2010	<0.005	
2/1/2011	<0.005	
3/23/2011	<0.005	
4/27/2011	<0.005	
10/26/2011	<0.005	
5/1/2012	<0.005	
11/8/2012	<0.005	
5/7/2013	0.0087	
11/5/2013	<0.005	
5/23/2014	0.014 (O)	
11/7/2014	<0.005	
5/21/2015	<0.005	
11/12/2015	<0.005	
10/11/2016	<0.005	
4/7/2017	<0.005	
10/10/2017	<0.005	
3/22/2018	<0.005	
10/5/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	0.0049 (J)	
3/20/2020	<0.005	
9/11/2020	<0.005	
4/5/2021	<0.005	
8/13/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	<0.005	
2/28/2023		<0.005
8/3/2023		<0.005
3/4/2024		<0.005

Prediction Limit

Constituent: Zinc, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48	GWA-48
12/21/2010	<0.005	
2/14/2011	<0.005	
3/23/2011	<0.005	
4/27/2011	<0.005	
10/25/2011	<0.005	
5/1/2012	<0.005	
11/8/2012	<0.005	
5/7/2013	<0.005	
11/5/2013	<0.005	
5/23/2014	<0.005	
11/7/2014	<0.005	
5/21/2015	<0.005	
11/12/2015	<0.005	
4/7/2016	0.00287 (J)	
10/14/2016	<0.005	
4/7/2017	<0.005	
10/10/2017	<0.005	
3/23/2018	<0.005	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	0.0048 (J)	
3/19/2020	<0.005	
9/11/2020	<0.005	
4/5/2021	<0.005	
8/12/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	0.0039 (J)	
2/28/2023		<0.005
8/3/2023		<0.005
3/4/2024		<0.005

Prediction Limit

Constituent: Zinc, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49	GWA-49
12/21/2010	<0.005	
2/14/2011	<0.005	
3/21/2011	<0.005	
4/26/2011	<0.005	
10/26/2011	<0.005	
5/2/2012	<0.005	
11/8/2012	<0.005	
5/8/2013	<0.005	
11/5/2013	<0.005	
5/23/2014	<0.005	
11/7/2014	<0.005	
5/21/2015	<0.005	
11/12/2015	<0.005	
4/7/2016	0.00208 (J)	
10/11/2016	<0.005	
4/7/2017	<0.005	
10/10/2017	<0.005	
3/22/2018	<0.005	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	0.0041 (J)	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/6/2021	<0.005	
8/12/2021	<0.005	
2/14/2022	<0.005	
8/30/2022	<0.005	
3/1/2023		<0.005
8/3/2023		<0.005
3/4/2024		<0.005

Prediction Limit

Constituent: Zinc, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-29
12/22/2010	<0.005	
2/15/2011	<0.005	
3/22/2011	<0.005	
4/27/2011	<0.005	
10/26/2011	<0.005	
5/2/2012	<0.005	
11/8/2012	<0.005	
5/8/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/7/2014	<0.005	
5/22/2015	<0.005	
11/13/2015	<0.005	
4/11/2016	<0.005	
10/11/2016	<0.005	
4/10/2017	<0.005	
10/10/2017	<0.005	
3/26/2018	<0.005	
10/4/2018	<0.005	
3/28/2019	<0.005	
9/12/2019	0.0058	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/6/2021	<0.005	
8/13/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	<0.005	
3/1/2023		<0.005
8/3/2023		<0.005
3/4/2024		<0.005

Prediction Limit

Constituent: Zinc, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - Inrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-50	GWC-50
12/22/2010	<0.005	
2/15/2011	<0.005	
3/22/2011	<0.005	
4/27/2011	<0.005	
10/26/2011	<0.005	
5/2/2012	<0.005	
11/8/2012	<0.005	
5/8/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/8/2014	<0.005	
5/22/2015	<0.005	
11/13/2015	<0.005	
4/11/2016	<0.005	
10/11/2016	<0.005	
4/7/2017	<0.005	
10/10/2017	<0.005	
3/23/2018	<0.005	
10/4/2018	0.0076	
3/28/2019	<0.005	
9/12/2019	0.0057	
3/19/2020	0.0037 (J)	
9/10/2020	<0.005	
4/6/2021	<0.005	
8/13/2021	0.0053	
2/14/2022	<0.005	
8/31/2022	<0.005	
3/1/2023		0.016
5/2/2023		<0.005 (R)
8/3/2023		0.0033 (J)
3/4/2024		<0.005

Prediction Limit

Constituent: Zinc, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-51	GWC-51
12/22/2010	<0.005	
2/15/2011	<0.005	
3/22/2011	<0.005	
4/27/2011	<0.005	
10/26/2011	<0.005	
5/2/2012	<0.005	
11/8/2012	<0.005	
5/8/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/7/2014	<0.005	
5/22/2015	<0.005	
11/13/2015	<0.005	
4/11/2016	0.00333 (J)	
10/13/2016	<0.005	
4/10/2017	<0.005	
10/11/2017	<0.005	
3/26/2018	<0.005	
10/4/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	0.0042 (J)	
3/19/2020	<0.005	
9/11/2020	<0.005	
4/5/2021	<0.005	
8/13/2021	<0.005	
2/15/2022	<0.005	
8/31/2022	<0.005	
2/28/2023		<0.005
8/3/2023		0.0035 (J)
3/4/2024		<0.005

Prediction Limit

Constituent: Zinc, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-52	GWC-52
12/21/2010	<0.005	
2/15/2011	<0.005	
3/21/2011	<0.005	
4/28/2011	<0.005	
10/26/2011	<0.005	
5/1/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/7/2014	<0.005	
5/22/2015	<0.005	
11/13/2015	<0.005	
4/11/2016	<0.005	
10/13/2016	<0.005	
4/11/2017	0.0065 (J)	
10/11/2017	<0.005	
3/26/2018	<0.005	
10/4/2018	<0.005	
3/28/2019	<0.005	
9/12/2019	0.0073	
3/19/2020	<0.005	
9/11/2020	<0.005	
4/5/2021	<0.005	
8/17/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	<0.005	
3/1/2023		<0.005
8/3/2023		<0.005
3/4/2024		<0.005

Prediction Limit

Constituent: Zinc, Total (mg/L) Analysis Run 3/28/2024 11:53 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-53	GWC-53
12/20/2010	0.0095 (J)	
2/14/2011	0.0092 (J)	
3/21/2011	0.011 (J)	
4/27/2011	0.0096 (J)	
10/26/2011	0.011 (J)	
5/1/2012	0.012 (J)	
11/9/2012	0.014 (J)	
5/8/2013	0.016 (J)	
11/4/2013	0.014 (J)	
5/24/2014	0.013 (J)	
11/7/2014	0.014 (J)	
5/20/2015	0.015 (J)	
11/13/2015	0.015 (J)	
10/13/2016	0.015 (J)	
4/11/2017	0.015 (J)	
10/11/2017	0.019 (J)	
3/26/2018	0.016 (J)	
10/4/2018	0.017 (J)	
3/28/2019	0.013 (J)	
9/12/2019	0.02	
3/19/2020	0.014	
9/11/2020	0.014	
4/6/2021	0.014	
8/13/2021	0.017	
2/14/2022	0.014	
8/31/2022	0.015	
2/28/2023		0.014 (J)
8/3/2023		0.015
3/4/2024		0.013

FIGURE E.

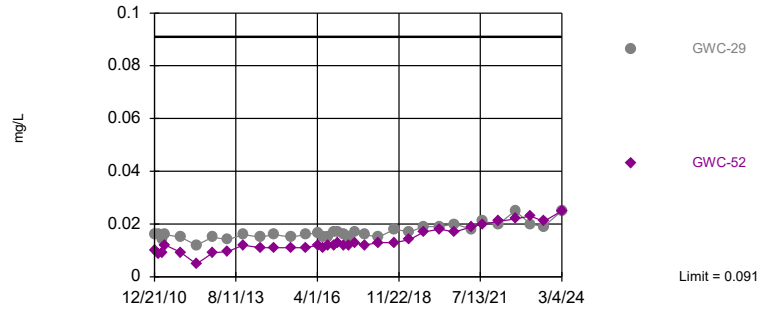
Appendix I Interwell Prediction Limits - Two-Step - All Results (No Significant)

Plant Scherer Data: Scherer PAC-CCR Printed 3/28/2024, 8:08 PM

<u>Constituent</u>	<u>Well</u>	<u>Upper Lim.</u>	<u>Lower Lim.</u>	<u>Date</u>	<u>Observ.</u>	<u>Sig.</u>	<u>Bg</u>	<u>NBg</u>	<u>Mean</u>	<u>Std. Dev.</u>	<u>%NDs</u>	<u>ND Adj.</u>	<u>Transform</u>	<u>Alpha</u>	<u>Method</u>
Barium, Total (mg/L)	GWC-29	0.091	n/a	3/4/2024	0.025	No	236	n/a	n/a	0	n/a	n/a	0.0000492	NP Inter (normality)	1 of 2
Barium, Total (mg/L)	GWC-52	0.091	n/a	3/4/2024	0.025	No	236	n/a	n/a	0	n/a	n/a	0.0000492	NP Inter (normality)	1 of 2
Chromium, Total (mg/L)	GWC-52	0.045	n/a	3/4/2024	0.033	No	243	n/a	n/a	17.7	n/a	n/a	0.0000492	NP Inter (normality)	1 of 2

Within Limit

Prediction Limit Interwell Non-parametric



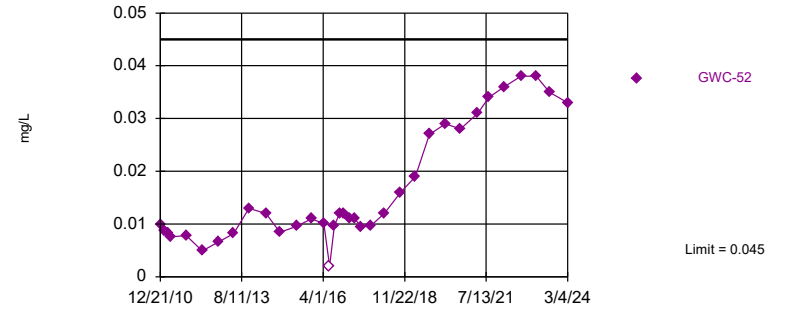
Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 236 background values. Annual per-constituent alpha = 0.0004919. Individual comparison alpha = 0.0000492 (1 of 2). Comparing 2 points to limit. Assumes 3 future values.

Constituent: Barium, Total Analysis Run 3/28/2024 8:07 PM View: Appendix I - Two-Step
Plant Scherer Data: Scherer PAC-CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 243 background values. 17.7% NDs. Annual per-constituent alpha = 0.0004919. Individual comparison alpha = 0.0000492 (1 of 2). Assumes 4 future values.

Constituent: Chromium, Total Analysis Run 3/28/2024 8:07 PM View: Appendix I - Two-Step
Plant Scherer Data: Scherer PAC-CCR

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 3/28/2024 8:08 PM View: Appendix I - Two-Step

Plant Scherer Data: Scherer PAC-CCR

	GWA-46 (bg)	GWA-45 (bg)	GWA-47 (bg)	GWC-52	GWA-49 (bg)	GWC-29	GWA-21 (bg)	GWA-22 (bg)	GWA-48 (bg)
12/20/2010	0.019 (J)	0.024 (J)	0.029 (J)						
12/21/2010				0.01 (J)	0.021 (J)				0.055 (O)
12/22/2010						0.016 (J)	0.026 (J)	0.028 (J)	
2/1/2011	0.017 (J)		0.038 (J)						
2/14/2011		0.023 (J)			0.021 (J)		0.022 (J)	0.025 (J)	0.05 (O)
2/15/2011				0.0086 (J)		0.016 (J)			
3/21/2011	0.019 (J)	0.021 (J)		0.009 (J)	0.021 (J)				
3/22/2011						0.014 (J)	0.02 (J)	0.029 (J)	
3/23/2011			0.045 (J)						0.031 (J)
4/26/2011	0.02 (J)	0.019 (J)			0.021 (J)		0.019 (J)	0.031 (J)	
4/27/2011			0.043 (J)			0.016 (J)			0.015 (J)
4/28/2011				0.012 (J)					
10/25/2011									0.02
10/26/2011		0.023	0.023	0.0093 (J)	0.019	0.015			
10/27/2011	0.018						0.021	0.027	
5/1/2012		0.014	0.021	0.0048 (J)			0.017	0.022	0.017
5/2/2012	0.017				0.018	0.012			
11/8/2012	0.048 (O)	0.034	0.038		0.018	0.015	0.023	0.024	0.012
11/9/2012				0.0091 (J)					
5/7/2013	0.02		0.042				0.021	0.027	0.022
5/8/2013		0.016		0.0096 (J)	0.017	0.014			
11/4/2013	0.019	0.014		0.012		0.016	0.018	0.024	
11/5/2013			0.039		0.019				0.012
5/23/2014			0.088 (O)		0.021				0.02
5/24/2014	0.019	0.027		0.011		0.015	0.022	0.025	
11/7/2014	0.019	0.03	0.027	0.011	0.019	0.016			0.012
11/8/2014							0.02	0.023	
5/20/2015	0.018	0.029							
5/21/2015			0.036		0.02		0.022	0.023	0.011
5/22/2015				0.011		0.015			
11/12/2015			0.038		0.019				0.012
11/13/2015	0.02	0.041		0.011		0.016	0.025	0.023	
4/6/2016							0.0239		
4/7/2016	0.0207	0.0381			0.0201				0.0116
4/8/2016			0.0261					0.0244	
4/11/2016				0.012		0.0167			
6/14/2016	0.019	0.034	0.023		0.017		0.021	0.023	
6/15/2016						0.015			
6/16/2016				0.011					
6/17/2016									0.012
8/9/2016	0.017	0.032	0.026		0.017			0.026	
8/10/2016						0.015	0.019		0.012
8/11/2016				0.012					
10/10/2016	0.02	0.037							
10/11/2016			0.03		0.02	0.017	0.02	0.022	
10/13/2016				0.012					
10/14/2016									0.016
12/2/2016	0.02	0.038			0.02		0.022		
12/5/2016			0.026	0.013		0.017		0.025	
12/19/2016									0.012
2/9/2017		0.048			0.018				
2/10/2017	0.018		0.023				0.03	0.026	

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 3/28/2024 8:08 PM View: Appendix I - Two-Step
 Plant Scherer Data: Scherer PAC-CCR

	GWA-46 (bg)	GWA-45 (bg)	GWA-47 (bg)	GWC-52	GWA-49 (bg)	GWC-29	GWA-21 (bg)	GWA-22 (bg)	GWA-48 (bg)
2/13/2017				0.012		0.016			0.017
4/7/2017	0.02	0.045	0.024		0.018			0.021	0.011
4/10/2017						0.015	0.025		
4/11/2017				0.012					
6/22/2017		0.049	0.025		0.02				0.014
6/23/2017	0.021					0.017	0.026		
6/24/2017				0.013					
6/26/2017								0.028	
10/9/2017							0.025	0.021	
10/10/2017	0.018	0.044	0.022		0.02	0.016			0.012
10/11/2017				0.012					
3/22/2018		0.0495 (D)	0.024		0.018				
3/23/2018	0.02								0.012
3/26/2018				0.013		0.015	0.026	0.022 (D)	
10/3/2018		0.042			0.018		0.00049 (O)	0.022	0.012
10/4/2018	0.019			0.013		0.018			
10/5/2018			0.026						
3/27/2019	0.021	0.057	0.026		0.019		0.024	0.022	0.013
3/28/2019				0.014		0.017			
9/12/2019	0.022	0.1 (L)	0.028	0.017	0.022	0.019	0.025	0.023	0.016
12/2/2019		0.11 (RL)							
3/19/2020	0.023	0.11 (L)		0.018	0.02	0.019	0.027	0.024	0.02
3/20/2020			0.029						
9/10/2020					0.02	0.02	0.023	0.022	
9/11/2020	0.022	0.15 (L)	0.026	0.017					0.013
4/2/2021		0.11 (L)					0.02	0.023	
4/5/2021	0.022		0.028	0.019					0.015
4/6/2021					0.02	0.018			
8/12/2021	0.023	0.091			0.024		0.023	0.024	0.013
8/13/2021			0.026			0.021			
8/17/2021				0.02					
2/14/2022	0.024	0.077	0.029	0.021	0.022	0.02	0.024		0.014
2/15/2022								0.032	
8/26/2022							0.026	0.021	
8/30/2022					0.021				
8/31/2022	0.022	0.065	0.031	0.022		0.025			0.016
2/28/2023	0.022	0.056	0.027				0.022	0.02	0.014
3/1/2023				0.023	0.019	0.02			
8/2/2023							0.018		
8/3/2023	0.021	0.055	0.027	0.021	0.02	0.019		0.018	0.013
2/29/2024							0.021		
3/4/2024	0.022	0.057	0.032	0.025	0.019	0.025		0.022	0.015

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 3/28/2024 8:08 PM View: Appendix I - Two-Step

Plant Scherer Data: Scherer PAC-CCR

	GWA-47 (bg)	GWA-46 (bg)	GWA-45 (bg)	GWC-52	GWA-49 (bg)	GWA-48 (bg)	GWA-22 (bg)	GWA-21 (bg)
12/20/2010	0.0064	0.0036 (J)	<0.002					
12/21/2010				0.01	0.0073	0.0094		
12/22/2010							0.0029 (J)	0.0052
2/1/2011	0.015	0.0037 (J)						
2/14/2011			<0.002		0.0051	0.028	0.0027 (J)	0.0057
2/15/2011				0.0087				
3/21/2011		0.004 (J)	<0.002	0.0083	0.0067			
3/22/2011							0.0049 (J)	0.0055
3/23/2011	0.0084					0.0042 (J)		
4/26/2011		0.0037 (J)	<0.002		0.0065		0.0048 (J)	0.0069
4/27/2011	0.011					<0.002		
4/28/2011				0.0076				
10/25/2011						0.0062		
10/26/2011	0.0061		<0.002	0.0078	0.0068			
10/27/2011		0.0047 (J)					0.0023 (J)	0.011
5/1/2012	0.0072		<0.002	0.0049 (J)		0.011	0.0051	0.0056
5/2/2012		0.005 (J)			0.011			
11/8/2012	0.015	0.0081	<0.002		0.0052	0.0089	0.0034 (J)	<0.002
11/9/2012				0.0066				
5/7/2013	0.044	0.0035 (J)				0.019	0.0078	0.0036 (J)
5/8/2013			<0.002	0.0082	0.0059			
11/4/2013		0.0056 (J)	<0.002	0.013			0.0055 (J)	0.0032 (J)
11/5/2013	0.023				0.0044 (J)	0.0057 (J)		
5/23/2014	0.022				0.0087 (J)	0.0084 (J)		
5/24/2014		0.005 (J)	<0.002	0.012			0.0075 (J)	0.0043 (J)
11/7/2014	0.013	0.004 (J)	<0.002	0.0084 (J)	0.0048 (J)	0.011		
11/8/2014							0.0048 (J)	<0.002
5/20/2015		0.0062 (J)	0.0025 (O)					
5/21/2015	0.029				0.006 (J)	0.013	0.0082 (J)	0.002 (J)
5/22/2015				0.0096 (J)				
11/12/2015	0.045				0.007 (J)	0.015		
11/13/2015		0.0067 (J)	0.0042 (O)	0.011			0.0079 (J)	<0.002
4/6/2016								0.00278 (J)
4/7/2016		0.00467 (J)	<0.002		0.0056 (J)	0.00498 (J)		
4/8/2016	<0.002						<0.002	
4/11/2016				0.0101				
6/14/2016	<0.002	<0.002	<0.002		<0.002		<0.002	<0.002
6/16/2016				<0.002				
6/17/2016						<0.002		
8/9/2016	0.008	0.0041	<0.002		0.0053		0.0079	
8/10/2016						0.0047		0.0019 (J)
8/11/2016				0.0097				
10/10/2016		0.0041	<0.002					
10/11/2016	0.0079				0.0058		0.0069	0.0024 (J)
10/13/2016				0.012				
10/14/2016						0.0056		
12/2/2016		0.0039	<0.002		0.0071			0.0023 (J)
12/5/2016	0.0057			0.012			0.0077	
12/19/2016						0.0039		
2/9/2017			<0.002		0.0051			
2/10/2017	0.0062	0.0044					0.0098	0.0021 (J)
2/13/2017				0.011		0.0059		

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 3/28/2024 8:08 PM View: Appendix I - Two-Step
 Plant Scherer Data: Scherer PAC-CCR

	GWA-47 (bg)	GWA-46 (bg)	GWA-45 (bg)	GWC-52	GWA-49 (bg)	GWA-48 (bg)	GWA-22 (bg)	GWA-21 (bg)
4/7/2017	0.0072	0.0046	<0.002		0.006	0.0051	0.0081	
4/10/2017								0.002 (J)
4/11/2017				0.011				
6/22/2017	0.0074		<0.002		0.0056	0.005		
6/23/2017		0.005						0.0018 (J)
6/24/2017				0.0095				
6/26/2017							0.0084	
10/9/2017							0.0082	0.0016 (J)
10/10/2017	0.0072	0.0088	<0.002		0.0073	0.005		
10/11/2017				0.0096				
3/22/2018	0.0074		<0.002 (D)		0.0051			
3/23/2018		0.0045				0.005		
3/26/2018				0.012			0.0088	0.0011 (J)
10/3/2018			<0.002		0.0052	0.0051	0.0086	0.0014 (J)
10/4/2018		0.0047		0.016				
10/5/2018	0.0083							
3/27/2019	0.0081	0.0048	<0.002		0.0056	0.0051	0.0078	0.003
3/28/2019				0.019				
9/12/2019	0.0088	0.0051	<0.002	0.027	0.0075	0.0085	0.0092	0.0047
3/19/2020		0.0043	<0.002	0.029	0.0055	0.0063	0.011	0.0026
3/20/2020	0.0085							
9/10/2020					0.0063		0.0077	0.0019 (J)
9/11/2020	0.0081	0.0042	<0.002	0.028		0.0053		
4/2/2021			<0.002				0.01	0.0029
4/5/2021	0.0084	0.0041		0.031		0.0061		
4/6/2021					0.0055			
8/12/2021		0.0045	<0.002		0.0096	0.0058	0.008	0.0016 (J)
8/13/2021	0.0082							
8/17/2021				0.034				
2/14/2022	0.0086	0.0047	<0.002	0.036	0.0076	0.0058		0.0026
2/15/2022							0.013	
8/26/2022							0.0078	0.0016 (J)
8/30/2022					0.0064			
8/31/2022	0.0084	0.0048	<0.002	0.038		0.0059		
2/28/2023	0.0084	0.0047	<0.002			0.0058	0.01	0.0024
3/1/2023				0.038	0.0057			
8/2/2023								0.0028
8/3/2023	0.0092	0.0053	0.0012 (J)	0.035	0.0065	0.0056	0.0089	
2/29/2024								0.0021
3/4/2024	0.01	0.0048	0.0016 (J)	0.033	0.006	0.0063	0.011	

FIGURE F.

Appendix I Trend Tests Summary - Significant Results

Plant Scherer Data: Scherer PAC-CCR Printed 3/28/2024, 8:10 PM

<u>Constituent</u>	<u>Well</u>	<u>Slope</u>	<u>Calc.</u>	<u>Critical</u>	<u>Sig.</u>	<u>N</u>	<u>%NDs</u>	<u>Normality</u>	<u>Alpha</u>	<u>Method</u>
Barium, Total (mg/L)	GWA-22 (bg)	-0.0003928	-232	-184	Yes	35	0	n/a	0.01	NP
Barium, Total (mg/L)	GWA-45 (bg)	0.003807	333	152	Yes	31	0	n/a	0.01	NP
Barium, Total (mg/L)	GWA-46 (bg)	0.000342	299	176	Yes	34	0	n/a	0.01	NP
Barium, Total (mg/L)	GWC-29	0.0005052	360	184	Yes	35	0	n/a	0.01	NP
Barium, Total (mg/L)	GWC-52	0.001046	485	184	Yes	35	0	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-21 (bg)	-0.0003133	-297	-184	Yes	35	11.43	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-22 (bg)	0.0005121	377	184	Yes	35	5.714	n/a	0.01	NP
Chromium, Total (mg/L)	GWC-52	0.002259	396	184	Yes	35	2.857	n/a	0.01	NP

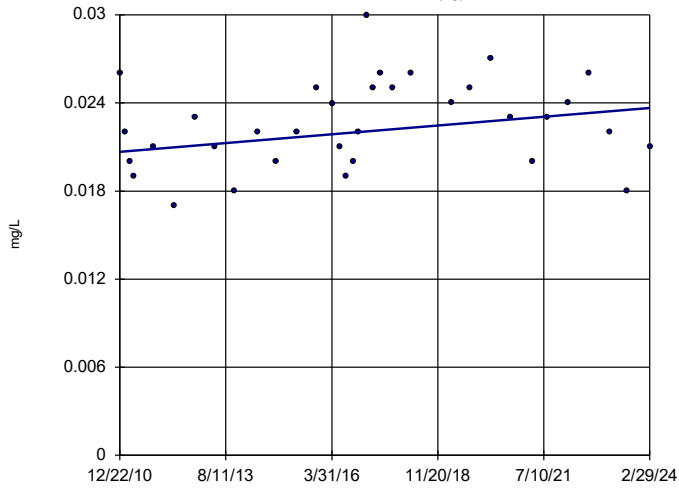
Appendix I Trend Tests Summary - All Results

Plant Scherer Data: Scherer PAC-CCR Printed 3/28/2024, 8:10 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Barium, Total (mg/L)	GWA-21 (bg)	0.0002252	103	176	No	34	0	n/a	0.01	NP
Barium, Total (mg/L)	GWA-22 (bg)	-0.0003928	-232	-184	Yes	35	0	n/a	0.01	NP
Barium, Total (mg/L)	GWA-45 (bg)	0.003807	333	152	Yes	31	0	n/a	0.01	NP
Barium, Total (mg/L)	GWA-46 (bg)	0.000342	299	176	Yes	34	0	n/a	0.01	NP
Barium, Total (mg/L)	GWA-47 (bg)	-0.0002967	-68	-176	No	34	0	n/a	0.01	NP
Barium, Total (mg/L)	GWA-48 (bg)	0	3	167	No	33	0	n/a	0.01	NP
Barium, Total (mg/L)	GWA-49 (bg)	0	34	184	No	35	0	n/a	0.01	NP
Barium, Total (mg/L)	GWC-29	0.0005052	360	184	Yes	35	0	n/a	0.01	NP
Barium, Total (mg/L)	GWC-52	0.001046	485	184	Yes	35	0	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-21 (bg)	-0.0003133	-297	-184	Yes	35	11.43	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-22 (bg)	0.0005121	377	184	Yes	35	5.714	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-45 (bg)	0	-61	-167	No	33	93.94	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-46 (bg)	0.00004906	104	184	No	35	2.857	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-47 (bg)	0.00004195	36	184	No	35	5.714	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-48 (bg)	-0.00005835	-53	-184	No	35	5.714	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-49 (bg)	0.00003566	34	184	No	35	2.857	n/a	0.01	NP
Chromium, Total (mg/L)	GWC-52	0.002259	396	184	Yes	35	2.857	n/a	0.01	NP

Sen's Slope Estimator

GWA-21 (bg)

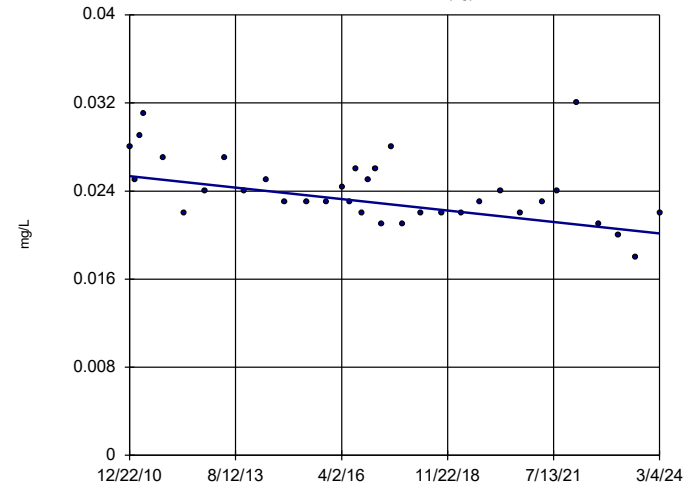


n = 34
 Slope = 0.0002252
 units per year.
 Mann-Kendall
 statistic = 103
 critical = 176
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Barium, Total Analysis Run 3/28/2024 8:09 PM View: Appendix I - Trend Tests
 Plant Scherer Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-22 (bg)

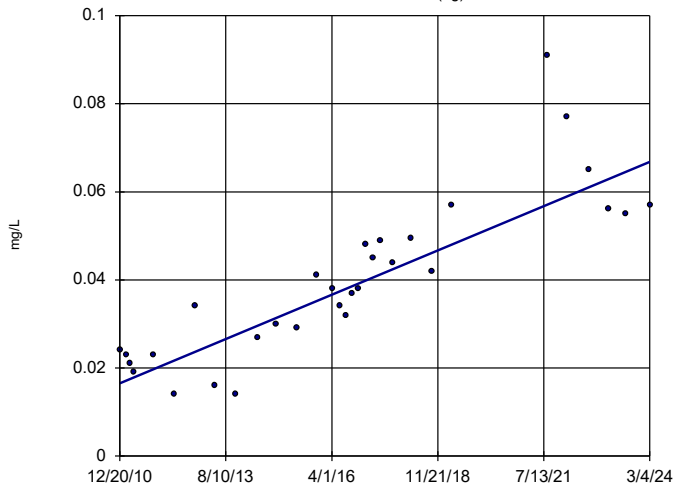


n = 35
 Slope = -0.0003928
 units per year.
 Mann-Kendall
 statistic = -232
 critical = -184
 Decreasing trend
 significant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Barium, Total Analysis Run 3/28/2024 8:09 PM View: Appendix I - Trend Tests
 Plant Scherer Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-45 (bg)

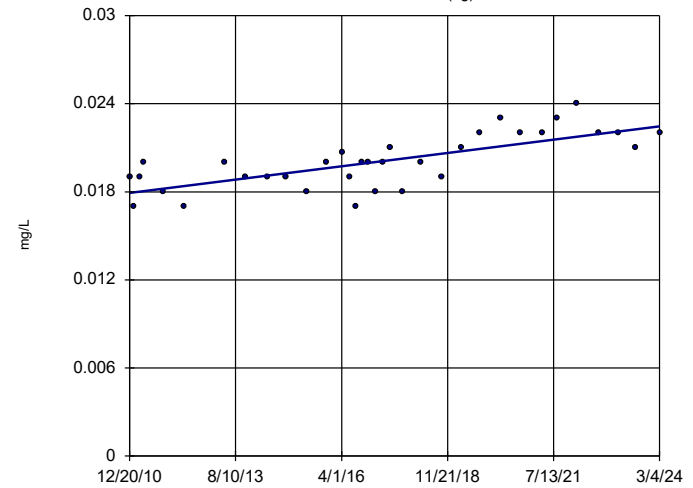


n = 31
 Slope = 0.003807
 units per year.
 Mann-Kendall
 statistic = 333
 critical = 152
 Increasing trend
 significant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Barium, Total Analysis Run 3/28/2024 8:09 PM View: Appendix I - Trend Tests
 Plant Scherer Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-46 (bg)

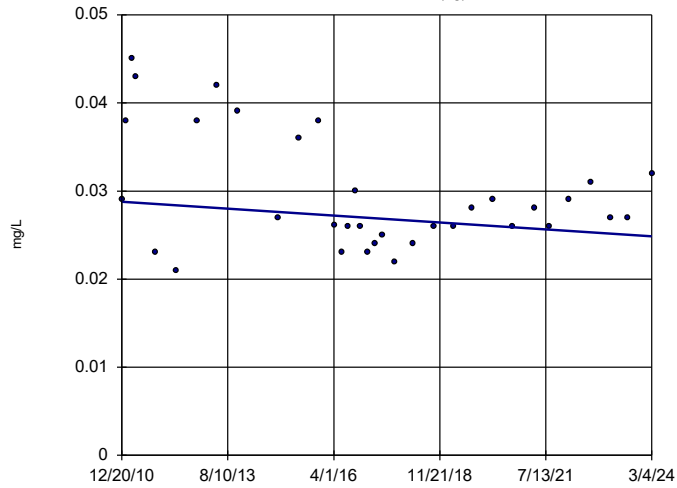


n = 34
 Slope = 0.000342
 units per year.
 Mann-Kendall
 statistic = 299
 critical = 176
 Increasing trend
 significant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Barium, Total Analysis Run 3/28/2024 8:09 PM View: Appendix I - Trend Tests
 Plant Scherer Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-47 (bg)

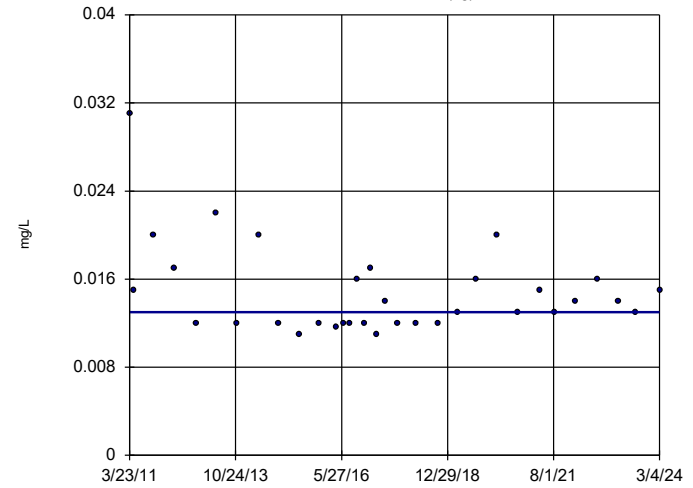


n = 34
Slope = -0.0002967
units per year.
Mann-Kendall
statistic = -68
critical = -176
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Barium, Total Analysis Run 3/28/2024 8:09 PM View: Appendix I - Trend Tests
Plant Scherer Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-48 (bg)

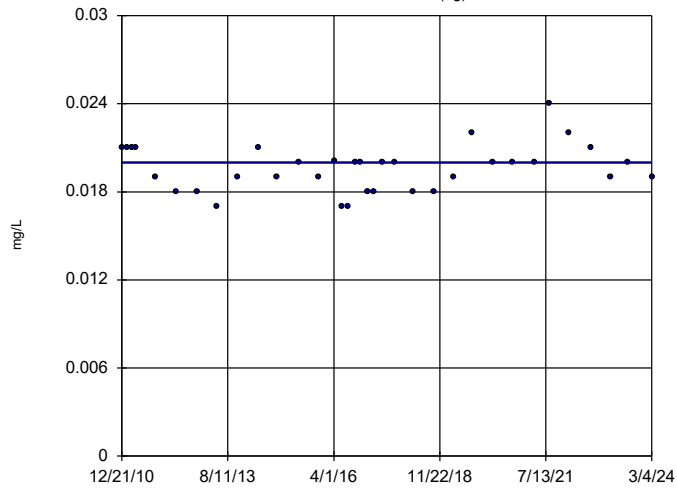


n = 33
Slope = 0
units per year.
Mann-Kendall
statistic = 3
critical = 167
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Barium, Total Analysis Run 3/28/2024 8:09 PM View: Appendix I - Trend Tests
Plant Scherer Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-49 (bg)

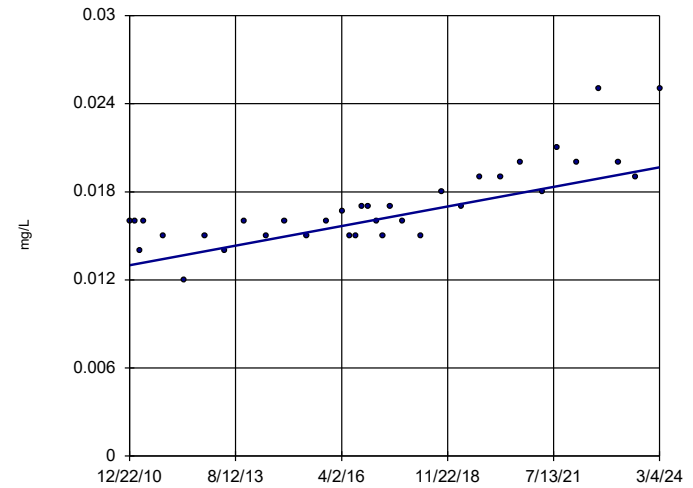


n = 35
Slope = 0
units per year.
Mann-Kendall
statistic = 34
critical = 184
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Barium, Total Analysis Run 3/28/2024 8:09 PM View: Appendix I - Trend Tests
Plant Scherer Data: Scherer PAC-CCR

Sen's Slope Estimator

GWC-29

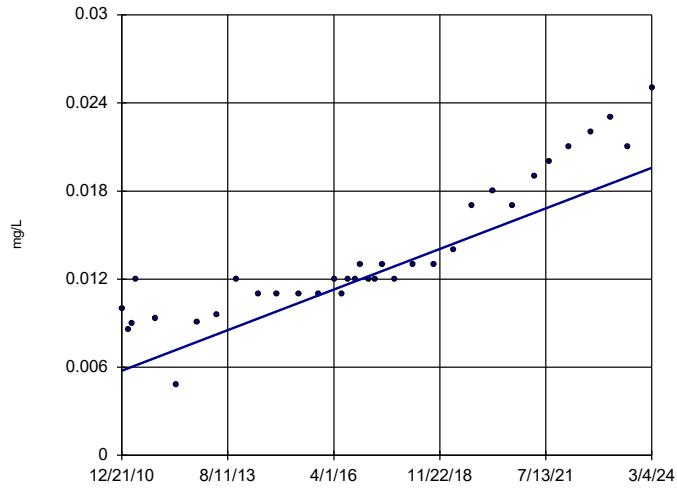


n = 35
Slope = 0.0005052
units per year.
Mann-Kendall
statistic = 360
critical = 184
Increasing trend
significant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Barium, Total Analysis Run 3/28/2024 8:09 PM View: Appendix I - Trend Tests
Plant Scherer Data: Scherer PAC-CCR

Sen's Slope Estimator

GWC-52

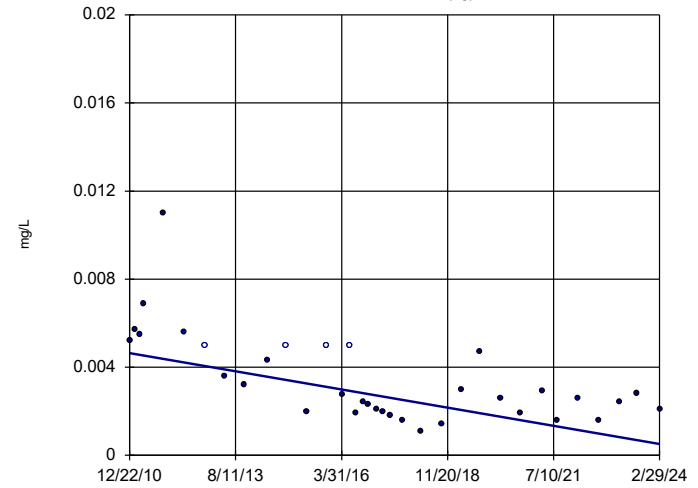


n = 35
 Slope = 0.001046
 units per year.
 Mann-Kendall
 statistic = 485
 critical = 184
 Increasing trend
 significant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Barium, Total Analysis Run 3/28/2024 8:09 PM View: Appendix I - Trend Tests
 Plant Scherer Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-21 (bg)

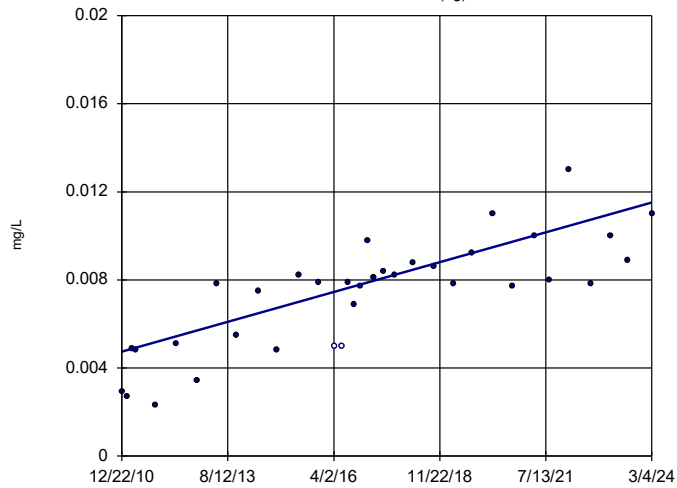


n = 35
 Slope = -0.0003133
 units per year.
 Mann-Kendall
 statistic = -297
 critical = -184
 Decreasing trend
 significant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Chromium, Total Analysis Run 3/28/2024 8:09 PM View: Appendix I - Trend Tests
 Plant Scherer Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-22 (bg)

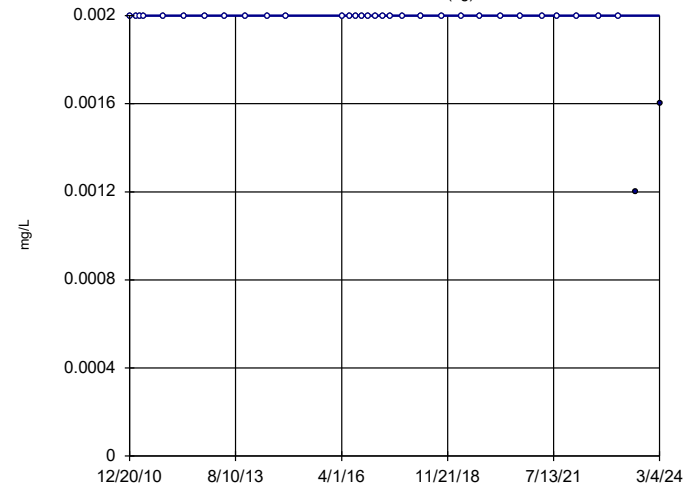


n = 35
 Slope = 0.0005121
 units per year.
 Mann-Kendall
 statistic = 377
 critical = 184
 Increasing trend
 significant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Chromium, Total Analysis Run 3/28/2024 8:09 PM View: Appendix I - Trend Tests
 Plant Scherer Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-45 (bg)

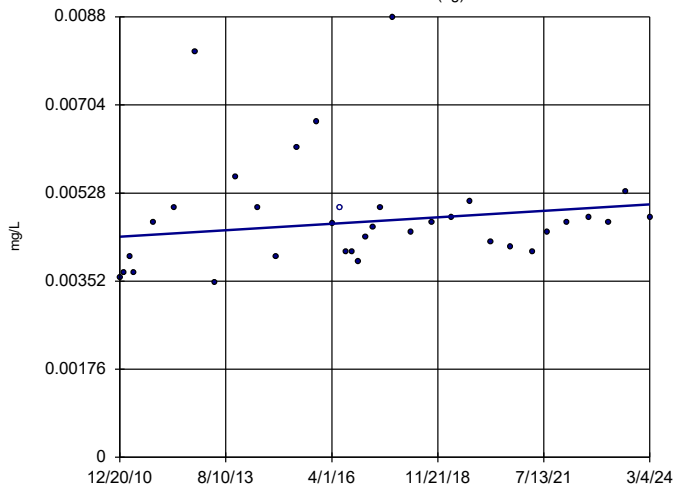


n = 33
 Slope = 0
 units per year.
 Mann-Kendall
 statistic = -61
 critical = -167
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Chromium, Total Analysis Run 3/28/2024 8:09 PM View: Appendix I - Trend Tests
 Plant Scherer Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-46 (bg)

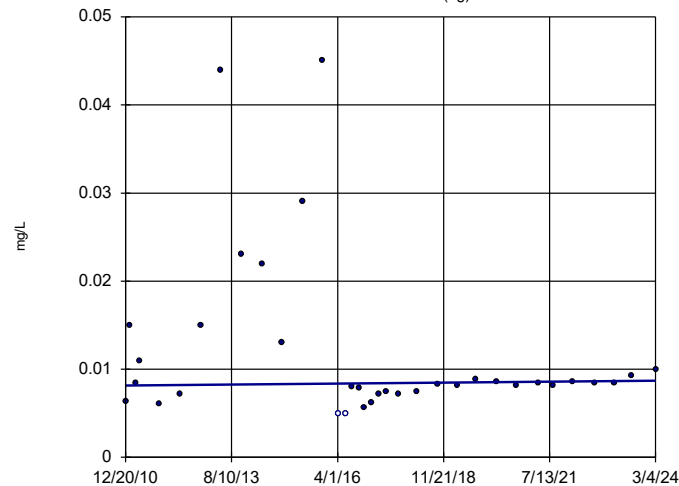


n = 35
Slope = 0.00004906
units per year.
Mann-Kendall
statistic = 104
critical = 184
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Chromium, Total Analysis Run 3/28/2024 8:09 PM View: Appendix I - Trend Tests
Plant Scherer Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-47 (bg)

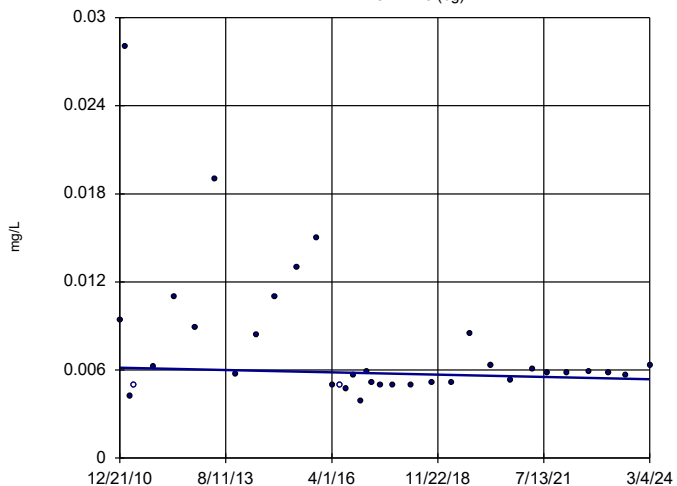


n = 35
Slope = 0.00004195
units per year.
Mann-Kendall
statistic = 36
critical = 184
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Chromium, Total Analysis Run 3/28/2024 8:09 PM View: Appendix I - Trend Tests
Plant Scherer Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-48 (bg)

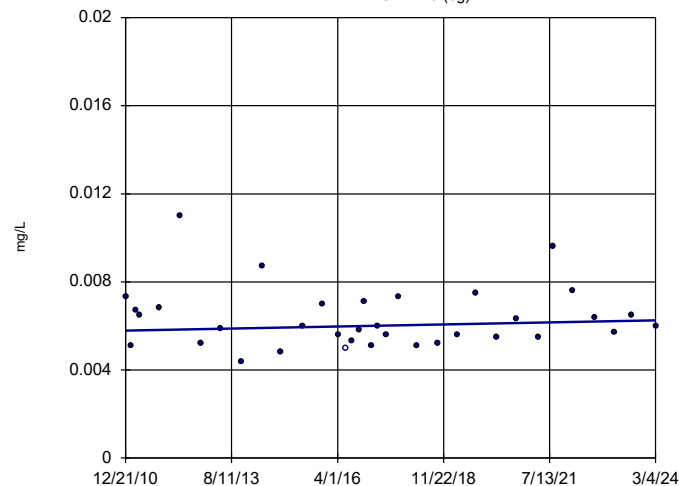


n = 35
Slope = -0.00005835
units per year.
Mann-Kendall
statistic = -53
critical = -184
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Chromium, Total Analysis Run 3/28/2024 8:09 PM View: Appendix I - Trend Tests
Plant Scherer Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-49 (bg)

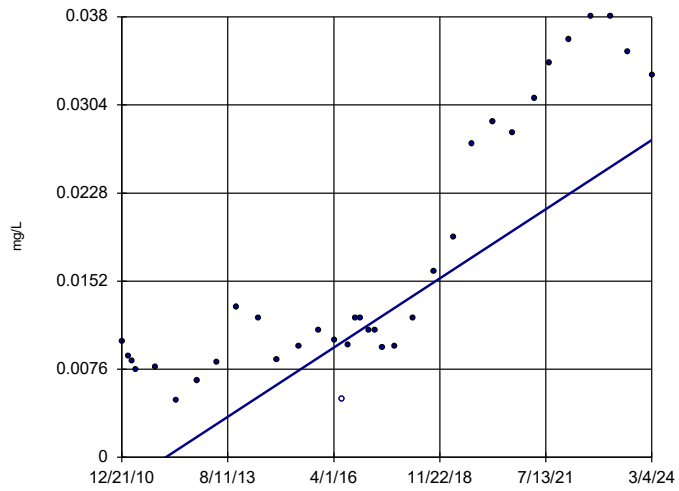


n = 35
Slope = 0.00003566
units per year.
Mann-Kendall
statistic = 34
critical = 184
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Chromium, Total Analysis Run 3/28/2024 8:09 PM View: Appendix I - Trend Tests
Plant Scherer Data: Scherer PAC-CCR

Sen's Slope Estimator

GWC-52



n = 35
Slope = 0.002259
units per year.
Mann-Kendall
statistic = 396
critical = 184
Increasing trend
significant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Chromium, Total Analysis Run 3/28/2024 8:09 PM View: Appendix I - Trend Tests
Plant Scherer Data: Scherer PAC-CCR

FIGURE G.

Appendix III Intrawell Prediction Limits - Significant Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 3/28/2024, 12:20 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Calcium (mg/L)	GWA-22	10.02	n/a	3/4/2024	11	Yes	19	7.211	1.352	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWA-47	13	n/a	3/4/2024	15	Yes	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality) 1 of 2
Calcium (mg/L)	GWC-29	17	n/a	3/4/2024	18	Yes	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality) 1 of 2
Calcium (mg/L)	GWC-51	7.914	n/a	3/4/2024	8.1	Yes	19	6.811	0.5301	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWC-52	22.55	n/a	3/4/2024	28	Yes	19	15.64	3.322	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWA-45	13	n/a	3/4/2024	14	Yes	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality) 1 of 2
Chloride (mg/L)	GWC-51	8.175	n/a	3/4/2024	8.4	Yes	18	1.945	0.07427	0	None	ln(x)	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWC-53	13	n/a	3/4/2024	15	Yes	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality) 1 of 2
pH (S.U.)	GWA-22	6.307	5.548	3/4/2024	6.41	Yes	22	5.928	0.187	0	None	No	0.000752	Param Intra 1 of 2
pH (S.U.)	GWA-45	6.48	5.92	3/4/2024	6.54	Yes	23	n/a	n/a	0	n/a	n/a	0.006831	NP Intra (normality) 1 of 2
pH (S.U.)	GWC-29	6.3	5.72	3/4/2024	6.52	Yes	23	n/a	n/a	0	n/a	n/a	0.006831	NP Intra (normality) 1 of 2
pH (S.U.)	GWC-52	6.787	6.53	3/4/2024	7.01	Yes	25	6.659	0.06463	0	None	No	0.000752	Param Intra 1 of 2
pH (S.U.)	GWC-53	5.752	5.445	3/4/2024	5.9	Yes	23	5.598	0.07608	0	None	No	0.000752	Param Intra 1 of 2
Sulfate (mg/L)	GWA-21	2.686	n/a	2/29/2024	2.8	Yes	19	1.398	0.6191	5.263	None	No	0.001504	Param Intra 1 of 2
Sulfate (mg/L)	GWC-51	2.7	n/a	3/4/2024	2.9	Yes	19	n/a	n/a	52.63	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-52	26.35	n/a	3/4/2024	90	Yes	11	12.57	5.74	9.091	None	No	0.001504	Param Intra 1 of 2
Sulfate (mg/L)	GWC-53	170	n/a	3/4/2024	180	Yes	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality) 1 of 2

Appendix III Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 3/28/2024, 12:20 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NB	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	GWA-21	0.08	n/a	2/29/2024	0.08ND	No	19	n/a	n/a	89.47	n/a	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-22	0.08	n/a	3/4/2024	0.033J	No	19	n/a	n/a	100	n/a	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-45	1.35	n/a	3/4/2024	0.98	No	10	0.932	0.1688	0	None	No	0.001504	Param Intra 1 of 2	
Boron (mg/L)	GWA-46	0.08	n/a	3/4/2024	0.022J	No	19	n/a	n/a	100	n/a	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-47	0.08	n/a	3/4/2024	0.08ND	No	19	n/a	n/a	94.74	n/a	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-48	0.08	n/a	3/4/2024	0.08ND	No	19	n/a	n/a	94.74	n/a	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-49	0.08	n/a	3/4/2024	0.08ND	No	19	n/a	n/a	100	n/a	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-29	0.08	n/a	3/4/2024	0.08ND	No	19	n/a	n/a	94.74	n/a	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-50	0.08	n/a	3/4/2024	0.08ND	No	19	n/a	n/a	100	n/a	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-51	0.08	n/a	3/4/2024	0.036J	No	19	n/a	n/a	100	n/a	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-52	0.08	n/a	3/4/2024	0.023J	No	19	n/a	n/a	100	n/a	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-53	1.09	n/a	3/4/2024	0.97	No	19	0.946	0.06939	0	None	No	0.001504	Param Intra 1 of 2	
Calcium (mg/L)	GWA-21	11.24	n/a	2/29/2024	6.7	No	19	8.656	1.24	0	None	No	0.001504	Param Intra 1 of 2	
Calcium (mg/L)	GWA-22	10.02	n/a	3/4/2024	11	Yes	19	7.211	1.352	0	None	No	0.001504	Param Intra 1 of 2	
Calcium (mg/L)	GWA-45	47.22	n/a	3/4/2024	25	No	19	34.49	6.119	0	None	No	0.001504	Param Intra 1 of 2	
Calcium (mg/L)	GWA-46	7.062	n/a	3/4/2024	6.8	No	19	5.804	0.6047	0	None	No	0.001504	Param Intra 1 of 2	
Calcium (mg/L)	GWA-47	13	n/a	3/4/2024	15	Yes	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality) 1 of 2	
Calcium (mg/L)	GWA-48	14	n/a	3/4/2024	13	No	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality) 1 of 2	
Calcium (mg/L)	GWA-49	16	n/a	3/4/2024	14	No	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality) 1 of 2	
Calcium (mg/L)	GWC-29	17	n/a	3/4/2024	18	Yes	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality) 1 of 2	
Calcium (mg/L)	GWC-50	8.1	n/a	3/4/2024	7.9	No	19	7.149	0.4569	0	None	No	0.001504	Param Intra 1 of 2	
Calcium (mg/L)	GWC-51	7.914	n/a	3/4/2024	8.1	Yes	19	6.811	0.5301	0	None	No	0.001504	Param Intra 1 of 2	
Calcium (mg/L)	GWC-52	22.55	n/a	3/4/2024	28	Yes	19	15.64	3.322	0	None	No	0.001504	Param Intra 1 of 2	
Calcium (mg/L)	GWC-53	20.32	n/a	3/4/2024	19	No	19	298.6	54.84	0	None	x^2	0.001504	Param Intra 1 of 2	
Chloride (mg/L)	GWA-21	4.416	n/a	2/29/2024	3.7	No	19	3.412	0.4825	0	None	No	0.001504	Param Intra 1 of 2	
Chloride (mg/L)	GWA-22	4.767	n/a	3/4/2024	1.8	No	19	1.638	0.2622	0	None	sqrt(x)	0.001504	Param Intra 1 of 2	
Chloride (mg/L)	GWA-45	13	n/a	3/4/2024	14	Yes	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality) 1 of 2	
Chloride (mg/L)	GWA-46	5.759	n/a	3/4/2024	5.4	No	19	3.853	0.9159	0	None	No	0.001504	Param Intra 1 of 2	
Chloride (mg/L)	GWA-47	1.847	n/a	3/4/2024	1.8	No	19	1.514	0.16	0	None	No	0.001504	Param Intra 1 of 2	
Chloride (mg/L)	GWA-48	2.016	n/a	3/4/2024	1.8	No	18	1.741	0.1305	0	None	No	0.001504	Param Intra 1 of 2	
Chloride (mg/L)	GWA-49	2.36	n/a	3/4/2024	2	No	19	2.083	0.1331	0	None	No	0.001504	Param Intra 1 of 2	
Chloride (mg/L)	GWC-29	4.103	n/a	3/4/2024	3.4	No	18	3.433	0.3181	0	None	No	0.001504	Param Intra 1 of 2	
Chloride (mg/L)	GWC-50	2.1	n/a	3/4/2024	1.9	No	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality) 1 of 2	
Chloride (mg/L)	GWC-51	8.175	n/a	3/4/2024	8.4	Yes	18	1.945	0.07427	0	None	In(x)	0.001504	Param Intra 1 of 2	
Chloride (mg/L)	GWC-52	8.528	n/a	3/4/2024	8.1	No	18	7.906	0.296	0	None	No	0.001504	Param Intra 1 of 2	
Chloride (mg/L)	GWC-53	13	n/a	3/4/2024	15	Yes	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality) 1 of 2	
Fluoride (mg/L)	GWA-21	0.1	n/a	2/29/2024	0.1ND	No	19	n/a	n/a	52.63	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2	
Fluoride (mg/L)	GWA-22	0.1	n/a	3/4/2024	0.1ND	No	19	n/a	n/a	57.89	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2	
Fluoride (mg/L)	GWA-45	0.1	n/a	3/4/2024	0.1ND	No	19	n/a	n/a	73.68	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2	
Fluoride (mg/L)	GWA-46	0.11	n/a	3/4/2024	0.1ND	No	19	n/a	n/a	68.42	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2	
Fluoride (mg/L)	GWA-47	0.1	n/a	3/4/2024	0.1ND	No	19	n/a	n/a	63.16	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2	
Fluoride (mg/L)	GWA-48	0.1	n/a	3/4/2024	0.1ND	No	19	n/a	n/a	47.37	n/a	n/a	0.004832	NP Intra (normality) 1 of 2	
Fluoride (mg/L)	GWA-49	0.1	n/a	3/4/2024	0.1ND	No	19	n/a	n/a	52.63	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2	
Fluoride (mg/L)	GWC-29	0.1	n/a	3/4/2024	0.1ND	No	19	n/a	n/a	52.63	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2	
Fluoride (mg/L)	GWC-50	0.1	n/a	3/4/2024	0.1ND	No	19	n/a	n/a	63.16	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2	
Fluoride (mg/L)	GWC-51	0.1	n/a	3/4/2024	0.1ND	No	19	n/a	n/a	63.16	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2	
Fluoride (mg/L)	GWC-52	0.1	n/a	3/4/2024	0.1ND	No	19	n/a	n/a	57.89	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2	
Fluoride (mg/L)	GWC-53	0.1	n/a	3/4/2024	0.1ND	No	19	n/a	n/a	84.21	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2	
pH (S.U.)	GWA-21	6.036	5.599	2/29/2024	5.8	No	21	5.818	0.107	0	None	No	0.000752	Param Intra 1 of 2	
pH (S.U.)	GWA-22	6.307	5.548	3/4/2024	6.41	Yes	22	5.928	0.187	0	None	No	0.000752	Param Intra 1 of 2	
pH (S.U.)	GWA-45	6.48	5.92	3/4/2024	6.54	Yes	23	n/a	n/a	0	n/a	n/a	0.006831	NP Intra (normality) 1 of 2	
pH (S.U.)	GWA-46	6.83	5.71	3/4/2024	5.94	No	24	n/a	n/a	0	n/a	n/a	0.006247	NP Intra (normality) 1 of 2	
pH (S.U.)	GWA-47	6.608	6.308	3/4/2024	6.49	No	26	6.458	0.07553	0	None	No	0.000752	Param Intra 1 of 2	
pH (S.U.)	GWA-48	6.966	6.599	3/4/2024	6.86	No	24	6.783	0.09157	0	None	No	0.000752	Param Intra 1 of 2	
pH (S.U.)	GWA-49	7.098	6.674	3/4/2024	6.96	No	23	6.886	0.105	0	None	No	0.000752	Param Intra 1 of 2	

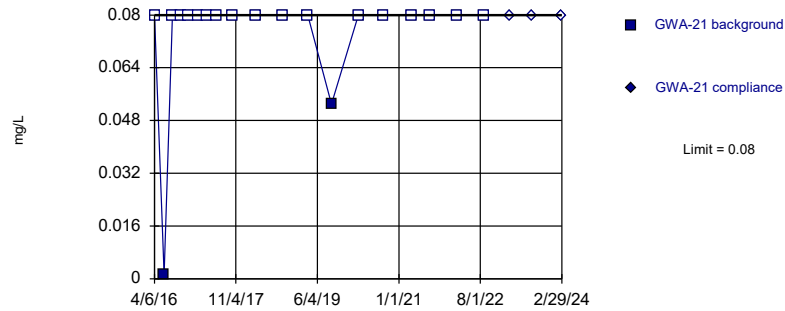
Appendix III Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 3/28/2024, 12:20 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBg	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
pH (S.U.)	GWC-29	6.3	5.72	3/4/2024	6.52	Yes	23	n/a	n/a	0	n/a	n/a	n/a	0.006831	NP Intra (normality) 1 of 2
pH (S.U.)	GWC-50	5.959	5.69	3/4/2024	5.77	No	24	5.824	0.06717	0	None	No	No	0.000752	Param Intra 1 of 2
pH (S.U.)	GWC-51	6.008	5.744	3/4/2024	5.85	No	25	5.876	0.06614	0	None	No	No	0.000752	Param Intra 1 of 2
pH (S.U.)	GWC-52	6.787	6.53	3/4/2024	7.01	Yes	25	6.659	0.06463	0	None	No	No	0.000752	Param Intra 1 of 2
pH (S.U.)	GWC-53	5.752	5.445	3/4/2024	5.9	Yes	23	5.598	0.07608	0	None	No	No	0.000752	Param Intra 1 of 2
Sulfate (mg/L)	GWA-21	2.686	n/a	2/29/2024	2.8	Yes	19	1.398	0.6191	5.263	None	No	No	0.001504	Param Intra 1 of 2
Sulfate (mg/L)	GWA-22	1	n/a	3/4/2024	1ND	No	19	n/a	n/a	89.47	n/a	n/a	No	0.004832	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-45	190.4	n/a	3/4/2024	160	No	19	151.4	18.71	0	None	No	No	0.001504	Param Intra 1 of 2
Sulfate (mg/L)	GWA-46	1.1	n/a	3/4/2024	0.64J	No	19	n/a	n/a	63.16	n/a	n/a	No	0.004832	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-47	1.1	n/a	3/4/2024	0.46J	No	19	n/a	n/a	78.95	n/a	n/a	No	0.004832	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-48	1.68	n/a	3/4/2024	1.4	No	19	1.244	0.2097	0	None	No	No	0.001504	Param Intra 1 of 2
Sulfate (mg/L)	GWA-49	1	n/a	3/4/2024	0.66J	No	19	n/a	n/a	63.16	n/a	n/a	No	0.004832	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-29	3.356	n/a	3/4/2024	2.1	No	19	6.918	2.089	5.263	None	x^2	No	0.001504	Param Intra 1 of 2
Sulfate (mg/L)	GWC-50	1	n/a	3/4/2024	1ND	No	19	n/a	n/a	89.47	n/a	n/a	No	0.004832	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-51	2.7	n/a	3/4/2024	2.9	Yes	19	n/a	n/a	52.63	n/a	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-52	26.35	n/a	3/4/2024	90	Yes	11	12.57	5.74	9.091	None	No	No	0.001504	Param Intra 1 of 2
Sulfate (mg/L)	GWC-53	170	n/a	3/4/2024	180	Yes	19	n/a	n/a	0	n/a	n/a	n/a	0.004832	NP Intra (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWA-21	129	n/a	2/29/2024	92	No	19	88.89	19.28	0	None	No	No	0.001504	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-22	103	n/a	3/4/2024	96	No	19	68.26	16.69	0	None	No	No	0.001504	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-45	375.8	n/a	3/4/2024	310	No	19	281.9	45.08	0	None	No	No	0.001504	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-46	89.61	n/a	3/4/2024	66	No	19	52.66	17.75	5.263	None	No	No	0.001504	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-47	118.9	n/a	3/4/2024	99	No	19	86.95	15.37	0	None	No	No	0.001504	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-48	123.1	n/a	3/4/2024	100	No	19	94.05	13.98	0	None	No	No	0.001504	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-49	129.2	n/a	3/4/2024	110	No	18	108.6	9.793	0	None	No	No	0.001504	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-29	142.1	n/a	3/4/2024	110	No	19	95.79	22.25	0	None	No	No	0.001504	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-50	112.5	n/a	3/4/2024	68	No	19	70.21	20.34	0	None	No	No	0.001504	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-51	106.2	n/a	3/4/2024	86	No	18	77.39	13.68	0	None	No	No	0.001504	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-52	203.8	n/a	3/4/2024	200	No	19	137.1	32.07	0	None	No	No	0.001504	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-53	326.8	n/a	3/4/2024	310	No	19	258.3	32.93	0	None	No	No	0.001504	Param Intra 1 of 2

Within Limit

Prediction Limit
Intrawell Non-parametric

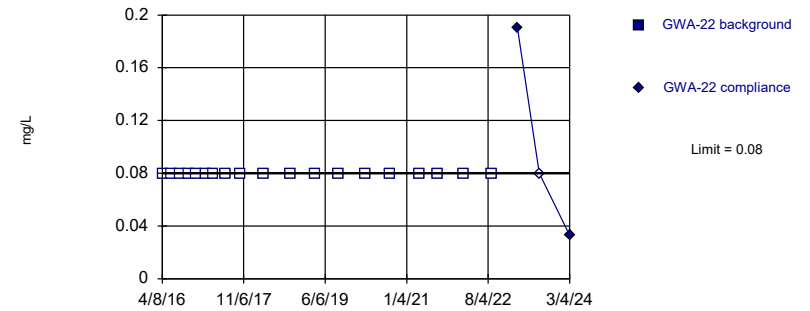


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 89.47% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Boron Analysis Run 3/28/2024 12:17 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

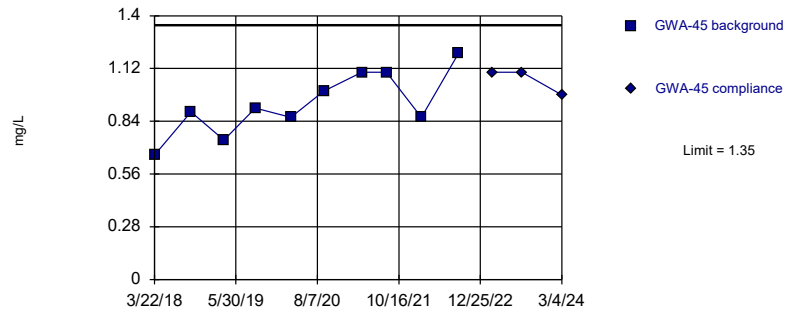


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 19) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Boron Analysis Run 3/28/2024 12:17 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

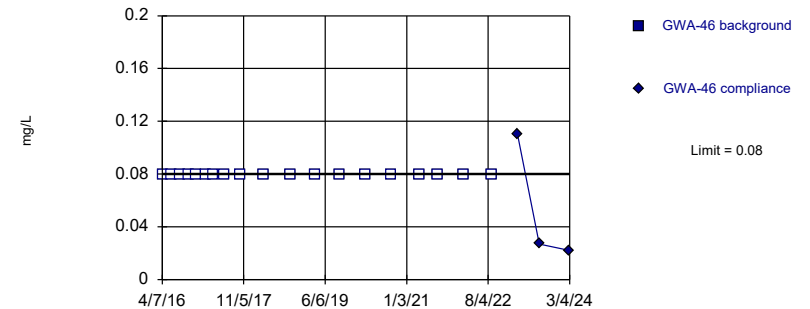


Background Data Summary: Mean=0.932, Std. Dev.=0.1688, n=10. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9662, critical = 0.842. Kappa = 2.478 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Boron Analysis Run 3/28/2024 12:17 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

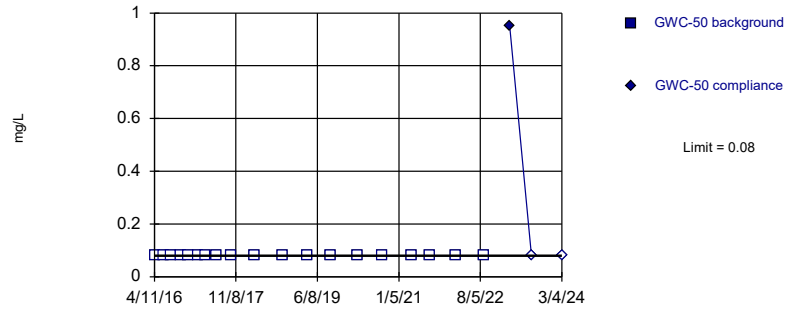


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 19) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Boron Analysis Run 3/28/2024 12:17 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

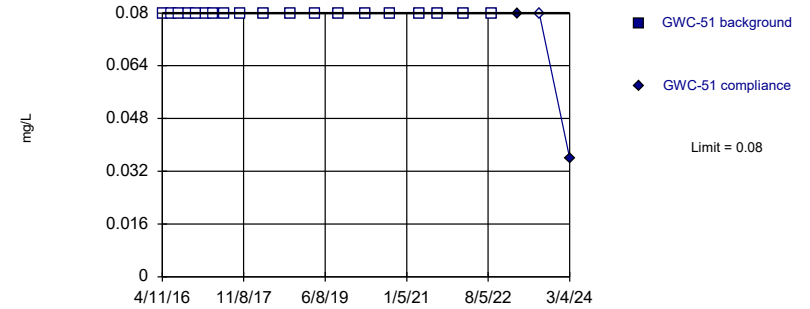


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 19) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Boron Analysis Run 3/28/2024 12:17 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

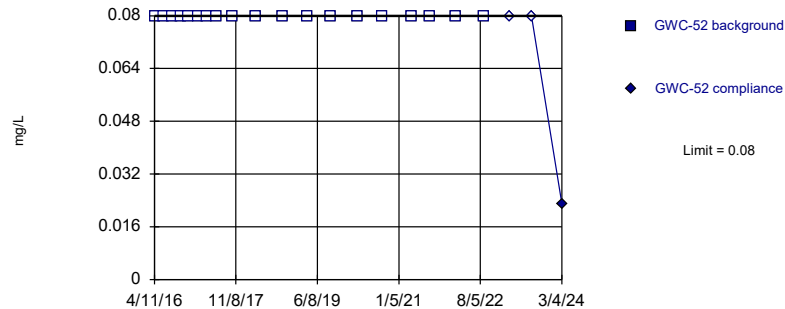


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 19) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Boron Analysis Run 3/28/2024 12:17 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

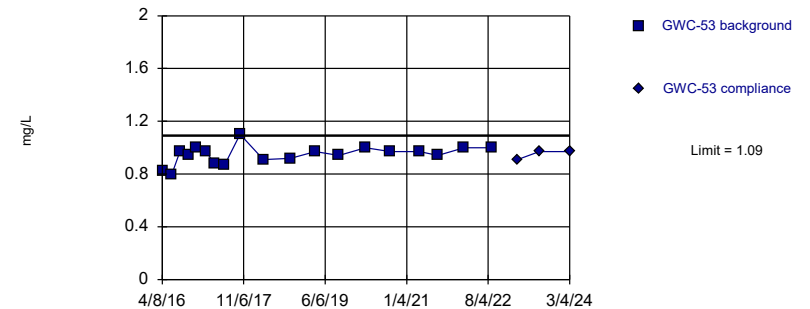


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 19) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Boron Analysis Run 3/28/2024 12:17 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

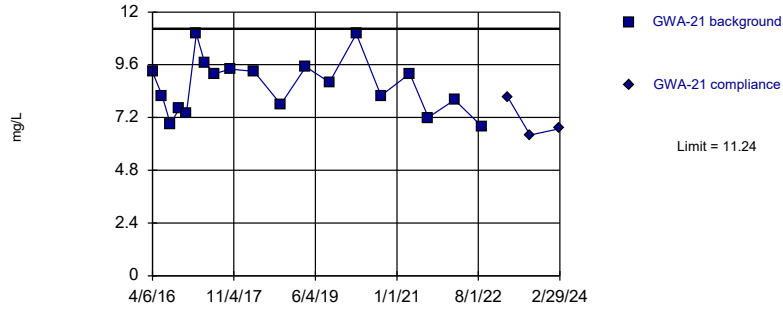


Background Data Summary: Mean=0.946, Std. Dev.=0.06939, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9424, critical = 0.901. Kappa = 2.081 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Boron Analysis Run 3/28/2024 12:17 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Parametric

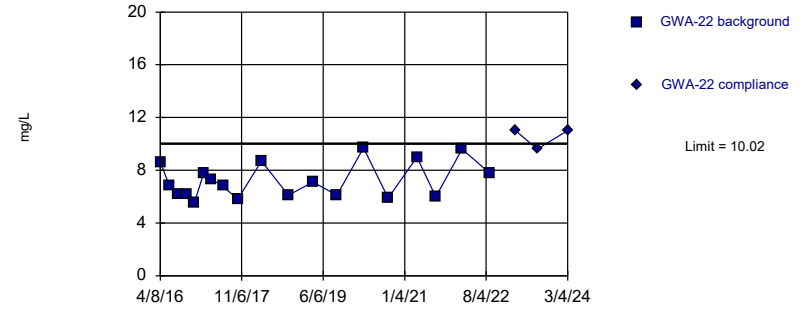


Background Data Summary: Mean=8.656, Std. Dev.=1.24, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9449, critical = 0.901. Kappa = 2.081 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Calcium Analysis Run 3/28/2024 12:17 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limit

Prediction Limit Intrawell Parametric

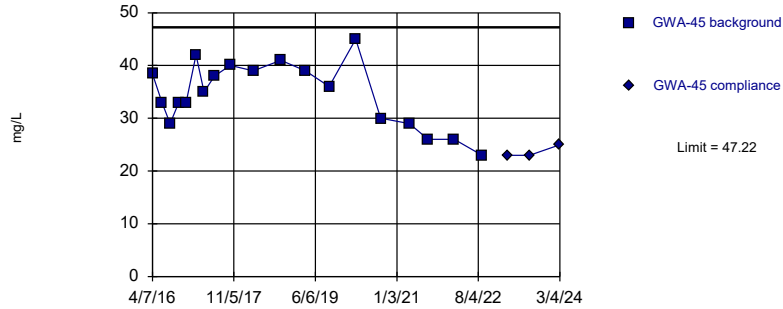


Background Data Summary: Mean=7.211, Std. Dev.=1.352, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9021, critical = 0.901. Kappa = 2.081 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Calcium Analysis Run 3/28/2024 12:17 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Parametric

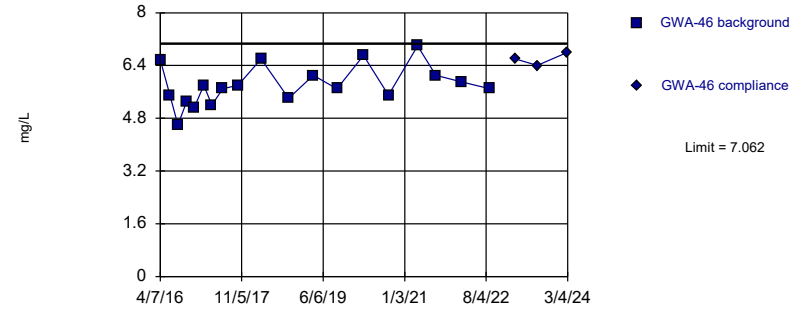


Background Data Summary: Mean=34.49, Std. Dev.=6.119, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9685, critical = 0.901. Kappa = 2.081 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Calcium Analysis Run 3/28/2024 12:17 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Parametric

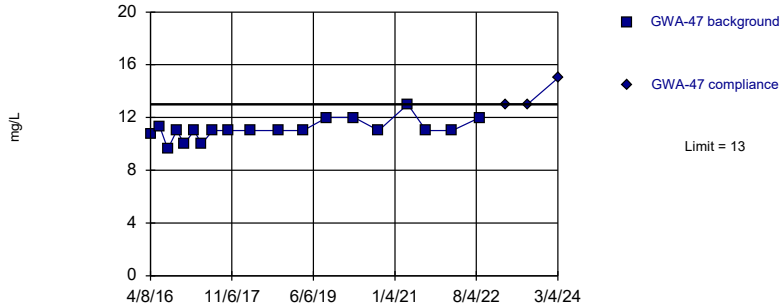


Background Data Summary: Mean=5.804, Std. Dev.=0.6047, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9713, critical = 0.901. Kappa = 2.081 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Calcium Analysis Run 3/28/2024 12:17 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limit

Prediction Limit
Intrawell Non-parametric

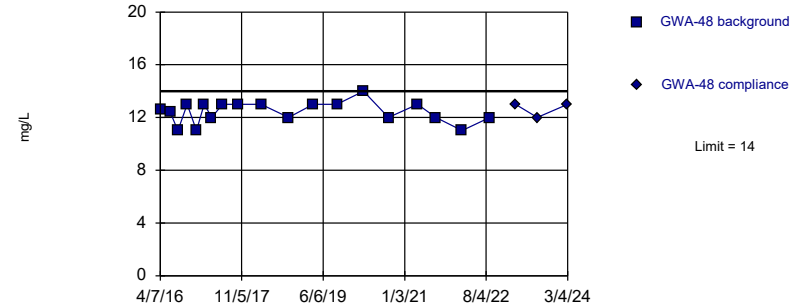


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.05 alpha level. Limit is highest of 19 background values. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Calcium Analysis Run 3/28/2024 12:17 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

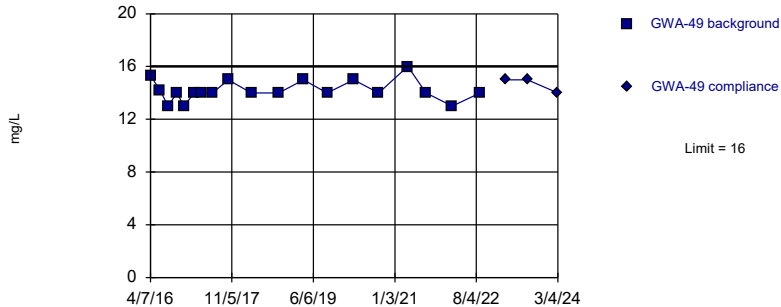


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.05 alpha level. Limit is highest of 19 background values. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Calcium Analysis Run 3/28/2024 12:17 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

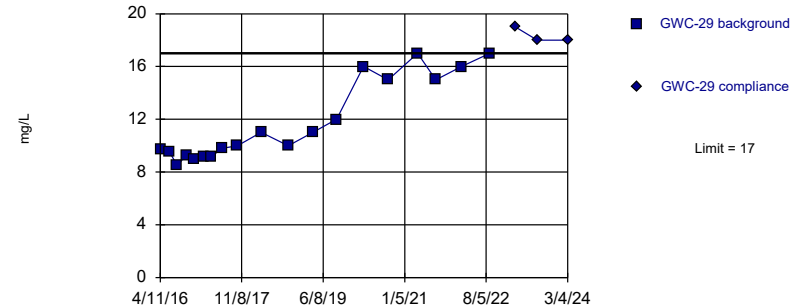


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.05 alpha level. Limit is highest of 19 background values. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Calcium Analysis Run 3/28/2024 12:17 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limit

Prediction Limit
Intrawell Non-parametric

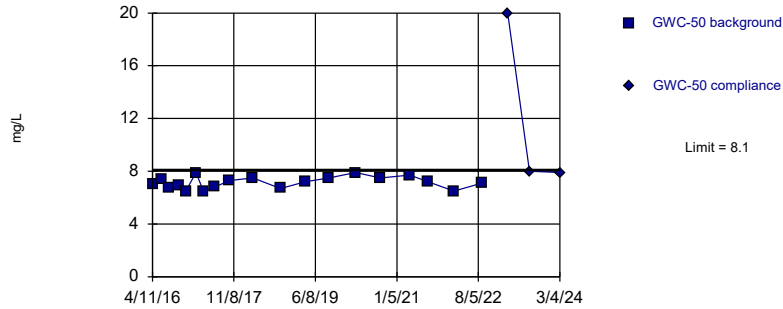


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.05 alpha level. Limit is highest of 19 background values. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Calcium Analysis Run 3/28/2024 12:17 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Parametric

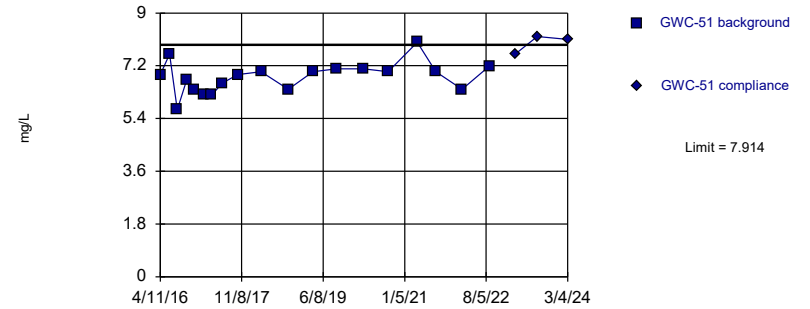


Background Data Summary: Mean=7.149, Std. Dev.=0.4569, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9442, critical = 0.901. Kappa = 2.081 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Calcium Analysis Run 3/28/2024 12:17 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limit

Prediction Limit Intrawell Parametric

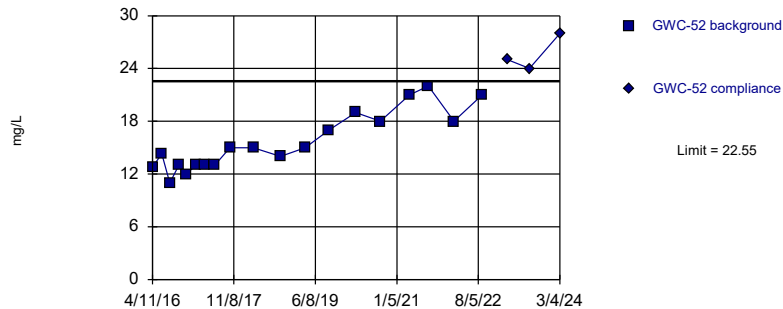


Background Data Summary: Mean=6.811, Std. Dev.=0.5301, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9642, critical = 0.901. Kappa = 2.081 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Calcium Analysis Run 3/28/2024 12:17 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limit

Prediction Limit Intrawell Parametric

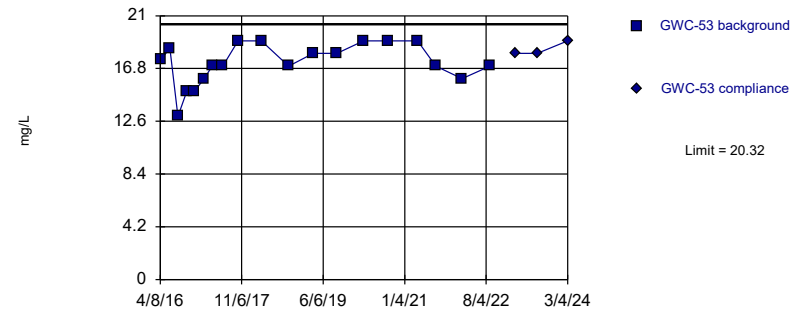


Background Data Summary: Mean=15.64, Std. Dev.=3.322, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.91, critical = 0.901. Kappa = 2.081 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Calcium Analysis Run 3/28/2024 12:17 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Parametric

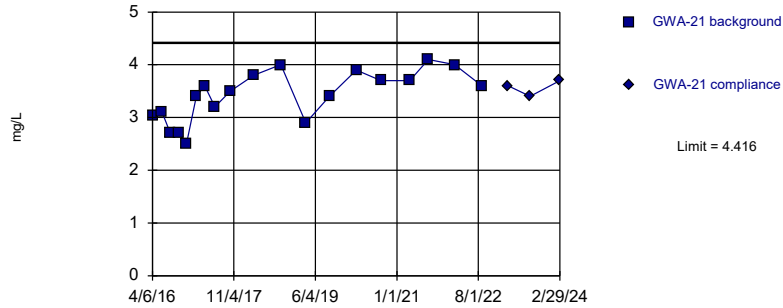


Background Data Summary (based on square transformation): Mean=298.6, Std. Dev.=54.84, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9118, critical = 0.901. Kappa = 2.081 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Calcium Analysis Run 3/28/2024 12:17 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

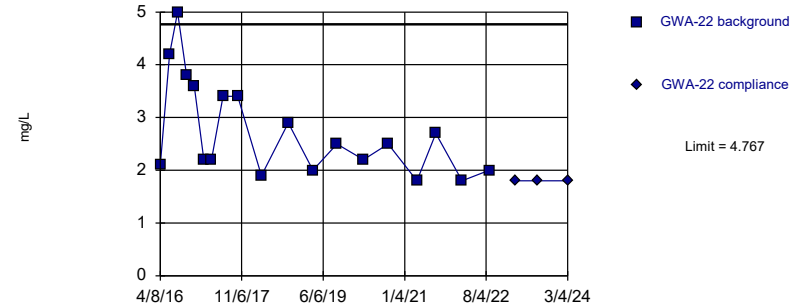


Background Data Summary: Mean=3.412, Std. Dev.=0.4825, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9498, critical = 0.901. Kappa = 2.081 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Chloride Analysis Run 3/28/2024 12:17 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

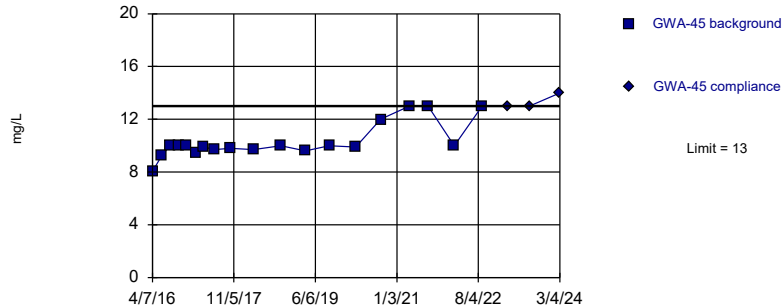


Background Data Summary (based on square root transformation): Mean=1.638, Std. Dev.=0.2622, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9053, critical = 0.901. Kappa = 2.081 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Chloride Analysis Run 3/28/2024 12:17 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limit

Prediction Limit
Intrawell Non-parametric

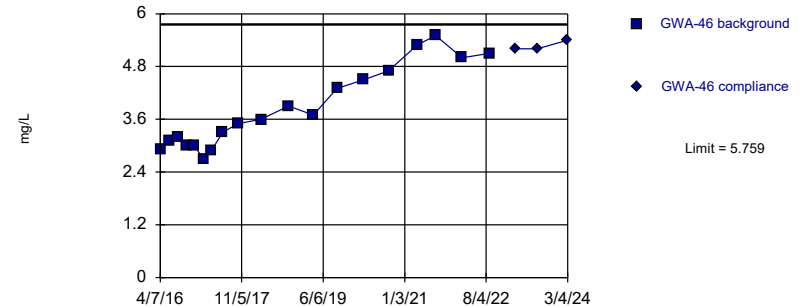


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.05 alpha level. Limit is highest of 19 background values. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Chloride Analysis Run 3/28/2024 12:17 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric



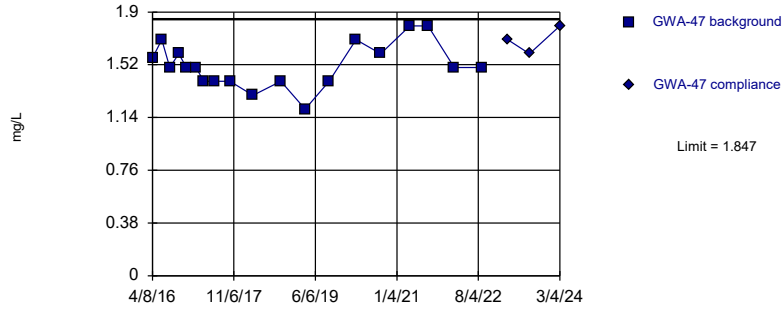
Background Data Summary: Mean=3.853, Std. Dev.=0.9159, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9045, critical = 0.901. Kappa = 2.081 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Chloride Analysis Run 3/28/2024 12:17 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit

Intrawell Parametric



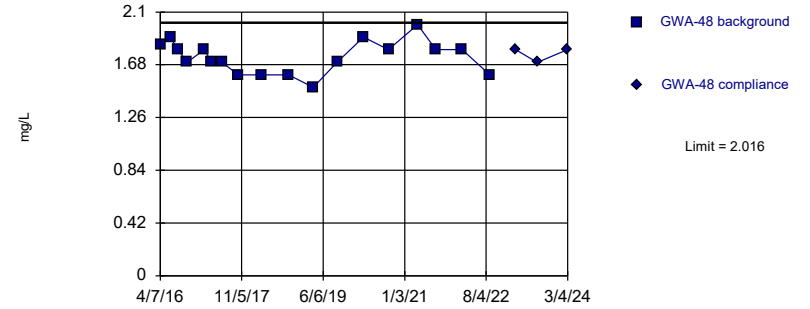
Background Data Summary: Mean=1.514, Std. Dev.=0.16, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9527, critical = 0.901. Kappa = 2.081 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Chloride Analysis Run 3/28/2024 12:17 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit

Intrawell Parametric



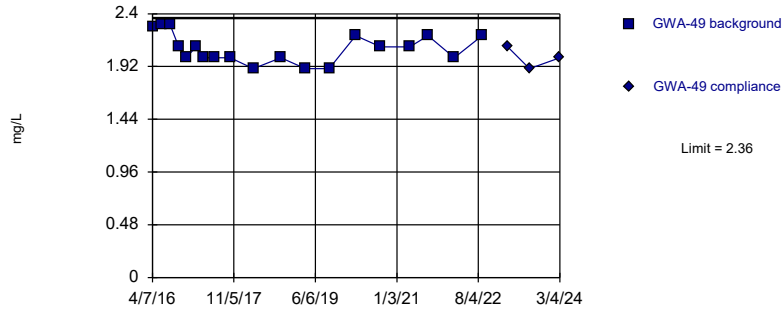
Background Data Summary: Mean=1.741, Std. Dev.=0.1305, n=18. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9562, critical = 0.897. Kappa = 2.104 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Chloride Analysis Run 3/28/2024 12:17 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit

Intrawell Parametric



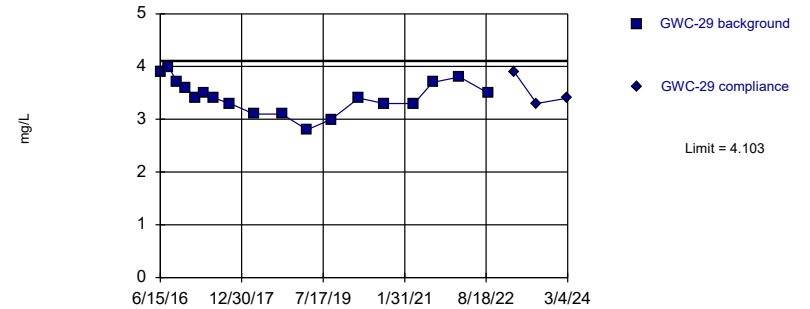
Background Data Summary: Mean=2.083, Std. Dev.=0.1331, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9076, critical = 0.901. Kappa = 2.081 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Chloride Analysis Run 3/28/2024 12:17 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit

Intrawell Parametric

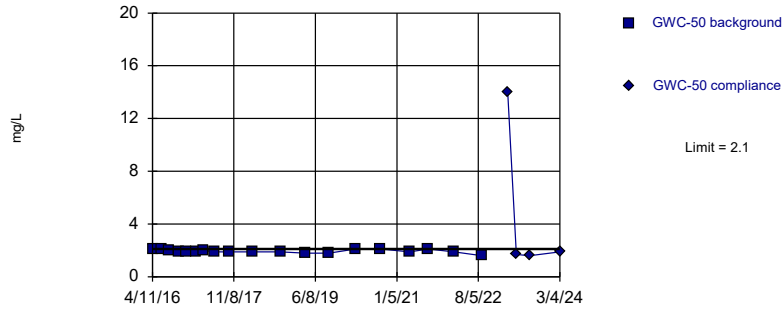


Background Data Summary: Mean=3.433, Std. Dev.=0.3181, n=18. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9833, critical = 0.897. Kappa = 2.104 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Chloride Analysis Run 3/28/2024 12:17 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

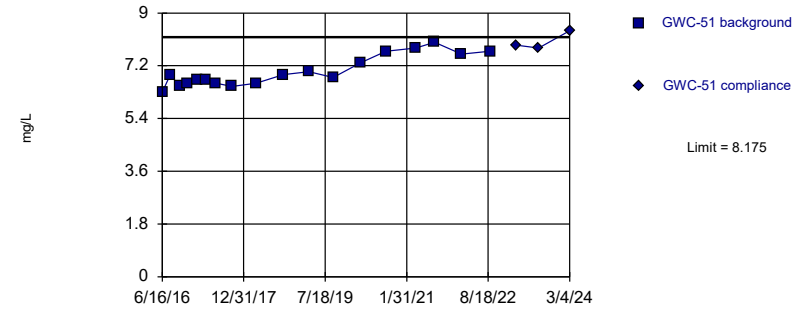


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.05 alpha level. Limit is highest of 19 background values. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Chloride Analysis Run 3/28/2024 12:17 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limit

Prediction Limit
Intrawell Parametric

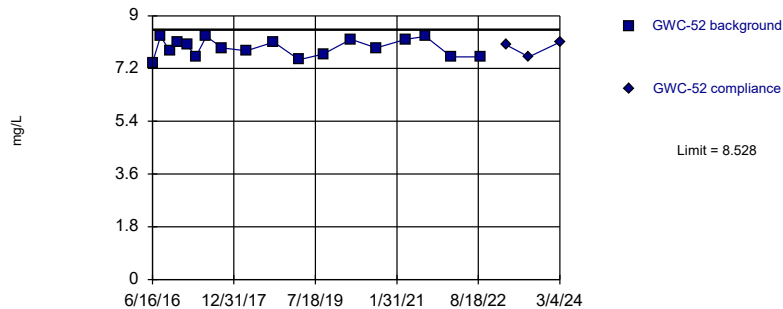


Background Data Summary (based on natural log transformation): Mean=1.945, Std. Dev.=0.07427, n=18. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.899, critical = 0.897. Kappa = 2.104 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Chloride Analysis Run 3/28/2024 12:17 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

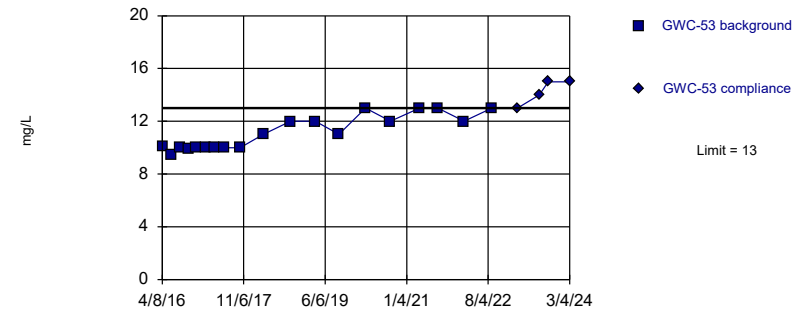


Background Data Summary: Mean=7.906, Std. Dev.=0.296, n=18. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9324, critical = 0.897. Kappa = 2.104 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Chloride Analysis Run 3/28/2024 12:17 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limit

Prediction Limit
Intrawell Non-parametric

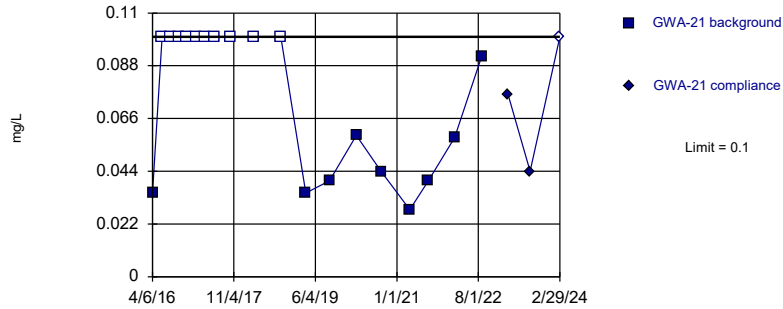


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.05 alpha level. Limit is highest of 19 background values. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Chloride Analysis Run 3/28/2024 12:17 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

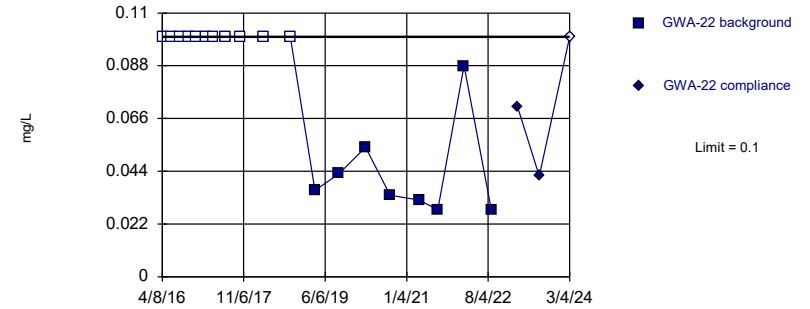


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 52.63% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Fluoride Analysis Run 3/28/2024 12:17 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

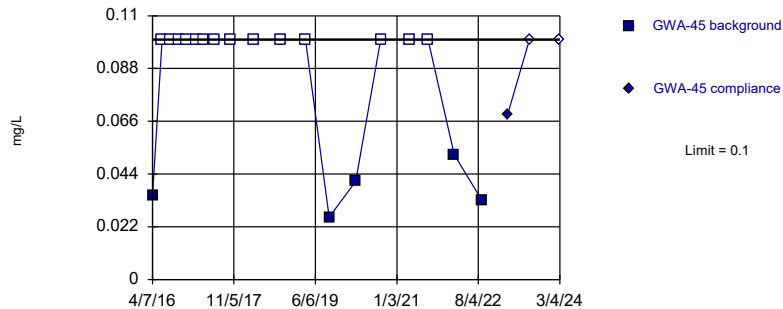


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 57.89% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Fluoride Analysis Run 3/28/2024 12:17 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

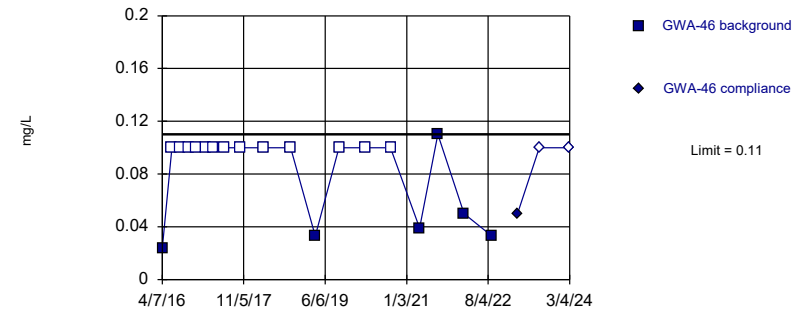


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 73.68% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Fluoride Analysis Run 3/28/2024 12:17 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

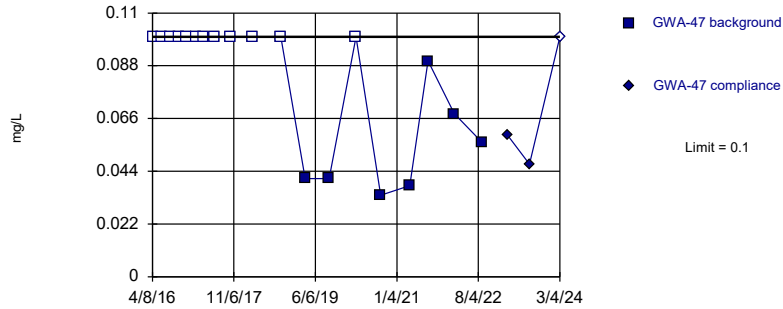


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 68.42% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Fluoride Analysis Run 3/28/2024 12:17 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

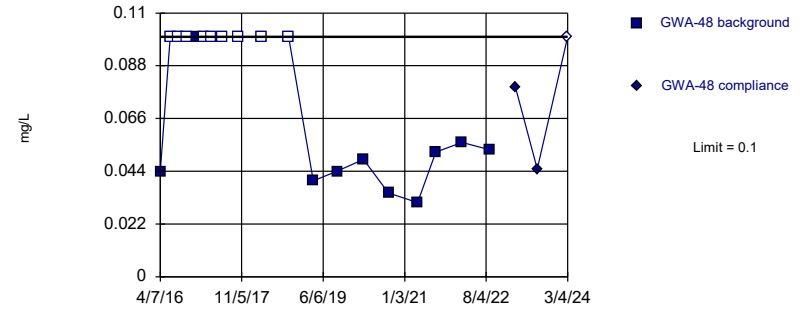


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 63.16% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Fluoride Analysis Run 3/28/2024 12:17 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

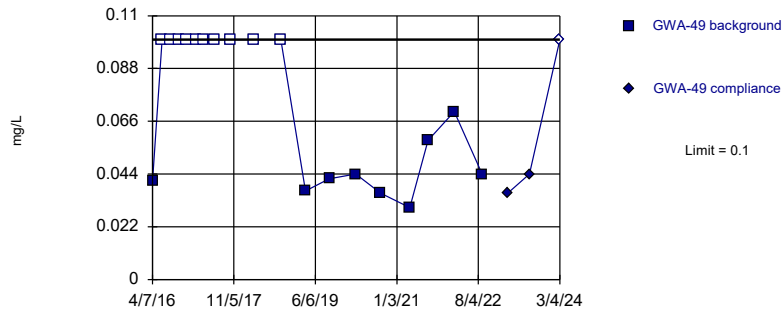


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.05 alpha level. Limit is highest of 19 background values. 47.37% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Fluoride Analysis Run 3/28/2024 12:18 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

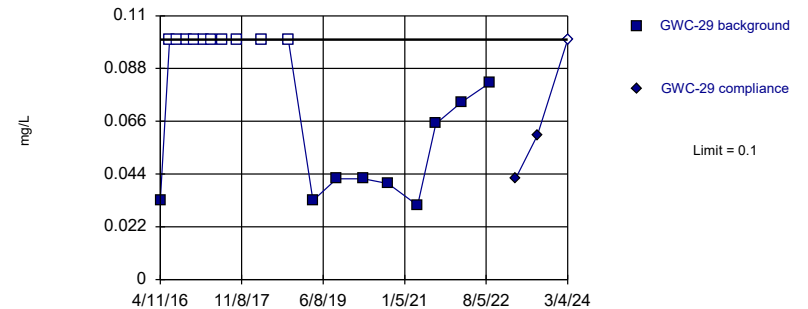


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 52.63% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Fluoride Analysis Run 3/28/2024 12:18 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

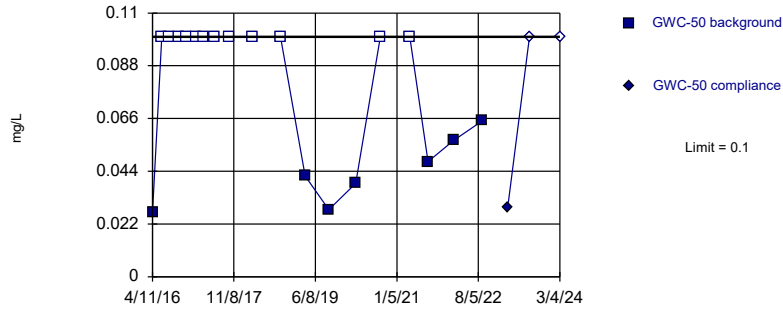


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 52.63% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Fluoride Analysis Run 3/28/2024 12:18 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

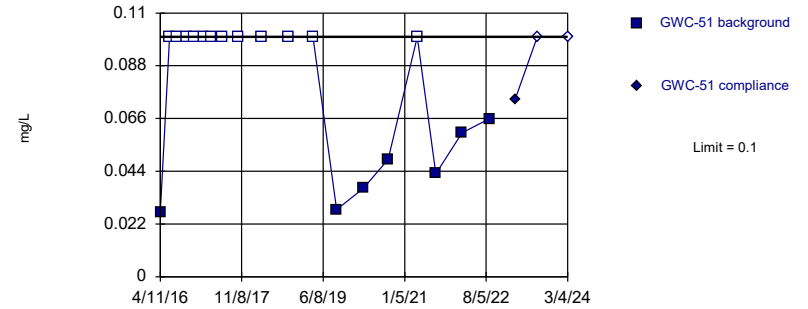


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 63.16% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Fluoride Analysis Run 3/28/2024 12:18 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

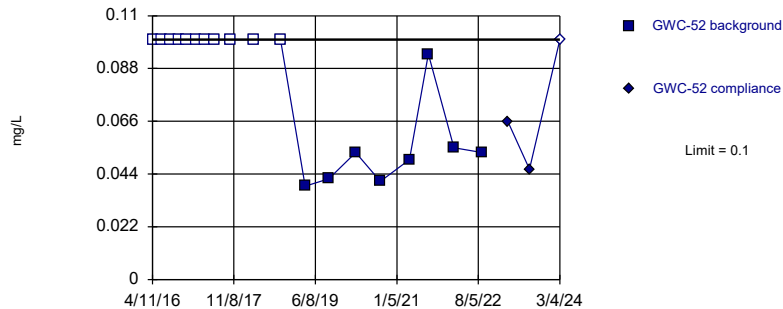


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 63.16% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Fluoride Analysis Run 3/28/2024 12:18 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

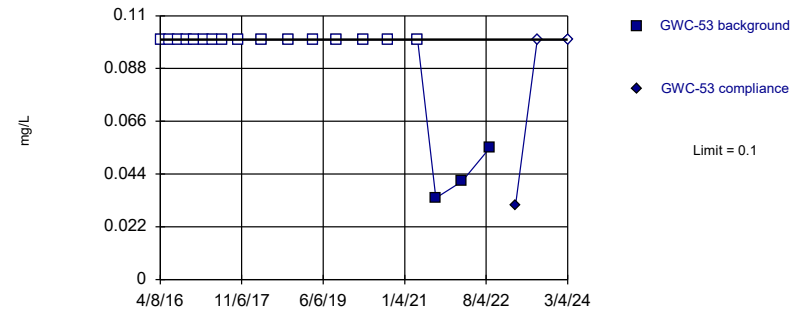


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 57.89% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Fluoride Analysis Run 3/28/2024 12:18 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

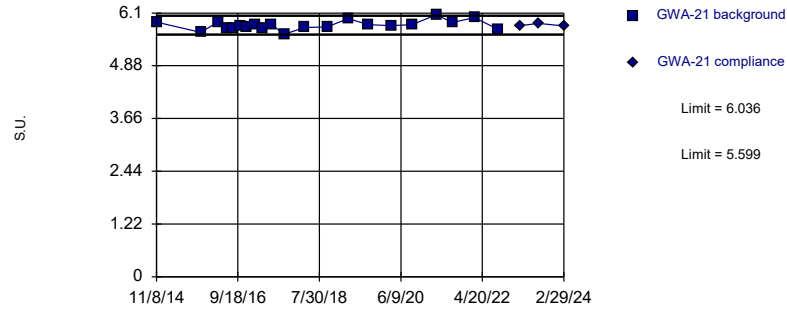


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 84.21% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Fluoride Analysis Run 3/28/2024 12:18 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limits

Prediction Limit Intrawell Parametric

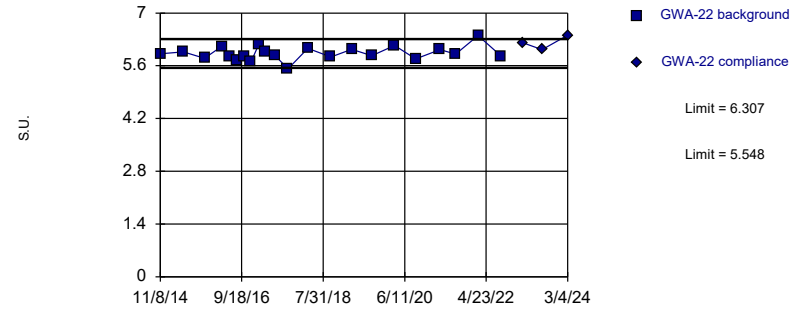


Background Data Summary: Mean=5.818, Std. Dev.=0.107, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.968, critical = 0.873. Kappa = 2.044 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH Analysis Run 3/28/2024 12:18 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limits

Prediction Limit Intrawell Parametric

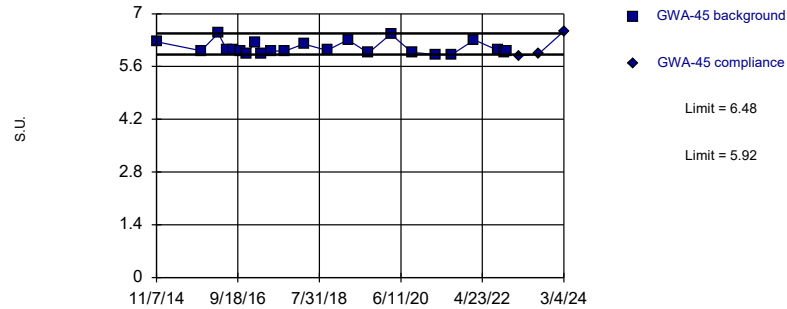


Background Data Summary: Mean=5.928, Std. Dev.=0.187, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9729, critical = 0.878. Kappa = 2.031 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH Analysis Run 3/28/2024 12:18 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limits

Prediction Limit Intrawell Non-parametric

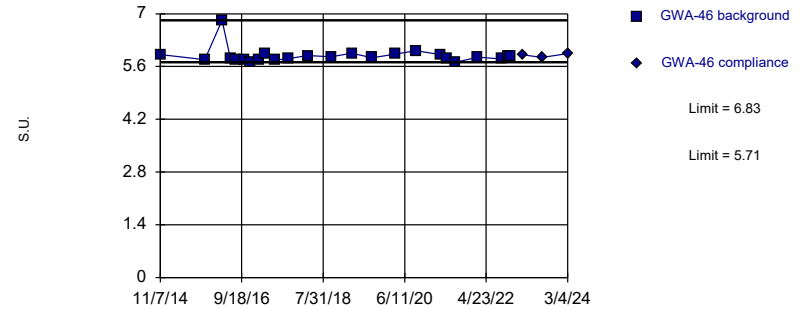


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 23 background values. Well-constituent pair annual alpha = 0.01364. Individual comparison alpha = 0.006831 (1 of 2).

Constituent: pH Analysis Run 3/28/2024 12:18 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limits

Prediction Limit Intrawell Non-parametric

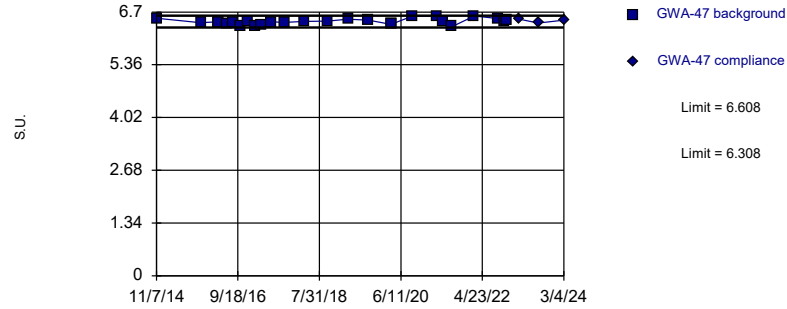


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 24 background values. Well-constituent pair annual alpha = 0.01248. Individual comparison alpha = 0.006247 (1 of 2).

Constituent: pH Analysis Run 3/28/2024 12:18 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limits

Prediction Limit Intrawell Parametric

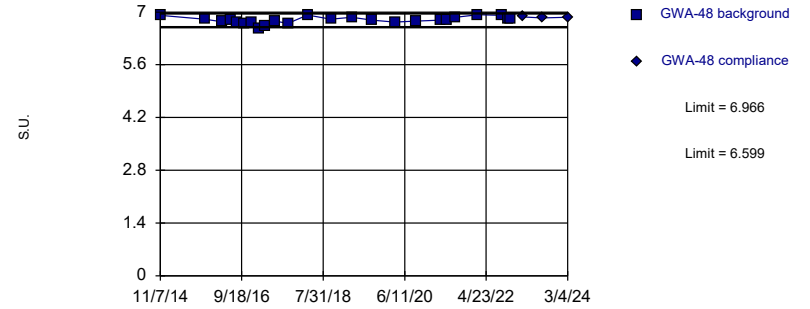


Background Data Summary: Mean=6.458, Std. Dev.=0.07553, n=26. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9607, critical = 0.891. Kappa = 1.981 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH Analysis Run 3/28/2024 12:18 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limits

Prediction Limit Intrawell Parametric

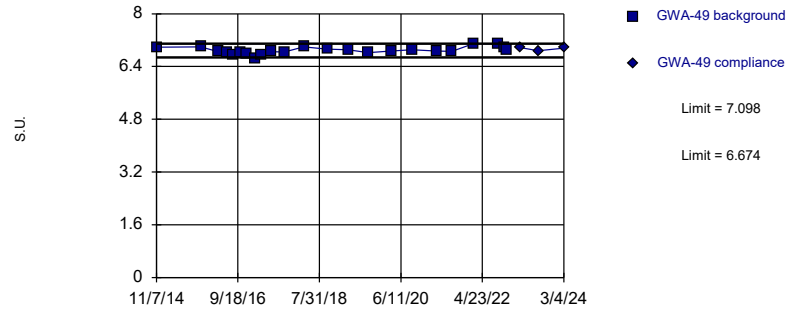


Background Data Summary: Mean=6.783, Std. Dev.=0.09157, n=24. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9613, critical = 0.884. Kappa = 2.004 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH Analysis Run 3/28/2024 12:18 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limits

Prediction Limit Intrawell Parametric

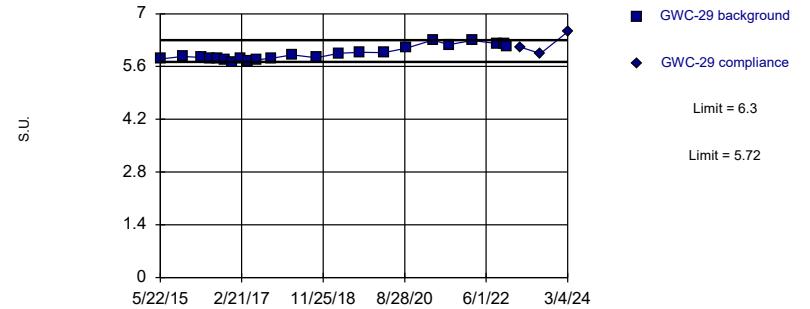


Background Data Summary: Mean=6.886, Std. Dev.=0.105, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9761, critical = 0.881. Kappa = 2.017 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH Analysis Run 3/28/2024 12:18 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limits

Prediction Limit Intrawell Non-parametric

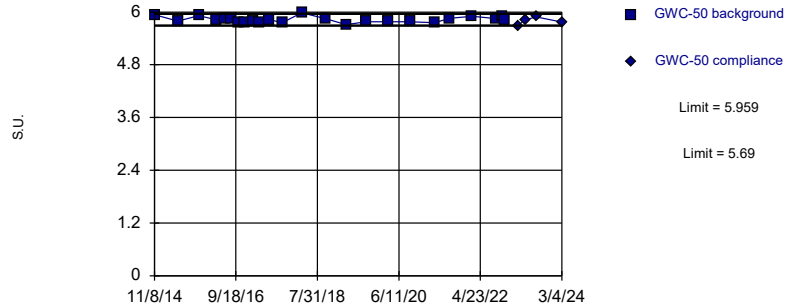


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 23 background values. Well-constituent pair annual alpha = 0.01364. Individual comparison alpha = 0.006831 (1 of 2).

Constituent: pH Analysis Run 3/28/2024 12:18 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limits

Prediction Limit Intrawell Parametric

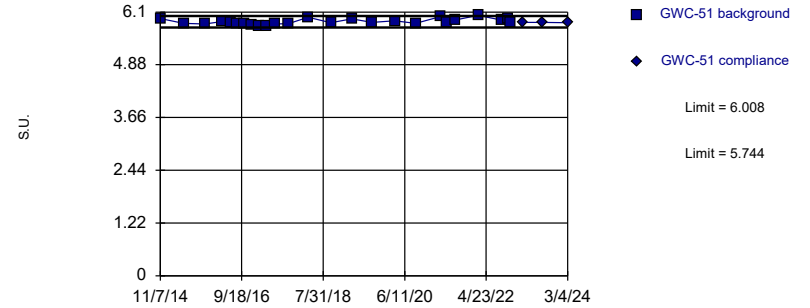


Background Data Summary: Mean=5.824, Std. Dev.=0.06717, n=24. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9562, critical = 0.884. Kappa = 2.004 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH Analysis Run 3/28/2024 12:18 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limits

Prediction Limit Intrawell Parametric

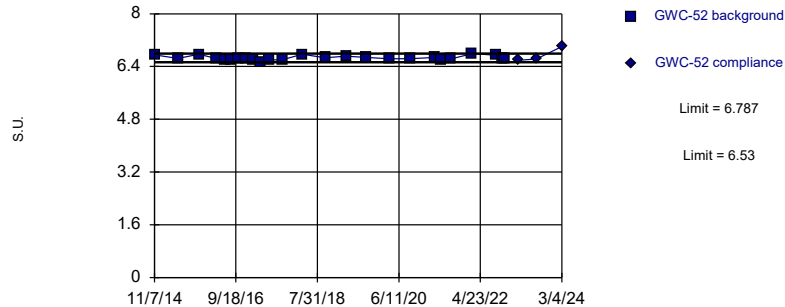


Background Data Summary: Mean=5.876, Std. Dev.=0.06614, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9604, critical = 0.888. Kappa = 1.99 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH Analysis Run 3/28/2024 12:18 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limits

Prediction Limit Intrawell Parametric

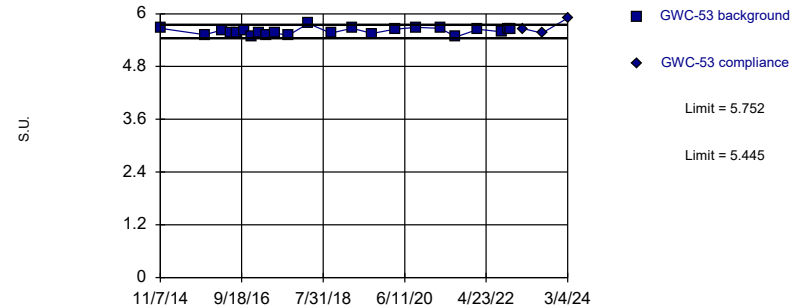


Background Data Summary: Mean=6.659, Std. Dev.=0.06463, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9339, critical = 0.888. Kappa = 1.99 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH Analysis Run 3/28/2024 12:18 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limits

Prediction Limit Intrawell Parametric



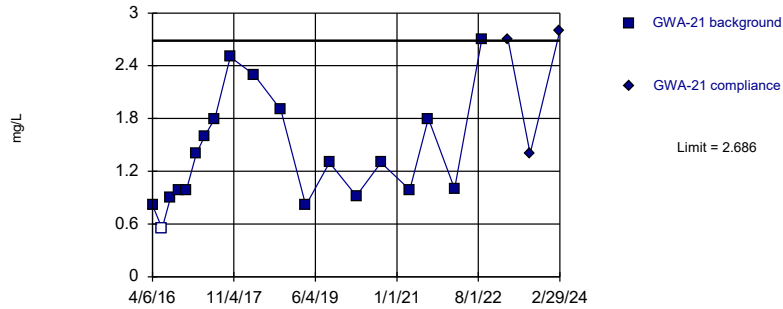
Background Data Summary: Mean=5.598, Std. Dev.=0.07608, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9627, critical = 0.881. Kappa = 2.017 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH Analysis Run 3/28/2024 12:18 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limit

Prediction Limit

Intrawell Parametric



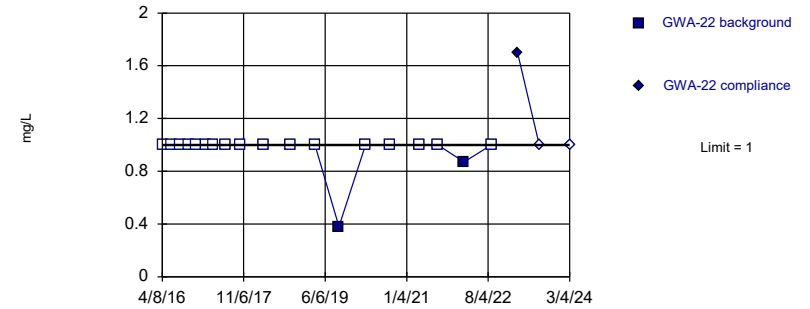
Background Data Summary: Mean=1.398, Std. Dev.=0.6191, n=19, 5.263% NDs. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9095, critical = 0.901. Kappa = 2.081 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Sulfate Analysis Run 3/28/2024 12:18 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



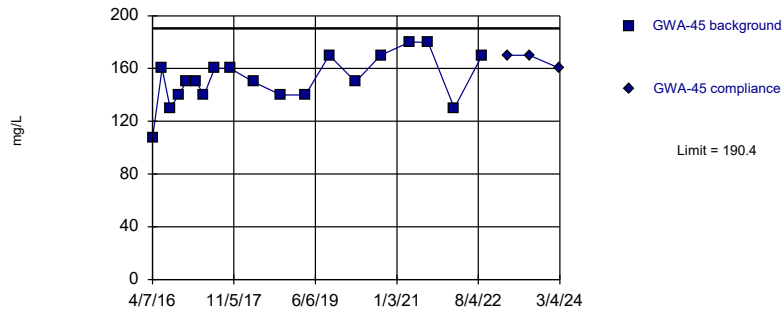
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 89.47% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Sulfate Analysis Run 3/28/2024 12:18 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit

Intrawell Parametric



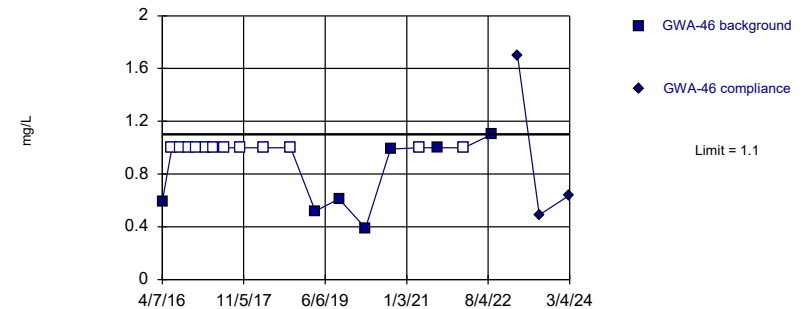
Background Data Summary: Mean=151.4, Std. Dev.=18.71, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9549, critical = 0.901. Kappa = 2.081 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Sulfate Analysis Run 3/28/2024 12:18 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit

Intrawell Non-parametric

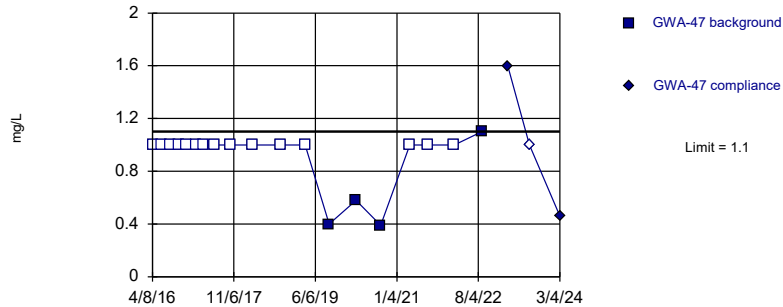


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 63.16% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Sulfate Analysis Run 3/28/2024 12:18 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

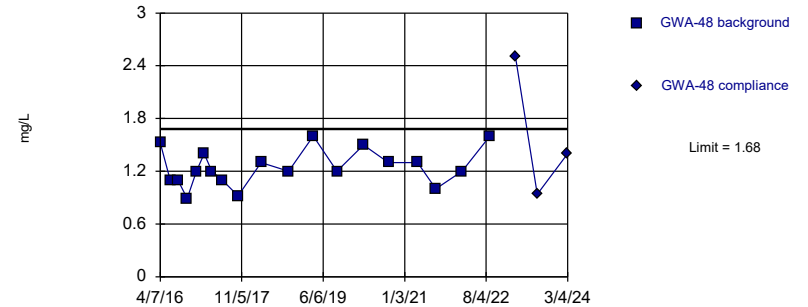


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 78.95% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Sulfate Analysis Run 3/28/2024 12:18 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

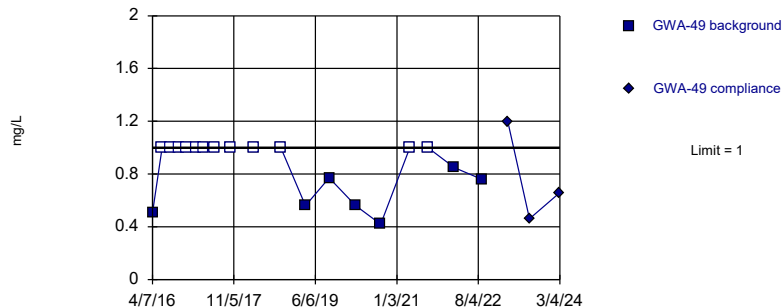


Background Data Summary: Mean=1.244, Std. Dev.=0.2097, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.95, critical = 0.901. Kappa = 2.081 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Sulfate Analysis Run 3/28/2024 12:18 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

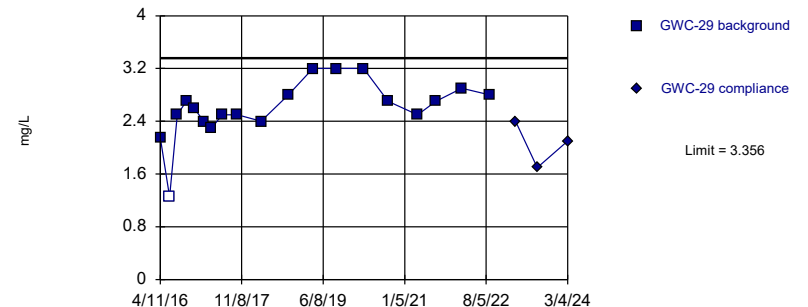


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 63.16% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Sulfate Analysis Run 3/28/2024 12:18 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

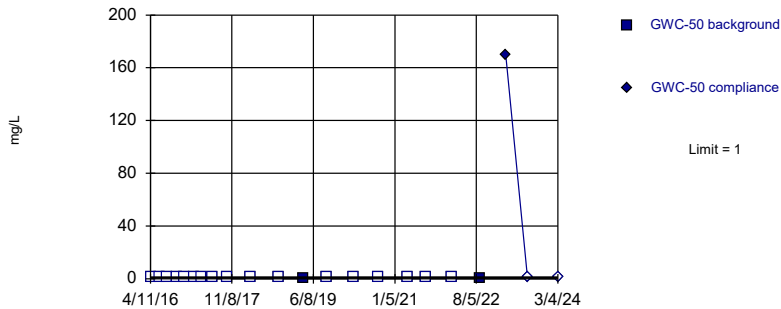


Background Data Summary (based on square transformation): Mean=6.918, Std. Dev.=2.089, n=19, 5.263% NDs. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9278, critical = 0.901. Kappa = 2.081 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Sulfate Analysis Run 3/28/2024 12:18 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

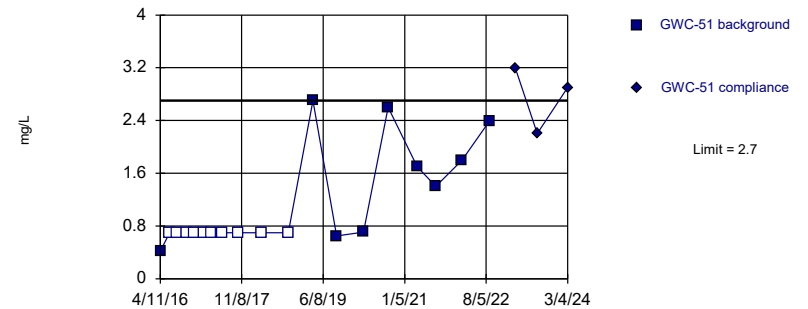


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 89.47% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Sulfate Analysis Run 3/28/2024 12:18 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limit

Prediction Limit
Intrawell Non-parametric

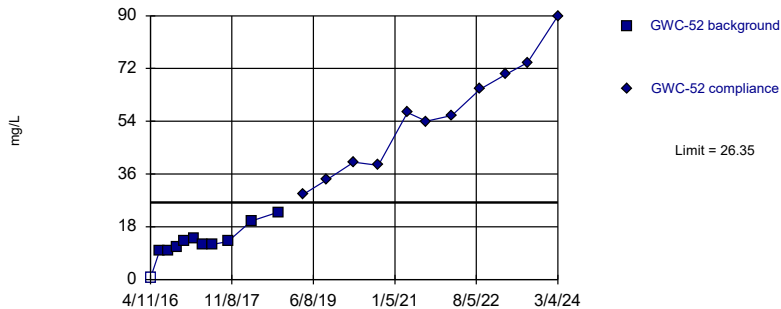


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 52.63% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Sulfate Analysis Run 3/28/2024 12:18 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limit

Prediction Limit
Intrawell Parametric

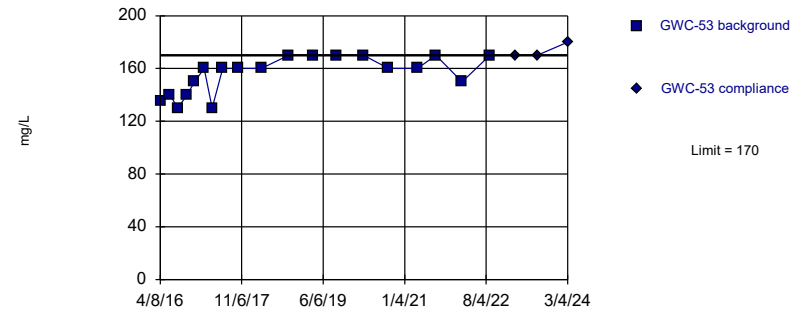


Background Data Summary: Mean=12.57, Std. Dev.=5.74, n=11, 9.091% NDs. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9024, critical = 0.85. Kappa = 2.4 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Sulfate Analysis Run 3/28/2024 12:18 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limit

Prediction Limit
Intrawell Non-parametric

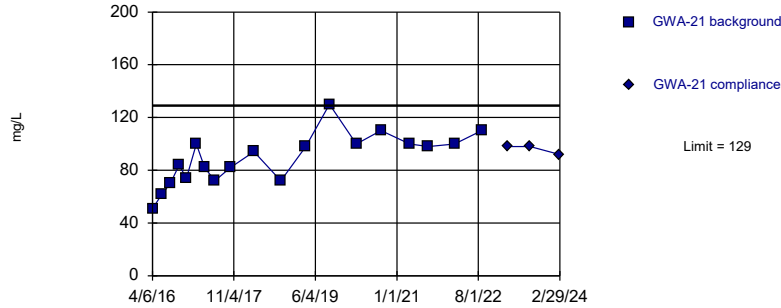


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.05 alpha level. Limit is highest of 19 background values. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Sulfate Analysis Run 3/28/2024 12:18 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

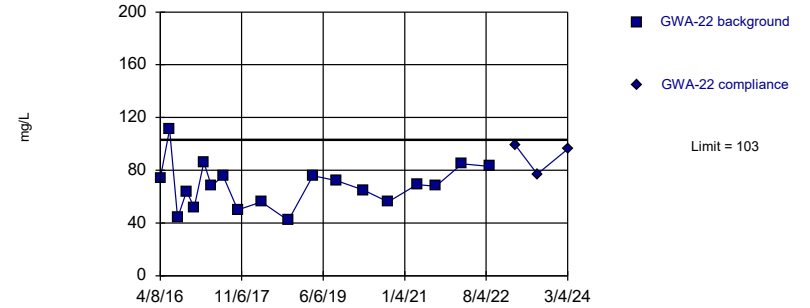


Background Data Summary: Mean=88.89, Std. Dev.=19.28, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9678, critical = 0.901. Kappa = 2.081 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Total Dissolved Solids Analysis Run 3/28/2024 12:18 PM View: Appendix III - Intrawell Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

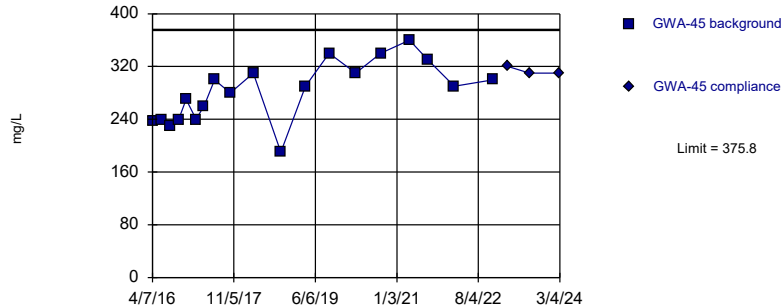


Background Data Summary: Mean=68.26, Std. Dev.=16.69, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9586, critical = 0.901. Kappa = 2.081 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Total Dissolved Solids Analysis Run 3/28/2024 12:18 PM View: Appendix III - Intrawell Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

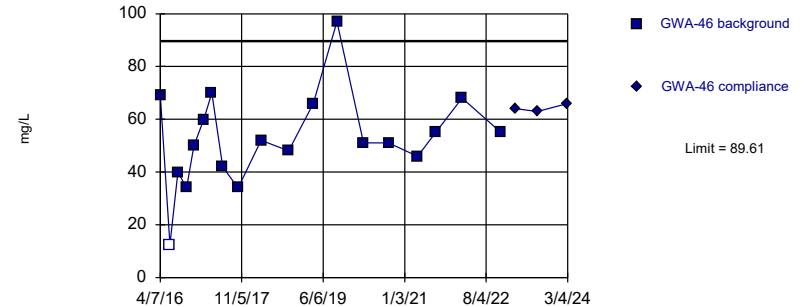


Background Data Summary: Mean=281.9, Std. Dev.=45.08, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9709, critical = 0.901. Kappa = 2.081 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Total Dissolved Solids Analysis Run 3/28/2024 12:18 PM View: Appendix III - Intrawell Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric



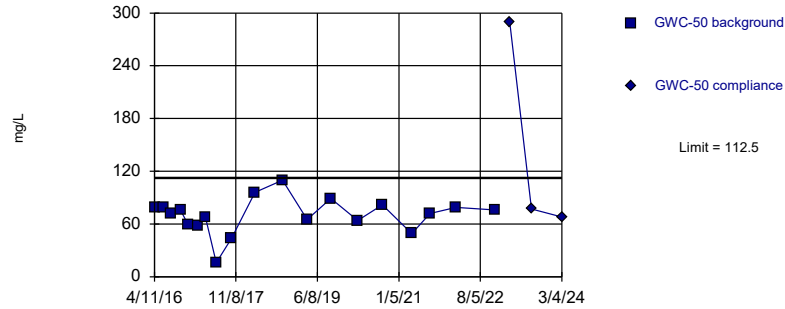
Background Data Summary: Mean=52.66, Std. Dev.=17.75, n=19, 5.263% NDs. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9572, critical = 0.901. Kappa = 2.081 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Total Dissolved Solids Analysis Run 3/28/2024 12:18 PM View: Appendix III - Intrawell Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit

Intrawell Parametric



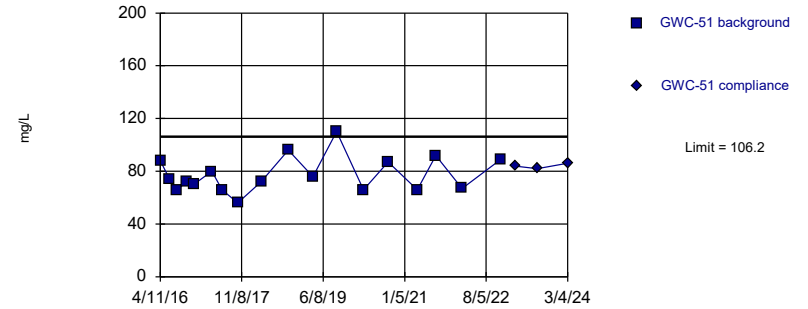
Background Data Summary: Mean=70.21, Std. Dev.=20.34, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9506, critical = 0.901. Kappa = 2.081 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Total Dissolved Solids Analysis Run 3/28/2024 12:18 PM View: Appendix III - Intrawell Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit

Intrawell Parametric



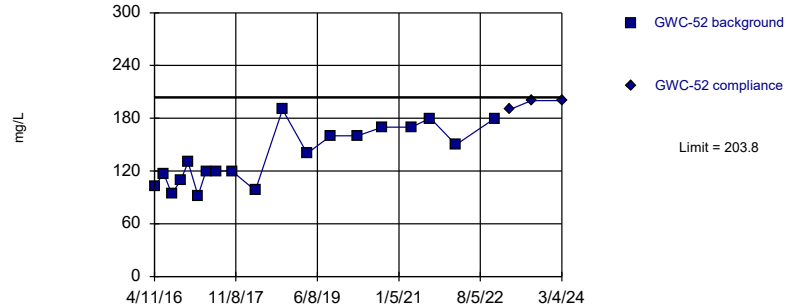
Background Data Summary: Mean=77.39, Std. Dev.=13.68, n=18. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9304, critical = 0.897. Kappa = 2.104 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Total Dissolved Solids Analysis Run 3/28/2024 12:18 PM View: Appendix III - Intrawell Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit

Intrawell Parametric



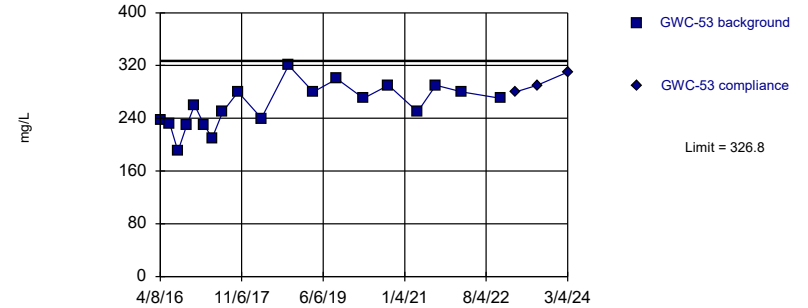
Background Data Summary: Mean=137.1, Std. Dev.=32.07, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9295, critical = 0.901. Kappa = 2.081 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Total Dissolved Solids Analysis Run 3/28/2024 12:18 PM View: Appendix III - Intrawell Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=258.3, Std. Dev.=32.93, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9811, critical = 0.901. Kappa = 2.081 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Total Dissolved Solids Analysis Run 3/28/2024 12:18 PM View: Appendix III - Intrawell Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 3/28/2024 12:20 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21	GWA-21
4/6/2016	<0.08	
6/14/2016	0.0012 (J)	
8/10/2016	<0.08	
10/11/2016	<0.08	
12/2/2016	<0.08	
2/10/2017	<0.08	
4/10/2017	<0.08	
6/23/2017	<0.08	
10/9/2017	<0.08	
3/26/2018	<0.08	
10/3/2018	<0.08	
3/27/2019	<0.08	
9/12/2019	0.053	
3/19/2020	<0.08	
9/10/2020	<0.08	
4/2/2021	<0.08	
8/12/2021	<0.08	
2/14/2022	<0.08	
8/26/2022	<0.08	
2/28/2023		<0.08
8/2/2023		<0.08
2/29/2024		<0.08

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 3/28/2024 12:20 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-22	GWA-22
4/8/2016	<0.08	
6/14/2016	<0.08	
8/9/2016	<0.08	
10/11/2016	<0.08	
12/5/2016	<0.08	
2/10/2017	<0.08	
4/7/2017	<0.08	
6/26/2017	<0.08	
10/9/2017	<0.08	
3/26/2018	<0.08 (D)	
10/3/2018	<0.08	
3/27/2019	<0.08	
9/12/2019	<0.08	
3/19/2020	<0.08	
9/10/2020	<0.08	
4/2/2021	<0.08	
8/12/2021	<0.08	
2/15/2022	<0.08	
8/26/2022	<0.08	
2/28/2023		0.19
8/3/2023		<0.08
3/4/2024		0.033 (J)

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 3/28/2024 12:20 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-45	GWA-45
4/7/2016	0.0657 (J)	
6/14/2016	0.12	
8/9/2016	0.22	
10/10/2016	0.52	
12/2/2016	0.65	
2/9/2017	0.57	
4/7/2017	0.5	
6/22/2017	0.48	
10/10/2017	0.79	
3/22/2018	0.66	
10/3/2018	0.89	
3/27/2019	0.74	
9/12/2019	0.91	
3/19/2020	0.86	
9/11/2020	1	
4/2/2021	1.1	
8/12/2021	1.1	
2/14/2022	0.86	
8/31/2022	1.2	
2/28/2023		1.1
8/3/2023		1.1
3/4/2024		0.98

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 3/28/2024 12:20 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-46	GWA-46
4/7/2016	<0.08	
6/14/2016	<0.08	
8/9/2016	<0.08	
10/10/2016	<0.08	
12/2/2016	<0.08	
2/10/2017	<0.08	
4/7/2017	<0.08	
6/23/2017	<0.08	
10/10/2017	<0.08	
3/23/2018	<0.08	
10/4/2018	<0.08	
3/27/2019	<0.08	
9/12/2019	<0.08	
3/19/2020	<0.08	
9/11/2020	<0.08	
4/5/2021	<0.08	
8/12/2021	<0.08	
2/14/2022	<0.08	
8/31/2022	<0.08	
2/28/2023		0.11
8/3/2023		0.027 (J)
3/4/2024		0.022 (J)

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 3/28/2024 12:20 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47	GWA-47
4/8/2016	<0.08	
6/14/2016	0.00079 (J)	
8/9/2016	<0.08	
10/11/2016	<0.08	
12/5/2016	<0.08	
2/10/2017	<0.08	
4/7/2017	<0.08	
6/22/2017	<0.08	
10/10/2017	<0.08	
3/22/2018	<0.08	
10/5/2018	<0.08	
3/27/2019	<0.08	
9/12/2019	<0.08	
3/20/2020	<0.08	
9/11/2020	<0.08	
4/5/2021	<0.08	
8/13/2021	<0.08	
2/14/2022	<0.08	
8/31/2022	<0.08	
2/28/2023		0.034 (J)
8/3/2023		<0.08
3/4/2024		<0.08

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 3/28/2024 12:20 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48	GWA-48
4/7/2016	<0.08	
6/17/2016	<0.08	
8/10/2016	<0.08	
10/14/2016	<0.08	
12/19/2016	<0.08	
2/13/2017	<0.08	
4/7/2017	<0.08	
6/22/2017	<0.08	
10/10/2017	<0.08	
3/23/2018	<0.08	
10/3/2018	<0.08	
3/27/2019	<0.08	
9/12/2019	<0.08	
3/19/2020	<0.08	
9/11/2020	<0.08	
4/5/2021	0.044 (J)	
8/12/2021	<0.08	
2/14/2022	<0.08	
8/31/2022	<0.08	
2/28/2023		0.12
8/3/2023		0.023 (J)
3/4/2024		<0.08

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 3/28/2024 12:20 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49	GWA-49
4/7/2016	<0.08	
6/14/2016	<0.08	
8/9/2016	<0.08	
10/11/2016	<0.08	
12/2/2016	<0.08	
2/9/2017	<0.08	
4/7/2017	<0.08	
6/22/2017	<0.08	
10/10/2017	<0.08	
3/22/2018	<0.08	
10/3/2018	<0.08	
3/27/2019	<0.08	
9/12/2019	<0.08	
3/19/2020	<0.08	
9/10/2020	<0.08	
4/6/2021	<0.08	
8/12/2021	<0.08	
2/14/2022	<0.08	
8/30/2022	<0.08	
3/1/2023		<0.08
8/3/2023		<0.08
3/4/2024		<0.08

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 3/28/2024 12:20 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-29
4/11/2016	<0.08	
6/15/2016	0.0021 (J)	
8/10/2016	<0.08	
10/11/2016	<0.08	
12/5/2016	<0.08	
2/13/2017	<0.08	
4/10/2017	<0.08	
6/23/2017	<0.08	
10/10/2017	<0.08	
3/26/2018	<0.08	
10/4/2018	<0.08	
3/28/2019	<0.08	
9/12/2019	<0.08	
3/19/2020	<0.08	
9/10/2020	<0.08	
4/6/2021	<0.08	
8/13/2021	<0.08	
2/14/2022	<0.08	
8/31/2022	<0.08	
3/1/2023		0.075 (J)
8/3/2023		0.025 (J)
3/4/2024		<0.08

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 3/28/2024 12:20 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-50	GWC-50
4/11/2016	<0.08	
6/15/2016	<0.08	
8/10/2016	<0.08	
10/11/2016	<0.08	
12/2/2016	<0.08	
2/13/2017	<0.08	
4/7/2017	<0.08	
6/22/2017	<0.08	
10/10/2017	<0.08	
3/23/2018	<0.08	
10/4/2018	<0.08	
3/28/2019	<0.08	
9/12/2019	<0.08	
3/19/2020	<0.08	
9/10/2020	<0.08	
4/6/2021	<0.08	
8/13/2021	<0.08	
2/14/2022	<0.08	
8/31/2022	<0.08	
3/1/2023		0.95
8/3/2023		<0.08
3/4/2024		<0.08

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 3/28/2024 12:20 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-51	GWC-51
4/11/2016	<0.08	
6/16/2016	<0.08	
8/10/2016	<0.08	
10/13/2016	<0.08	
12/5/2016	<0.08	
2/13/2017	<0.08	
4/10/2017	<0.08	
6/23/2017	<0.08	
10/11/2017	<0.08	
3/26/2018	<0.08	
10/4/2018	<0.08	
3/27/2019	<0.08	
9/12/2019	<0.08	
3/19/2020	<0.08	
9/11/2020	<0.08	
4/5/2021	<0.08	
8/13/2021	<0.08	
2/15/2022	<0.08	
8/31/2022	<0.08	
2/28/2023		0.08
8/3/2023		<0.08
3/4/2024		0.036 (J)

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 3/28/2024 12:20 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-52	GWC-52
4/11/2016	<0.08	
6/16/2016	<0.08	
8/11/2016	<0.08	
10/13/2016	<0.08	
12/5/2016	<0.08	
2/13/2017	<0.08	
4/11/2017	<0.08	
6/24/2017	<0.08	
10/11/2017	<0.08	
3/26/2018	<0.08	
10/4/2018	<0.08	
3/28/2019	<0.08	
9/12/2019	<0.08	
3/19/2020	<0.08	
9/11/2020	<0.08	
4/5/2021	<0.08	
8/17/2021	<0.08	
2/14/2022	<0.08	
8/31/2022	<0.08	
3/1/2023		<0.08
8/3/2023		<0.08
3/4/2024		0.023 (J)

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 3/28/2024 12:20 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-53	GWC-53
4/8/2016	0.824	
6/16/2016	0.8 (J)	
8/11/2016	0.97	
10/13/2016	0.94	
12/6/2016	1	
2/13/2017	0.97	
4/11/2017	0.88	
6/24/2017	0.87	
10/11/2017	1.1	
3/26/2018	0.91	
10/4/2018	0.92	
3/28/2019	0.97	
9/12/2019	0.94	
3/19/2020	1	
9/11/2020	0.97	
4/6/2021	0.97	
8/13/2021	0.94	
2/14/2022	1	
8/31/2022	1	
2/28/2023		0.91
8/3/2023		0.97
3/4/2024		0.97

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 3/28/2024 12:20 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21	GWA-21
4/6/2016	9.27	
6/14/2016	8.2	
8/10/2016	6.9	
10/11/2016	7.6	
12/2/2016	7.4	
2/10/2017	11	
4/10/2017	9.7	
6/23/2017	9.2	
10/9/2017	9.4	
3/26/2018	9.3	
10/3/2018	7.8	
3/27/2019	9.5	
9/12/2019	8.8	
3/19/2020	11	
9/10/2020	8.2	
4/2/2021	9.2	
8/12/2021	7.2	
2/14/2022	8	
8/26/2022	6.8	
2/28/2023		8.1
8/2/2023		6.4
2/29/2024		6.7

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 3/28/2024 12:20 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-22	GWA-22
4/8/2016	8.6	
6/14/2016	6.8	
8/9/2016	6.2	
10/11/2016	6.2	
12/5/2016	5.5	
2/10/2017	7.8	
4/7/2017	7.3	
6/26/2017	6.8	
10/9/2017	5.8	
3/26/2018	8.7	
10/3/2018	6.1	
3/27/2019	7.1	
9/12/2019	6.1	
3/19/2020	9.7	
9/10/2020	5.9	
4/2/2021	9	
8/12/2021	6	
2/15/2022	9.6	
8/26/2022	7.8	
2/28/2023		11
8/3/2023		9.6
3/4/2024		11

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 3/28/2024 12:20 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-45	GWA-45
4/7/2016	38.4	
6/14/2016	32.9	
8/9/2016	29	
10/10/2016	33	
12/2/2016	33	
2/9/2017	42	
4/7/2017	35	
6/22/2017	38	
10/10/2017	40	
3/22/2018	39 (D)	
10/3/2018	41	
3/27/2019	39	
9/12/2019	36	
3/19/2020	45	
9/11/2020	30	
4/2/2021	29	
8/12/2021	26	
2/14/2022	26	
8/31/2022	23	
2/28/2023		23
8/3/2023		23
3/4/2024		25

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 3/28/2024 12:20 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-46	GWA-46
4/7/2016	6.57	
6/14/2016	5.5	
8/9/2016	4.6	
10/10/2016	5.3	
12/2/2016	5.1	
2/10/2017	5.8	
4/7/2017	5.2	
6/23/2017	5.7	
10/10/2017	5.8	
3/23/2018	6.6	
10/4/2018	5.4	
3/27/2019	6.1	
9/12/2019	5.7	
3/19/2020	6.7	
9/11/2020	5.5	
4/5/2021	7	
8/12/2021	6.1	
2/14/2022	5.9	
8/31/2022	5.7	
2/28/2023		6.6
8/3/2023		6.4
3/4/2024		6.8

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 3/28/2024 12:20 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47	GWA-47
4/8/2016	10.7	
6/14/2016	11.3	
8/9/2016	9.6	
10/11/2016	11	
12/5/2016	10	
2/10/2017	11	
4/7/2017	10	
6/22/2017	11	
10/10/2017	11	
3/22/2018	11	
10/5/2018	11	
3/27/2019	11	
9/12/2019	12	
3/20/2020	12	
9/11/2020	11	
4/5/2021	13	
8/13/2021	11	
2/14/2022	11	
8/31/2022	12	
2/28/2023		13
8/3/2023		13
3/4/2024		15

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 3/28/2024 12:20 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48	GWA-48
4/7/2016	12.6	
6/17/2016	12.4	
8/10/2016	11	
10/14/2016	13	
12/19/2016	11	
2/13/2017	13	
4/7/2017	12	
6/22/2017	13	
10/10/2017	13	
3/23/2018	13	
10/3/2018	12	
3/27/2019	13	
9/12/2019	13	
3/19/2020	14	
9/11/2020	12	
4/5/2021	13	
8/12/2021	12	
2/14/2022	11	
8/31/2022	12	
2/28/2023		13
8/3/2023		12
3/4/2024		13

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 3/28/2024 12:20 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49	GWA-49
4/7/2016	15.3	
6/14/2016	14.2	
8/9/2016	13	
10/11/2016	14	
12/2/2016	13	
2/9/2017	14	
4/7/2017	14	
6/22/2017	14	
10/10/2017	15	
3/22/2018	14	
10/3/2018	14	
3/27/2019	15	
9/12/2019	14	
3/19/2020	15	
9/10/2020	14	
4/6/2021	16	
8/12/2021	14	
2/14/2022	13	
8/30/2022	14	
3/1/2023		15
8/3/2023		15
3/4/2024		14

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 3/28/2024 12:20 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-29
4/11/2016	9.7	
6/15/2016	9.5	
8/10/2016	8.5	
10/11/2016	9.3	
12/5/2016	9	
2/13/2017	9.2	
4/10/2017	9.2	
6/23/2017	9.8	
10/10/2017	10	
3/26/2018	11	
10/4/2018	10	
3/28/2019	11	
9/12/2019	12	
3/19/2020	16	
9/10/2020	15	
4/6/2021	17	
8/13/2021	15	
2/14/2022	16	
8/31/2022	17	
3/1/2023		19
8/3/2023		18
3/4/2024		18

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 3/28/2024 12:20 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-50	GWC-50
4/11/2016	7.04	
6/15/2016	7.4	
8/10/2016	6.7	
10/11/2016	6.9	
12/2/2016	6.5	
2/13/2017	7.9	
4/7/2017	6.5	
6/22/2017	6.8	
10/10/2017	7.3	
3/23/2018	7.5	
10/4/2018	6.7	
3/28/2019	7.2	
9/12/2019	7.5	
3/19/2020	7.9	
9/10/2020	7.5	
4/6/2021	7.7	
8/13/2021	7.2	
2/14/2022	6.5	
8/31/2022	7.1	
3/1/2023		20
8/3/2023		8
3/4/2024		7.9

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 3/28/2024 12:20 PM View: Appendix III - Inrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-51	GWC-51
4/11/2016	6.9	
6/16/2016	7.6	
8/10/2016	5.7	
10/13/2016	6.7	
12/5/2016	6.4	
2/13/2017	6.2	
4/10/2017	6.2	
6/23/2017	6.6	
10/11/2017	6.9	
3/26/2018	7	
10/4/2018	6.4	
3/27/2019	7	
9/12/2019	7.1	
3/19/2020	7.1	
9/11/2020	7	
4/5/2021	8	
8/13/2021	7	
2/15/2022	6.4	
8/31/2022	7.2	
2/28/2023		7.6
8/3/2023		8.2
3/4/2024		8.1

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 3/28/2024 12:20 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-52	GWC-52
4/11/2016	12.8	
6/16/2016	14.3	
8/11/2016	11	
10/13/2016	13	
12/5/2016	12	
2/13/2017	13	
4/11/2017	13	
6/24/2017	13	
10/11/2017	15	
3/26/2018	15	
10/4/2018	14	
3/28/2019	15	
9/12/2019	17	
3/19/2020	19	
9/11/2020	18	
4/5/2021	21	
8/17/2021	22	
2/14/2022	18	
8/31/2022	21	
3/1/2023		25
8/3/2023		24
3/4/2024		28

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 3/28/2024 12:20 PM View: Appendix III - Inrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-53	GWC-53
4/8/2016	17.5	
6/16/2016	18.4	
8/11/2016	13	
10/13/2016	15	
12/6/2016	15	
2/13/2017	16	
4/11/2017	17	
6/24/2017	17	
10/11/2017	19	
3/26/2018	19	
10/4/2018	17	
3/28/2019	18	
9/12/2019	18	
3/19/2020	19	
9/11/2020	19	
4/6/2021	19	
8/13/2021	17	
2/14/2022	16	
8/31/2022	17	
2/28/2023		18
8/3/2023		18
3/4/2024		19

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 3/28/2024 12:20 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21	GWA-21
4/6/2016	3.034	
6/14/2016	3.1	
8/10/2016	2.7	
10/11/2016	2.7	
12/2/2016	2.5	
2/10/2017	3.4	
4/10/2017	3.6	
6/23/2017	3.2	
10/9/2017	3.5	
3/26/2018	3.8	
10/3/2018	4	
3/27/2019	2.9	
9/12/2019	3.4	
3/19/2020	3.9	
9/10/2020	3.7	
4/2/2021	3.7	
8/12/2021	4.1	
2/14/2022	4	
8/26/2022	3.6	
2/28/2023		3.6
8/2/2023		3.4
2/29/2024		3.7

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 3/28/2024 12:20 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-22	GWA-22
4/8/2016	2.1	
6/14/2016	4.2	
8/9/2016	5	
10/11/2016	3.8	
12/5/2016	3.6	
2/10/2017	2.2	
4/7/2017	2.2	
6/26/2017	3.4	
10/9/2017	3.4	
3/26/2018	1.9 (D)	
10/3/2018	2.9	
3/27/2019	2	
9/12/2019	2.5	
3/19/2020	2.2	
9/10/2020	2.5	
4/2/2021	1.8	
8/12/2021	2.7	
2/15/2022	1.8	
8/26/2022	2	
2/28/2023		1.8
8/3/2023		1.8
3/4/2024		1.8

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 3/28/2024 12:20 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-45	GWA-45
4/7/2016	8.05	
6/14/2016	9.3	
8/9/2016	10	
10/10/2016	10	
12/2/2016	10	
2/9/2017	9.4	
4/7/2017	9.9	
6/22/2017	9.7	
10/10/2017	9.8	
3/22/2018	9.7 (D)	
10/3/2018	10	
3/27/2019	9.6	
9/12/2019	10	
3/19/2020	9.9	
9/11/2020	12	
4/2/2021	13	
8/12/2021	13	
2/14/2022	10	
8/31/2022	13	
2/28/2023		13
8/3/2023		13
3/4/2024		14

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 3/28/2024 12:20 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-46	GWA-46
4/7/2016	2.914	
6/14/2016	3.1	
8/9/2016	3.2	
10/10/2016	3	
12/2/2016	3	
2/10/2017	2.7	
4/7/2017	2.9	
6/23/2017	3.3	
10/10/2017	3.5	
3/23/2018	3.6	
10/4/2018	3.9	
3/27/2019	3.7	
9/12/2019	4.3	
3/19/2020	4.5	
9/11/2020	4.7	
4/5/2021	5.3	
8/12/2021	5.5	
2/14/2022	5	
8/31/2022	5.1	
2/28/2023		5.2
8/3/2023		5.2
3/4/2024		5.4

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 3/28/2024 12:20 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47	GWA-47
4/8/2016	1.57	
6/14/2016	1.7	
8/9/2016	1.5	
10/11/2016	1.6	
12/5/2016	1.5	
2/10/2017	1.5	
4/7/2017	1.4	
6/22/2017	1.4	
10/10/2017	1.4	
3/22/2018	1.3	
10/5/2018	1.4	
3/27/2019	1.2	
9/12/2019	1.4	
3/20/2020	1.7	
9/11/2020	1.6	
4/5/2021	1.8	
8/13/2021	1.8	
2/14/2022	1.5	
8/31/2022	1.5	
2/28/2023		1.7
8/3/2023		1.6
3/4/2024		1.8

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 3/28/2024 12:20 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48	GWA-48
4/7/2016	1.842	
6/17/2016	1.9	
8/10/2016	1.8	
10/14/2016	1.7	
12/19/2016	2.7 (O)	
2/13/2017	1.8	
4/7/2017	1.7	
6/22/2017	1.7	
10/10/2017	1.6	
3/23/2018	1.6	
10/3/2018	1.6	
3/27/2019	1.5	
9/12/2019	1.7	
3/19/2020	1.9	
9/11/2020	1.8	
4/5/2021	2	
8/12/2021	1.8	
2/14/2022	1.8	
8/31/2022	1.6	
2/28/2023		1.8
8/3/2023		1.7
3/4/2024		1.8

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 3/28/2024 12:20 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49	GWA-49
4/7/2016	2.285	
6/14/2016	2.3	
8/9/2016	2.3	
10/11/2016	2.1	
12/2/2016	2	
2/9/2017	2.1	
4/7/2017	2	
6/22/2017	2	
10/10/2017	2	
3/22/2018	1.9	
10/3/2018	2	
3/27/2019	1.9	
9/12/2019	1.9	
3/19/2020	2.2	
9/10/2020	2.1	
4/6/2021	2.1	
8/12/2021	2.2	
2/14/2022	2	
8/30/2022	2.2	
3/1/2023		2.1
8/3/2023		1.9
3/4/2024		2

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 3/28/2024 12:20 PM View: Appendix III - Inrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-29
4/11/2016	1.57 (O)	
6/15/2016	3.9	
8/10/2016	4	
10/11/2016	3.7	
12/5/2016	3.6	
2/13/2017	3.4	
4/10/2017	3.5	
6/23/2017	3.4	
10/10/2017	3.3	
3/26/2018	3.1	
10/4/2018	3.1	
3/28/2019	2.8	
9/12/2019	3	
3/19/2020	3.4	
9/10/2020	3.3	
4/6/2021	3.3	
8/13/2021	3.7	
2/14/2022	3.8	
8/31/2022	3.5	
3/1/2023		3.9
8/3/2023		3.3
3/4/2024		3.4

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 3/28/2024 12:20 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-50	GWC-50
4/11/2016	2.09	
6/15/2016	2.1	
8/10/2016	2	
10/11/2016	1.9	
12/2/2016	1.9	
2/13/2017	1.9	
4/7/2017	2	
6/22/2017	1.9	
10/10/2017	1.9	
3/23/2018	1.9	
10/4/2018	1.9	
3/28/2019	1.8	
9/12/2019	1.8	
3/19/2020	2.1	
9/10/2020	2.1	
4/6/2021	1.9	
8/13/2021	2.1	
2/14/2022	1.9	
8/31/2022	1.6	
3/1/2023		14
5/2/2023		1.7 (R)
8/3/2023		1.6
3/4/2024		1.9

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 3/28/2024 12:20 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-51	GWC-51
4/11/2016	2.09 (O)	
6/16/2016	6.3	
8/10/2016	6.9	
10/13/2016	6.5	
12/5/2016	6.6	
2/13/2017	6.7	
4/10/2017	6.7	
6/23/2017	6.6	
10/11/2017	6.5	
3/26/2018	6.6	
10/4/2018	6.9	
3/27/2019	7	
9/12/2019	6.8	
3/19/2020	7.3	
9/11/2020	7.7	
4/5/2021	7.8	
8/13/2021	8	
2/15/2022	7.6	
8/31/2022	7.7	
2/28/2023		7.9
8/3/2023		7.8
3/4/2024		8.4

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 3/28/2024 12:20 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-52	GWC-52
4/11/2016	<0.25 (O)	
6/16/2016	7.4	
8/11/2016	8.3	
10/13/2016	7.8	
12/5/2016	8.1	
2/13/2017	8	
4/11/2017	7.6	
6/24/2017	8.3	
10/11/2017	7.9	
3/26/2018	7.8	
10/4/2018	8.1	
3/28/2019	7.5	
9/12/2019	7.7	
3/19/2020	8.2	
9/11/2020	7.9	
4/5/2021	8.2	
8/17/2021	8.3	
2/14/2022	7.6	
8/31/2022	7.6	
3/1/2023		8
8/3/2023		7.6
3/4/2024		8.1

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 3/28/2024 12:20 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-53	GWC-53
4/8/2016	10.065	
6/16/2016	9.4	
8/11/2016	10	
10/13/2016	9.9	
12/6/2016	10	
2/13/2017	10	
4/11/2017	10	
6/24/2017	10	
10/11/2017	10	
3/26/2018	11	
10/4/2018	12	
3/28/2019	12	
9/12/2019	11	
3/19/2020	13	
9/11/2020	12	
4/6/2021	13	
8/13/2021	13	
2/14/2022	12	
8/31/2022	13	
2/28/2023		13
8/3/2023		14
10/4/2023		15 (R)
3/4/2024		15

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 3/28/2024 12:20 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21	GWA-21
4/6/2016	0.035 (J)	
6/14/2016	<0.1	
8/10/2016	<0.1	
10/11/2016	<0.1	
12/2/2016	<0.1	
2/10/2017	<0.1	
4/10/2017	<0.1	
6/23/2017	<0.1	
10/9/2017	<0.1	
3/26/2018	<0.1	
10/3/2018	<0.1	
3/27/2019	0.035 (J)	
9/12/2019	0.04 (J)	
3/19/2020	0.059 (J)	
9/10/2020	0.044 (J)	
4/2/2021	0.028 (J)	
8/12/2021	0.04 (J)	
2/14/2022	0.058 (J)	
8/26/2022	0.092 (J)	
2/28/2023		0.076 (J)
8/2/2023		0.044 (J)
2/29/2024		<0.1

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 3/28/2024 12:20 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-22	GWA-22
4/8/2016	<0.1	
6/14/2016	<0.1	
8/9/2016	<0.1	
10/11/2016	<0.1	
12/5/2016	<0.1	
2/10/2017	<0.1	
4/7/2017	<0.1	
6/26/2017	<0.1	
10/9/2017	<0.1	
3/26/2018	<0.1 (D)	
10/3/2018	<0.1	
3/27/2019	0.036 (J)	
9/12/2019	0.043 (J)	
3/19/2020	0.054 (J)	
9/10/2020	0.034 (J)	
4/2/2021	0.032 (J)	
8/12/2021	0.028 (J)	
2/15/2022	0.088 (J)	
8/26/2022	0.028 (J)	
2/28/2023		0.071 (J)
8/3/2023		0.042 (J)
3/4/2024		<0.1

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 3/28/2024 12:20 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-45	GWA-45
4/7/2016	0.035 (J)	
6/14/2016	<0.1	
8/9/2016	<0.1	
10/10/2016	<0.1	
12/2/2016	<0.1	
2/9/2017	<0.1	
4/7/2017	<0.1	
6/22/2017	<0.1	
10/10/2017	<0.1	
3/22/2018	<0.1 (D)	
10/3/2018	<0.1	
3/27/2019	<0.1	
9/12/2019	0.026 (J)	
3/19/2020	0.041 (J)	
9/11/2020	<0.1	
4/2/2021	<0.1	
8/12/2021	<0.1	
2/14/2022	0.052 (J)	
8/31/2022	0.033 (J)	
2/28/2023		0.069 (J)
8/3/2023		<0.1
3/4/2024		<0.1

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 3/28/2024 12:20 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-46	GWA-46
4/7/2016	0.024 (J)	
6/14/2016	<0.1	
8/9/2016	<0.1	
10/10/2016	<0.1	
12/2/2016	<0.1	
2/10/2017	<0.1	
4/7/2017	<0.1	
6/23/2017	<0.1	
10/10/2017	<0.1	
3/23/2018	<0.1	
10/4/2018	<0.1	
3/27/2019	0.033 (J)	
9/12/2019	<0.1	
3/19/2020	<0.1	
9/11/2020	<0.1	
4/5/2021	0.039 (J)	
8/12/2021	0.11	
2/14/2022	0.05 (J)	
8/31/2022	0.033 (J)	
2/28/2023		0.05 (J)
8/3/2023		<0.1
3/4/2024		<0.1

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 3/28/2024 12:20 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47	GWA-47
4/8/2016	<0.1	
6/14/2016	<0.1	
8/9/2016	<0.1	
10/11/2016	<0.1	
12/5/2016	<0.1	
2/10/2017	<0.1	
4/7/2017	<0.1	
6/22/2017	<0.1	
10/10/2017	<0.1	
3/22/2018	<0.1	
10/5/2018	<0.1	
3/27/2019	0.041 (J)	
9/12/2019	0.041 (J)	
3/20/2020	<0.1	
9/11/2020	0.034 (J)	
4/5/2021	0.038 (J)	
8/13/2021	0.09 (J)	
2/14/2022	0.068 (J)	
8/31/2022	0.056 (J)	
2/28/2023		0.059 (J)
8/3/2023		0.047 (J)
3/4/2024		<0.1

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 3/28/2024 12:20 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48	GWA-48
4/7/2016	0.044 (J)	
6/17/2016	<0.1	
8/10/2016	<0.1	
10/14/2016	<0.1	
12/19/2016	0.1 (J)	
2/13/2017	<0.1	
4/7/2017	<0.1	
6/22/2017	<0.1	
10/10/2017	<0.1	
3/23/2018	<0.1	
10/3/2018	<0.1	
3/27/2019	0.04 (J)	
9/12/2019	0.044 (J)	
3/19/2020	0.049 (J)	
9/11/2020	0.035 (J)	
4/5/2021	0.031 (J)	
8/12/2021	0.052 (J)	
2/14/2022	0.056 (J)	
8/31/2022	0.053 (J)	
2/28/2023		0.079 (J)
8/3/2023		0.045 (J)
3/4/2024		<0.1

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 3/28/2024 12:20 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49	GWA-49
4/7/2016	0.041 (J)	
6/14/2016	<0.1	
8/9/2016	<0.1	
10/11/2016	<0.1	
12/2/2016	<0.1	
2/9/2017	<0.1	
4/7/2017	<0.1	
6/22/2017	<0.1	
10/10/2017	<0.1	
3/22/2018	<0.1	
10/3/2018	<0.1	
3/27/2019	0.037 (J)	
9/12/2019	0.042 (J)	
3/19/2020	0.044 (J)	
9/10/2020	0.036 (J)	
4/6/2021	0.03 (J)	
8/12/2021	0.058 (J)	
2/14/2022	0.07 (J)	
8/30/2022	0.044 (J)	
3/1/2023		0.036 (J)
8/3/2023		0.044 (J)
3/4/2024		<0.1

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 3/28/2024 12:20 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-29
4/11/2016	0.033 (J)	
6/15/2016	<0.1	
8/10/2016	<0.1	
10/11/2016	<0.1	
12/5/2016	<0.1	
2/13/2017	<0.1	
4/10/2017	<0.1	
6/23/2017	<0.1	
10/10/2017	<0.1	
3/26/2018	<0.1	
10/4/2018	<0.1	
3/28/2019	0.033 (J)	
9/12/2019	0.042 (J)	
3/19/2020	0.042 (J)	
9/10/2020	0.04 (J)	
4/6/2021	0.031 (J)	
8/13/2021	0.065 (J)	
2/14/2022	0.074 (J)	
8/31/2022	0.082 (J)	
3/1/2023		0.042 (J)
8/3/2023		0.06 (J)
3/4/2024		<0.1

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 3/28/2024 12:20 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-50	GWC-50
4/11/2016	0.027 (J)	
6/15/2016	<0.1	
8/10/2016	<0.1	
10/11/2016	<0.1	
12/2/2016	<0.1	
2/13/2017	<0.1	
4/7/2017	<0.1	
6/22/2017	<0.1	
10/10/2017	<0.1	
3/23/2018	<0.1	
10/4/2018	<0.1	
3/28/2019	0.042 (J)	
9/12/2019	0.028 (J)	
3/19/2020	0.039 (J)	
9/10/2020	<0.1	
4/6/2021	<0.1	
8/13/2021	0.048 (J)	
2/14/2022	0.057 (J)	
8/31/2022	0.065 (J)	
3/1/2023		0.029 (J)
8/3/2023		<0.1
3/4/2024		<0.1

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 3/28/2024 12:20 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-51	GWC-51
4/11/2016	0.027 (J)	
6/16/2016	<0.1	
8/10/2016	<0.1	
10/13/2016	<0.1	
12/5/2016	<0.1	
2/13/2017	<0.1	
4/10/2017	<0.1	
6/23/2017	<0.1	
10/11/2017	<0.1	
3/26/2018	<0.1	
10/4/2018	<0.1	
3/27/2019	<0.1	
9/12/2019	0.028 (J)	
3/19/2020	0.037 (J)	
9/11/2020	0.049 (J)	
4/5/2021	<0.1	
8/13/2021	0.043 (J)	
2/15/2022	0.06 (J)	
8/31/2022	0.066 (J)	
2/28/2023		0.074 (J)
8/3/2023		<0.1
3/4/2024		<0.1

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 3/28/2024 12:20 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-52	GWC-52
4/11/2016	<0.1	
6/16/2016	<0.1	
8/11/2016	<0.1	
10/13/2016	<0.1	
12/5/2016	<0.1	
2/13/2017	<0.1	
4/11/2017	<0.1	
6/24/2017	<0.1	
10/11/2017	<0.1	
3/26/2018	<0.1	
10/4/2018	<0.1	
3/28/2019	0.039 (J)	
9/12/2019	0.042 (J)	
3/19/2020	0.053 (J)	
9/11/2020	0.041 (J)	
4/5/2021	0.05 (J)	
8/17/2021	0.094 (J)	
2/14/2022	0.055 (J)	
8/31/2022	0.053 (J)	
3/1/2023		0.066 (J)
8/3/2023		0.046 (J)
3/4/2024		<0.1

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 3/28/2024 12:20 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-53	GWC-53
4/8/2016	<0.1	
6/16/2016	<0.1	
8/11/2016	<0.1	
10/13/2016	<0.1	
12/6/2016	<0.1	
2/13/2017	<0.1	
4/11/2017	<0.1	
6/24/2017	<0.1	
10/11/2017	<0.1	
3/26/2018	<0.1	
10/4/2018	<0.1	
3/28/2019	<0.1	
9/12/2019	<0.1	
3/19/2020	<0.1	
9/11/2020	<0.1	
4/6/2021	<0.1	
8/13/2021	0.034 (J)	
2/14/2022	0.041 (J)	
8/31/2022	0.055 (J)	
2/28/2023		0.031 (J)
8/3/2023		<0.1
3/4/2024		<0.1

Prediction Limit

Constituent: pH (S.U.) Analysis Run 3/28/2024 12:20 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21	GWA-21
11/8/2014	5.89	
11/13/2015	5.65	
4/6/2016	5.9 (D)	
6/14/2016	5.75	
8/10/2016	5.75	
10/11/2016	5.8	
12/2/2016	5.78	
2/10/2017	5.83	
4/10/2017	5.74	
6/26/2017	5.83	
10/9/2017	5.61	
3/26/2018	5.76	
10/3/2018	5.78	
3/27/2019	5.97	
9/12/2019	5.83	
3/19/2020	5.81	
9/10/2020	5.83	
4/2/2021	6.06	
8/12/2021	5.88	
2/14/2022	5.99	
8/26/2022	5.73 (D)	
2/28/2023		5.81
8/2/2023		5.86
2/29/2024		5.8

Prediction Limit

Constituent: pH (S.U.) Analysis Run 3/28/2024 12:20 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-22	GWA-22
11/8/2014	5.92	
5/21/2015	5.97	
11/13/2015	5.8	
4/8/2016	6.12	
6/14/2016	5.84	
8/9/2016	5.75	
10/11/2016	5.84	
12/5/2016	5.7	
2/10/2017	6.17	
4/7/2017	5.99	
6/26/2017	5.87	
10/9/2017	5.52	
3/26/2018	6.06	
10/3/2018	5.83	
3/27/2019	6.04	
9/12/2019	5.87	
3/19/2020	6.14	
9/10/2020	5.78	
4/2/2021	6.03	
8/12/2021	5.91	
2/15/2022	6.4	
8/26/2022	5.86 (D)	
2/28/2023		6.21
8/3/2023		6.03
3/4/2024		6.41

Prediction Limit

Constituent: pH (S.U.) Analysis Run 3/28/2024 12:20 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-45	GWA-45
11/7/2014	6.26	
11/13/2015	6.02	
4/7/2016	6.48	
6/14/2016	6.05	
8/9/2016	6.05	
10/10/2016	6.02	
12/2/2016	5.95	
2/9/2017	6.24	
4/7/2017	5.95	
6/22/2017	6.02	
10/10/2017	6	
3/22/2018	6.2	
10/3/2018	6.03	
3/27/2019	6.31	
9/13/2019	5.96	
3/19/2020	6.46	
9/11/2020	5.98	
4/2/2021	5.92	
8/12/2021	5.92	
2/14/2022	6.31	
8/31/2022	6.03	
10/25/2022	5.99	
11/16/2022	6.02	
2/28/2023		5.88
8/3/2023		5.93
3/4/2024		6.54

Prediction Limit

Constituent: pH (S.U.) Analysis Run 3/28/2024 12:20 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-46	GWA-46
11/7/2014	5.92	
11/13/2015	5.78	
4/7/2016	6.83	
6/14/2016	5.82	
8/1/2016	5.78	
10/10/2016	5.78	
12/2/2016	5.71	
2/10/2017	5.79	
4/7/2017	5.93	
6/23/2017	5.77	
10/10/2017	5.81	
3/23/2018	5.89	
10/4/2018	5.86	
3/27/2019	5.95	
9/12/2019	5.83	
3/19/2020	5.93	
9/11/2020	6.02	
4/5/2021	5.92	
6/1/2021	5.8	
8/12/2021	5.71	
2/14/2022	5.85	
8/31/2022	5.8	
10/25/2022	5.88	
11/16/2022	5.88	
2/28/2023		5.91
8/3/2023		5.841351
3/4/2024		5.94

Prediction Limit

Constituent: pH (S.U.) Analysis Run 3/28/2024 12:20 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47	GWA-47
11/7/2014	6.54	
11/12/2015	6.43	
4/7/2016	6.45 (D)	
4/8/2016	6.45	
6/14/2016	6.4	
8/9/2016	6.43	
10/11/2016	6.34	
12/5/2016	6.46	
2/10/2017	6.33	
4/7/2017	6.38	
6/22/2017	6.45	
10/10/2017	6.44	
3/22/2018	6.46	
10/5/2018	6.47	
3/27/2019	6.52	
9/12/2019	6.49	
3/19/2020	6.39	
3/20/2020	6.39	
9/11/2020	6.59	
4/5/2021	6.59	
6/1/2021	6.46	
8/13/2021	6.33	
2/14/2022	6.6	
8/31/2022	6.53	
10/25/2022	6.48	
11/16/2022	6.51	
2/28/2023		6.52
8/3/2023		6.42
3/4/2024		6.49

Prediction Limit

Constituent: pH (S.U.) Analysis Run 3/28/2024 12:20 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48	GWA-48
11/7/2014	6.91	
11/12/2015	6.81	
4/7/2016	6.74	
6/17/2016	6.78	
8/10/2016	6.73	
10/14/2016	6.7	
12/5/2016	6.71	
2/13/2017	6.56	
4/7/2017	6.62	
6/22/2017	6.76	
10/10/2017	6.7	
3/23/2018	6.92	
10/3/2018	6.81	
3/27/2019	6.86	
9/12/2019	6.78	
3/19/2020	6.73	
9/11/2020	6.76	
4/5/2021	6.78	
6/1/2021	6.78	
8/12/2021	6.86	
2/14/2022	6.93	
8/31/2022	6.91	
10/25/2022	6.81	
11/16/2022	6.83	
2/28/2023		6.87
8/3/2023		6.84
3/4/2024		6.86

Prediction Limit

Constituent: pH (S.U.) Analysis Run 3/28/2024 12:20 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49	GWA-49
11/7/2014	6.99	
11/12/2015	7	
4/7/2016	6.85	
6/14/2016	6.83	
8/9/2016	6.77	
10/11/2016	6.83	
12/2/2016	6.79	
2/9/2017	6.65	
4/7/2017	6.75	
6/22/2017	6.85	
10/10/2017	6.84	
3/22/2018	7	
10/3/2018	6.93	
3/27/2019	6.91	
9/12/2019	6.82	
3/19/2020	6.87	
9/10/2020	6.91	
4/6/2021	6.87	
8/12/2021	6.86	
2/14/2022	7.1	
8/30/2022	7.08	
10/25/2022	6.96	
11/16/2022	6.91	
3/1/2023		6.98
8/3/2023		6.88
3/4/2024		6.96

Prediction Limit

Constituent: pH (S.U.) Analysis Run 3/28/2024 12:20 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-29
5/22/2015	5.8	
11/13/2015	5.87	
4/11/2016	5.84	
6/15/2016	5.82	
8/10/2016	5.82	
10/11/2016	5.78	
12/5/2016	5.72	
2/13/2017	5.81	
4/10/2017	5.75	
6/23/2017	5.78	
10/10/2017	5.82	
3/26/2018	5.91	
10/4/2018	5.83	
3/28/2019	5.95	
9/12/2019	5.98	
3/19/2020	5.97	
9/10/2020	6.09	
4/6/2021	6.3	
8/13/2021	6.18	
2/14/2022	6.29	
8/31/2022	6.21	
10/25/2022	6.21	
11/16/2022	6.14	
3/1/2023		6.11
8/3/2023		5.94
3/4/2024		6.52

Prediction Limit

Constituent: pH (S.U.) Analysis Run 3/28/2024 12:20 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-50	GWC-50
11/8/2014	5.94	
5/22/2015	5.79	
11/13/2015	5.92	
4/11/2016	5.82	
6/15/2016	5.85	
8/10/2016	5.85	
10/11/2016	5.76	
12/2/2016	5.76	
2/13/2017	5.8	
4/7/2017	5.75	
6/22/2017	5.83	
10/10/2017	5.76	
3/23/2018	5.98	
10/4/2018	5.85	
3/28/2019	5.71	
9/13/2019	5.78	
3/19/2020	5.78	
9/10/2020	5.78	
4/6/2021	5.76	
8/13/2021	5.86	
2/14/2022	5.9	
8/31/2022	5.85	
10/25/2022	5.89	
11/16/2022	5.81	
3/1/2023		5.69
5/2/2023		5.82 (R)
8/3/2023		5.89
3/4/2024		5.77

Prediction Limit

Constituent: pH (S.U.) Analysis Run 3/28/2024 12:20 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-51	GWC-51
11/7/2014	5.95	
5/22/2015	5.84	
5/25/2015	8.36 (o)	
11/13/2015	5.82	
4/11/2016	5.88	
6/16/2016	5.85	
8/10/2016	5.83	
10/13/2016	5.84	
12/5/2016	5.81	
2/13/2017	5.76	
4/10/2017	5.78	
6/23/2017	5.82	
10/11/2017	5.83	
3/26/2018	5.98	
10/4/2018	5.85	
3/27/2019	5.94	
9/12/2019	5.86	
3/19/2020	5.9	
9/11/2020	5.84	
4/5/2021	5.99	
6/2/2021	5.87	
8/13/2021	5.92	
2/15/2022	6.02	
8/31/2022	5.91	
10/25/2022	5.94	
11/16/2022	5.87	
2/28/2023		5.86
8/3/2023		5.86
3/4/2024		5.85

Prediction Limit

Constituent: pH (S.U.) Analysis Run 3/28/2024 12:20 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-52	GWC-52
11/7/2014	6.75	
5/22/2015	6.65	
5/25/2015	7.63 (o)	
11/13/2015	6.77	
4/11/2016	6.64	
6/16/2016	6.6	
8/11/2016	6.61	
10/13/2016	6.64	
12/5/2016	6.63	
2/13/2017	6.59	
4/11/2017	6.53	
6/26/2017	6.6	
10/11/2017	6.61	
3/26/2018	6.77	
10/4/2018	6.67	
3/28/2019	6.71	
9/12/2019	6.68	
3/19/2020	6.64	
9/11/2020	6.64	
4/5/2021	6.68	
6/2/2021	6.6	
8/17/2021	6.63	
2/14/2022	6.79	
8/31/2022	6.74	
10/25/2022	6.65	
11/16/2022	6.65	
3/1/2023		6.59
8/3/2023		6.63
3/4/2024		7.01

Prediction Limit

Constituent: pH (S.U.) Analysis Run 3/28/2024 12:20 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-53	GWC-53
11/7/2014	5.67	
5/25/2015	7.725 (oD)	
11/13/2015	5.52	
4/8/2016	5.63	
6/16/2016	5.56	
8/11/2016	5.56	
10/13/2016	5.61	
12/6/2016	5.48	
2/13/2017	5.57	
4/11/2017	5.52	
6/26/2017	5.56	
10/11/2017	5.51	
3/26/2018	5.78	
10/4/2018	5.56	
3/28/2019	5.67	
9/13/2019	5.55	
3/19/2020	5.65	
9/11/2020	5.69	
4/6/2021	5.67	
8/13/2021	5.47	
2/14/2022	5.65	
8/31/2022	5.59	
10/25/2022	5.64	
11/16/2022	5.65	
2/28/2023		5.66
8/3/2023		5.56
3/4/2024		5.9

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 3/28/2024 12:20 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21	GWA-21
4/6/2016	0.813 (J)	
6/14/2016	<1.1	
8/10/2016	0.9 (J)	
10/11/2016	0.99 (J)	
12/2/2016	0.99 (J)	
2/10/2017	1.4	
4/10/2017	1.6	
6/23/2017	1.8	
10/9/2017	2.5	
3/26/2018	2.3	
10/3/2018	1.9	
3/27/2019	0.81 (J)	
9/12/2019	1.3	
3/19/2020	0.92 (J)	
9/10/2020	1.3	
4/2/2021	0.99 (J)	
8/12/2021	1.8	
2/14/2022	1	
8/26/2022	2.7	
2/28/2023		2.7
8/2/2023		1.4
2/29/2024		2.8

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 3/28/2024 12:20 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-22	GWA-22
4/8/2016	<1	
6/14/2016	<1	
8/9/2016	<1	
10/11/2016	<1	
12/5/2016	<1	
2/10/2017	<1	
4/7/2017	<1	
6/26/2017	<1	
10/9/2017	<1	
3/26/2018	<1 (D)	
10/3/2018	<1	
3/27/2019	<1	
9/12/2019	0.38 (J)	
3/19/2020	<1	
9/10/2020	<1	
4/2/2021	<1	
8/12/2021	<1	
2/15/2022	0.87 (J)	
8/26/2022	<1	
2/28/2023		1.7
8/3/2023		<1
3/4/2024		<1

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 3/28/2024 12:20 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-45	GWA-45
4/7/2016	107.095	
6/14/2016	160	
8/9/2016	130	
10/10/2016	140	
12/2/2016	150	
2/9/2017	150	
4/7/2017	140	
6/22/2017	160	
10/10/2017	160	
3/22/2018	150 (D)	
10/3/2018	140	
3/27/2019	140	
9/12/2019	170	
3/19/2020	150	
9/11/2020	170	
4/2/2021	180	
8/12/2021	180	
2/14/2022	130	
8/31/2022	170	
2/28/2023		170
8/3/2023		170
3/4/2024		160

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 3/28/2024 12:20 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-46	GWA-46
4/7/2016	0.594 (J)	
6/14/2016	<1	
8/9/2016	<1	
10/10/2016	<1	
12/2/2016	<1	
2/10/2017	<1	
4/7/2017	<1	
6/23/2017	<1	
10/10/2017	<1	
3/23/2018	<1	
10/4/2018	<1	
3/27/2019	0.52 (J)	
9/12/2019	0.61 (J)	
3/19/2020	0.39 (J)	
9/11/2020	0.99 (J)	
4/5/2021	<1	
8/12/2021	1	
2/14/2022	<1	
8/31/2022	1.1	
2/28/2023		1.7
8/3/2023		0.49 (J)
3/4/2024		0.64 (J)

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 3/28/2024 12:20 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47	GWA-47
4/8/2016	<1	
6/14/2016	<1	
8/9/2016	<1	
10/11/2016	<1	
12/5/2016	<1	
2/10/2017	<1	
4/7/2017	<1	
6/22/2017	<1	
10/10/2017	<1	
3/22/2018	<1	
10/5/2018	<1	
3/27/2019	<1	
9/12/2019	0.4 (J)	
3/20/2020	0.58 (J)	
9/11/2020	0.39 (J)	
4/5/2021	<1	
8/13/2021	<1	
2/14/2022	<1	
8/31/2022	1.1	
2/28/2023		1.6
8/3/2023		<1
3/4/2024		0.46 (J)

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 3/28/2024 12:20 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48	GWA-48
4/7/2016	1.522	
6/17/2016	1.1	
8/10/2016	1.1	
10/14/2016	0.89 (J)	
12/19/2016	1.2	
2/13/2017	1.4	
4/7/2017	1.2	
6/22/2017	1.1	
10/10/2017	0.92 (J)	
3/23/2018	1.3	
10/3/2018	1.2	
3/27/2019	1.6	
9/12/2019	1.2	
3/19/2020	1.5	
9/11/2020	1.3	
4/5/2021	1.3	
8/12/2021	1	
2/14/2022	1.2	
8/31/2022	1.6	
2/28/2023		2.5
8/3/2023		0.94 (J)
3/4/2024		1.4

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 3/28/2024 12:20 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49	GWA-49
4/7/2016	0.507 (J)	
6/14/2016	<1	
8/9/2016	<1	
10/11/2016	<1	
12/2/2016	<1	
2/9/2017	<1	
4/7/2017	<1	
6/22/2017	<1	
10/10/2017	<1	
3/22/2018	<1	
10/3/2018	<1	
3/27/2019	0.56 (J)	
9/12/2019	0.77 (J)	
3/19/2020	0.56 (J)	
9/10/2020	0.42 (J)	
4/6/2021	<1	
8/12/2021	<1	
2/14/2022	0.85 (J)	
8/30/2022	0.76 (J)	
3/1/2023		1.2
8/3/2023		0.46 (J)
3/4/2024		0.66 (J)

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 3/28/2024 12:20 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-29
4/11/2016	2.15	
6/15/2016	<2.5	
8/10/2016	2.5	
10/11/2016	2.7	
12/5/2016	2.6	
2/13/2017	2.4	
4/10/2017	2.3	
6/23/2017	2.5	
10/10/2017	2.5	
3/26/2018	2.4	
10/4/2018	2.8	
3/28/2019	3.2	
9/12/2019	3.2	
3/19/2020	3.2	
9/10/2020	2.7	
4/6/2021	2.5	
8/13/2021	2.7	
2/14/2022	2.9	
8/31/2022	2.8	
3/1/2023		2.4
8/3/2023		1.7
3/4/2024		2.1

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 3/28/2024 12:20 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-50	GWC-50
4/11/2016	<1	
6/15/2016	<1	
8/10/2016	<1	
10/11/2016	<1	
12/2/2016	<1	
2/13/2017	<1	
4/7/2017	<1	
6/22/2017	<1	
10/10/2017	<1	
3/23/2018	<1	
10/4/2018	<1	
3/28/2019	0.38 (J)	
9/12/2019	<1	
3/19/2020	<1	
9/10/2020	<1	
4/6/2021	<1	
8/13/2021	<1	
2/14/2022	<1	
8/31/2022	0.88 (J)	
3/1/2023		170
8/3/2023		<1
3/4/2024		<1

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 3/28/2024 12:20 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-51	GWC-51
4/11/2016	0.415 (J)	
6/16/2016	<0.7	
8/10/2016	<0.7	
10/13/2016	<0.7	
12/5/2016	<0.7	
2/13/2017	<0.7	
4/10/2017	<0.7	
6/23/2017	<0.7	
10/11/2017	<0.7	
3/26/2018	<0.7	
10/4/2018	<0.7	
3/27/2019	2.7	
9/12/2019	0.65 (J)	
3/19/2020	0.71 (J)	
9/11/2020	2.6	
4/5/2021	1.7	
8/13/2021	1.4	
2/15/2022	1.8	
8/31/2022	2.4	
2/28/2023		3.2
8/3/2023		2.2
3/4/2024		2.9

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 3/28/2024 12:20 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-52	GWC-52
4/11/2016	<1	
6/16/2016	10	
8/11/2016	9.8	
10/13/2016	11	
12/5/2016	13	
2/13/2017	14	
4/11/2017	12	
6/24/2017	12	
10/11/2017	13	
3/26/2018	20	
10/4/2018	23	
3/28/2019		29
9/12/2019		34
3/19/2020		40
9/11/2020		39
4/5/2021		57
8/17/2021		54
2/14/2022		56
8/31/2022		65
3/1/2023		70
8/3/2023		74
3/4/2024		90

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 3/28/2024 12:20 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-53	GWC-53
4/8/2016	135.355	
6/16/2016	140	
8/11/2016	130	
10/13/2016	140	
12/6/2016	150	
2/13/2017	160	
4/11/2017	130	
6/24/2017	160	
10/11/2017	160	
3/26/2018	160	
10/4/2018	170	
3/28/2019	170	
9/12/2019	170	
3/19/2020	170	
9/11/2020	160	
4/6/2021	160	
8/13/2021	170	
2/14/2022	150	
8/31/2022	170	
2/28/2023		170
8/3/2023		170
3/4/2024		180

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 3/28/2024 12:20 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21	GWA-21
4/6/2016	51	
6/14/2016	62	
8/10/2016	70	
10/11/2016	84	
12/2/2016	74	
2/10/2017	100	
4/10/2017	82	
6/23/2017	72	
10/9/2017	82	
3/26/2018	94	
10/3/2018	72	
3/27/2019	98	
9/12/2019	130	
3/19/2020	100	
9/10/2020	110	
4/2/2021	100	
8/12/2021	98	
2/14/2022	100	
8/26/2022	110	
2/28/2023		98
8/2/2023		98
2/29/2024		92

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 3/28/2024 12:20 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-22	GWA-22
4/8/2016	74	
6/14/2016	111	
8/9/2016	44	
10/11/2016	64	
12/5/2016	52	
2/10/2017	86	
4/7/2017	68	
6/26/2017	76	
10/9/2017	50	
3/26/2018	56	
10/3/2018	42	
3/27/2019	76	
9/12/2019	72	
3/19/2020	65	
9/10/2020	56	
4/2/2021	69	
8/12/2021	68	
2/15/2022	85	
8/26/2022	83	
2/28/2023		99
8/3/2023		77
3/4/2024		96

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 3/28/2024 12:20 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-45	GWA-45
4/7/2016	237	
6/14/2016	240	
8/9/2016	230	
10/10/2016	240	
12/2/2016	270	
2/9/2017	240	
4/7/2017	260	
6/22/2017	300	
10/10/2017	280	
3/22/2018	310	
10/3/2018	190	
3/27/2019	290	
9/12/2019	340	
3/19/2020	310	
9/11/2020	340	
4/2/2021	360	
8/12/2021	330	
2/14/2022	290	
11/16/2022	300	
2/28/2023		320
8/3/2023		310
3/4/2024		310

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 3/28/2024 12:20 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-46	GWA-46
4/7/2016	69	
6/14/2016	<25	
8/9/2016	40	
10/10/2016	34	
12/2/2016	50	
2/10/2017	60	
4/7/2017	70	
6/23/2017	42	
10/10/2017	34	
3/23/2018	52	
10/4/2018	48	
3/27/2019	66	
9/12/2019	97	
3/19/2020	51	
9/11/2020	51	
4/5/2021	46	
8/12/2021	55	
2/14/2022	68	
11/16/2022	55	
2/28/2023		64
8/3/2023		63
3/4/2024		66

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 3/28/2024 12:20 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47	GWA-47
4/8/2016	89	
6/14/2016	55	
8/9/2016	90	
10/11/2016	86	
12/5/2016	74	
2/10/2017	100	
4/7/2017	92	
6/22/2017	64	
10/10/2017	68	
3/22/2018	92	
10/5/2018	90	
3/27/2019	94	
9/12/2019	88	
3/20/2020	99	
9/11/2020	110	
4/5/2021	63	
8/13/2021	110	
2/14/2022	94	
11/16/2022	94	
2/28/2023		120
8/3/2023		100
3/4/2024		99

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 3/28/2024 12:20 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48	GWA-48
4/7/2016	100	
6/17/2016	69	
8/10/2016	110	
10/14/2016	100	
12/19/2016	100	
2/13/2017	80	
4/7/2017	86	
6/22/2017	72	
10/10/2017	70	
3/23/2018	86	
10/3/2018	88	
3/27/2019	100	
9/12/2019	110	
3/19/2020	97	
9/11/2020	120	
4/5/2021	99	
8/12/2021	100	
2/14/2022	100	
11/16/2022	100	
2/28/2023		110
8/3/2023		100
3/4/2024		100

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 3/28/2024 12:20 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49	GWA-49
4/7/2016	114	
6/14/2016	56 (O)	
8/9/2016	100	
10/11/2016	110	
12/2/2016	94	
2/9/2017	100	
4/7/2017	100	
6/22/2017	110	
10/10/2017	100	
3/22/2018	100	
10/3/2018	96	
3/27/2019	120	
9/12/2019	120	
3/19/2020	110	
9/10/2020	130	
4/6/2021	110	
8/12/2021	120	
2/14/2022	110	
11/16/2022	110	
3/1/2023		120
8/3/2023		130
3/4/2024		110

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 3/28/2024 12:20 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-29
4/11/2016	88	
6/15/2016	114	
8/10/2016	82	
10/11/2016	92	
12/5/2016	86	
2/13/2017	62	
4/10/2017	60	
6/23/2017	74	
10/10/2017	86	
3/26/2018	58 (J)	
10/4/2018	130	
3/28/2019	88	
9/12/2019	110	
3/19/2020	110	
9/10/2020	120	
4/6/2021	110	
8/13/2021	120	
2/14/2022	120	
11/16/2022	110	
3/1/2023		130
8/3/2023		120
3/4/2024		110

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 3/28/2024 12:20 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-50	GWC-50
4/11/2016	79	
6/15/2016	79	
8/10/2016	72	
10/11/2016	76	
12/2/2016	60	
2/13/2017	58	
4/7/2017	68	
6/22/2017	16	
10/10/2017	44	
3/23/2018	96	
10/4/2018	110	
3/28/2019	65	
9/12/2019	89	
3/19/2020	64	
9/10/2020	82	
4/6/2021	49	
8/13/2021	72	
2/14/2022	79	
11/16/2022	76	
3/1/2023		290
8/3/2023		77
3/4/2024		68

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 3/28/2024 12:20 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-51	GWC-51
4/11/2016	88	
6/16/2016	74	
8/10/2016	66	
10/13/2016	72	
12/5/2016	70	
2/13/2017	12 (O)	
4/10/2017	80	
6/23/2017	66	
10/11/2017	56	
3/26/2018	72	
10/4/2018	96	
3/27/2019	76	
9/12/2019	110	
3/19/2020	66	
9/11/2020	87	
4/5/2021	66	
8/13/2021	92	
2/15/2022	67	
11/16/2022	89	
2/28/2023		84
8/3/2023		82
3/4/2024		86

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 3/28/2024 12:20 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-52	GWC-52
4/11/2016	103	
6/16/2016	117	
8/11/2016	94	
10/13/2016	110	
12/5/2016	130	
2/13/2017	92	
4/11/2017	120	
6/24/2017	120	
10/11/2017	120	
3/26/2018	98	
10/4/2018	190	
3/28/2019	140	
9/12/2019	160	
3/19/2020	160	
9/11/2020	170	
4/5/2021	170	
8/17/2021	180	
2/14/2022	150	
11/16/2022	180	
3/1/2023		190
8/3/2023		200
3/4/2024		200

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 3/28/2024 12:20 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-53	GWC-53
4/8/2016	237	
6/16/2016	231	
8/11/2016	190	
10/13/2016	230	
12/6/2016	260	
2/13/2017	230	
4/11/2017	210	
6/24/2017	250	
10/11/2017	280	
3/26/2018	240	
10/4/2018	320	
3/28/2019	280	
9/12/2019	300	
3/19/2020	270	
9/11/2020	290	
4/6/2021	250	
8/13/2021	290	
2/14/2022	280	
11/16/2022	270	
2/28/2023		280
8/3/2023		290
3/4/2024		310

FIGURE H.

Appendix III Interwell Prediction Limits - Two-Step - Significant Result

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 3/28/2024, 12:22 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBg	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Chloride (mg/L)	GWC-53	14	n/a	3/4/2024	15	Yes	153	n/a		n/a	0	n/a	n/a	0.00008465	NP Inter (normality) 1 of 2

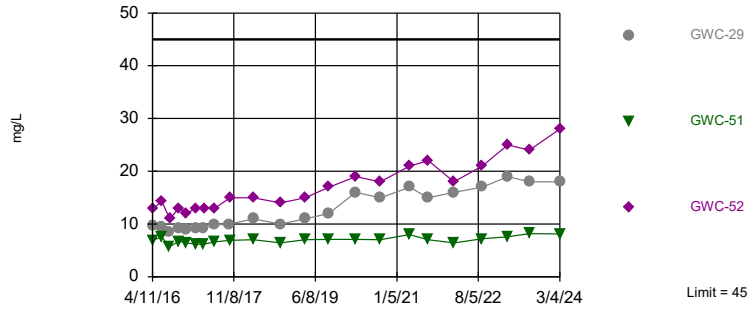
Appendix III Interwell Prediction Limits - Two-Step - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 3/28/2024, 12:22 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBg	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Calcium (mg/L)	GWC-29	45	n/a	3/4/2024	18	No	154	n/a	n/a	n/a	0	n/a	n/a	0.00008349	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-51	45	n/a	3/4/2024	8.1	No	154	n/a	n/a	n/a	0	n/a	n/a	0.00008349	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-52	45	n/a	3/4/2024	28	No	154	n/a	n/a	n/a	0	n/a	n/a	0.00008349	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-51	14	n/a	3/4/2024	8.4	No	153	n/a	n/a	n/a	0	n/a	n/a	0.00008465	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-53	14	n/a	3/4/2024	15	Yes	153	n/a	n/a	n/a	0	n/a	n/a	0.00008465	NP Inter (normality) 1 of 2
pH (S.U.)	GWC-29	7.1	5.52	3/4/2024	6.52	No	184	n/a	n/a	n/a	0	n/a	n/a	0.0001167	NP Inter (normality) 1 of 2
pH (S.U.)	GWC-52	7.1	5.52	3/4/2024	7.01	No	184	n/a	n/a	n/a	0	n/a	n/a	0.0001167	NP Inter (normality) 1 of 2
pH (S.U.)	GWC-53	7.1	5.52	3/4/2024	5.9	No	184	n/a	n/a	n/a	0	n/a	n/a	0.0001167	NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-51	180	n/a	3/4/2024	2.9	No	154	n/a	n/a	n/a	38.96	n/a	n/a	0.00008349	NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-52	180	n/a	3/4/2024	90	No	154	n/a	n/a	n/a	38.96	n/a	n/a	0.00008349	NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-53	180	n/a	3/4/2024	180	No	154	n/a	n/a	n/a	38.96	n/a	n/a	0.00008349	NP Inter (normality) 1 of 2

Within Limit

Prediction Limit
Interwell Non-parametric

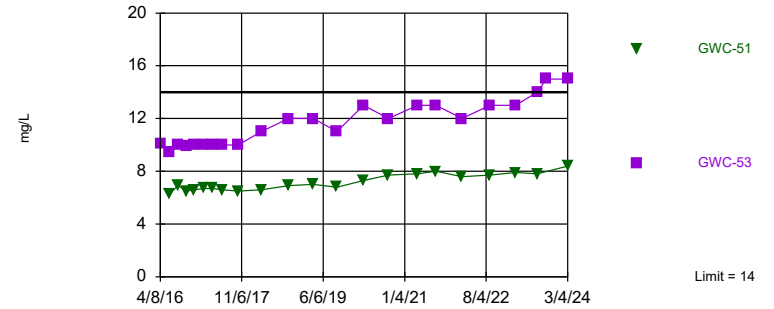


Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 154 background values. Annual per-constituent alpha = 0.0008346. Individual comparison alpha = 0.00008349 (1 of 2). Comparing 3 points to limit. Assumes 2 future values.

Constituent: Calcium Analysis Run 3/28/2024 12:21 PM View: Appendix III - Two-Step
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limit: GWC-53

Prediction Limit
Interwell Non-parametric

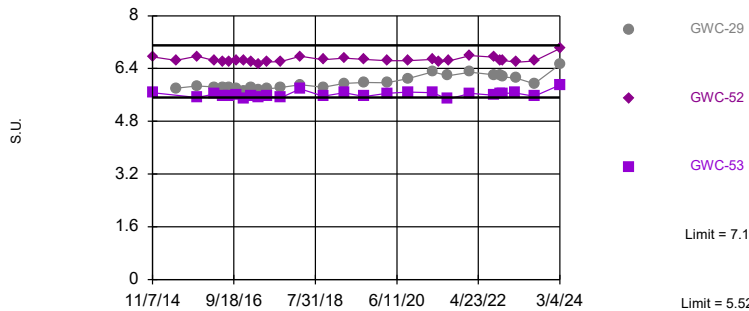


Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 153 background values. Annual per-constituent alpha = 0.0008462. Individual comparison alpha = 0.00008465 (1 of 2). Comparing 2 points to limit. Assumes 3 future values.

Constituent: Chloride Analysis Run 3/28/2024 12:21 PM View: Appendix III - Two-Step
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limits

Prediction Limit
Interwell Non-parametric

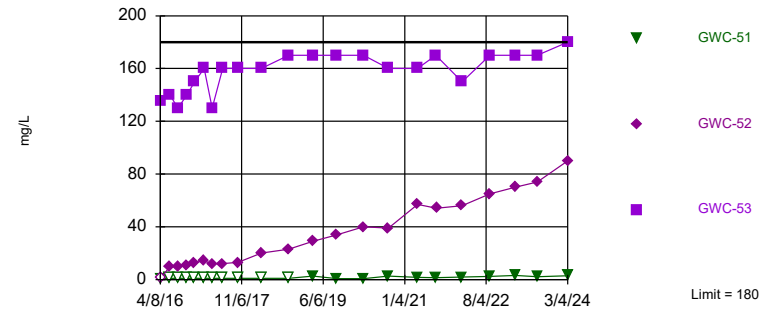


Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 184 background values. Annual per-constituent alpha = 0.001167. Individual comparison alpha = 0.0001167 (1 of 2). Comparing 3 points to limit. Assumes 2 future values.

Constituent: pH Analysis Run 3/28/2024 12:21 PM View: Appendix III - Two-Step
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 154 background values. 38.96% NDs. Annual per-constituent alpha = 0.0008346. Individual comparison alpha = 0.00008349 (1 of 2). Comparing 3 points to limit. Assumes 2 future values.

Constituent: Sulfate Analysis Run 3/28/2024 12:21 PM View: Appendix III - Two-Step
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 3/28/2024 12:22 PM View: Appendix III - Two-Step

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-48 (bg)	GWA-46 (bg)	GWA-45 (bg)	GWA-49 (bg)	GWA-47 (bg)	GWA-22 (bg)	GWC-51	GWC-29
4/6/2016	9.27								
4/7/2016		12.6	6.57	38.4	15.3				
4/8/2016						10.7	8.6		
4/11/2016								6.9	9.7
6/14/2016	8.2		5.5	32.9	14.2	11.3	6.8		
6/15/2016									9.5
6/16/2016								7.6	
6/17/2016		12.4							
8/9/2016			4.6	29	13	9.6	6.2		
8/10/2016	6.9	11						5.7	8.5
8/11/2016									
10/10/2016			5.3	33					
10/11/2016	7.6				14	11	6.2		9.3
10/13/2016								6.7	
10/14/2016		13							
12/2/2016	7.4		5.1	33	13				
12/5/2016						10	5.5	6.4	9
12/19/2016		11							
2/9/2017				42	14				
2/10/2017	11		5.8			11	7.8		
2/13/2017		13						6.2	9.2
4/7/2017		12	5.2	35	14	10	7.3		
4/10/2017	9.7							6.2	9.2
4/11/2017									
6/22/2017		13		38	14	11			
6/23/2017	9.2		5.7					6.6	9.8
6/24/2017									
6/26/2017							6.8		
10/9/2017	9.4						5.8		
10/10/2017		13	5.8	40	15	11			10
10/11/2017								6.9	
3/22/2018				39 (D)	14	11			
3/23/2018		13	6.6						
3/26/2018	9.3						8.7	7	11
10/3/2018	7.8	12		41	14		6.1		
10/4/2018			5.4					6.4	10
10/5/2018						11			
3/27/2019	9.5	13	6.1	39	15	11	7.1	7	
3/28/2019									11
9/12/2019	8.8	13	5.7	36	14	12	6.1	7.1	12
3/19/2020	11	14	6.7	45	15		9.7	7.1	16
3/20/2020						12			
9/10/2020	8.2				14		5.9		15
9/11/2020		12	5.5	30		11		7	
4/2/2021	9.2			29			9		
4/5/2021		13	7			13		8	
4/6/2021					16				17
8/12/2021	7.2	12	6.1	26	14		6		
8/13/2021						11		7	15
8/17/2021									
2/14/2022	8	11	5.9	26	13	11			16
2/15/2022							9.6	6.4	

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 3/28/2024 12:22 PM View: Appendix III - Two-Step
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-48 (bg)	GWA-46 (bg)	GWA-45 (bg)	GWA-49 (bg)	GWA-47 (bg)	GWA-22 (bg)	GWC-51	GWC-29
8/26/2022	6.8						7.8		
8/30/2022					14				
8/31/2022		12	5.7	23		12		7.2	17
2/28/2023	8.1	13	6.6	23		13	11	7.6	
3/1/2023					15				19
8/2/2023	6.4								
8/3/2023		12	6.4	23	15	13	9.6	8.2	18
2/29/2024	6.7								
3/4/2024		13	6.8	25	14	15	11	8.1	18

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 3/28/2024 12:22 PM View: Appendix III - Two-Step
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

GWC-52

4/6/2016	
4/7/2016	
4/8/2016	
4/11/2016	12.8
6/14/2016	
6/15/2016	
6/16/2016	14.3
6/17/2016	
8/9/2016	
8/10/2016	
8/11/2016	11
10/10/2016	
10/11/2016	
10/13/2016	13
10/14/2016	
12/2/2016	
12/5/2016	12
12/19/2016	
2/9/2017	
2/10/2017	
2/13/2017	13
4/7/2017	
4/10/2017	
4/11/2017	13
6/22/2017	
6/23/2017	
6/24/2017	13
6/26/2017	
10/9/2017	
10/10/2017	
10/11/2017	15
3/22/2018	
3/23/2018	
3/26/2018	15
10/3/2018	
10/4/2018	14
10/5/2018	
3/27/2019	
3/28/2019	15
9/12/2019	17
3/19/2020	19
3/20/2020	
9/10/2020	
9/11/2020	18
4/2/2021	
4/5/2021	21
4/6/2021	
8/12/2021	
8/13/2021	
8/17/2021	22
2/14/2022	18
2/15/2022	

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 3/28/2024 12:22 PM View: Appendix III - Two-Step
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

GWC-52

8/26/2022	
8/30/2022	
8/31/2022	21
2/28/2023	
3/1/2023	25
8/2/2023	
8/3/2023	24
2/29/2024	
3/4/2024	28

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 3/28/2024 12:22 PM View: Appendix III - Two-Step

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-48 (bg)	GWA-49 (bg)	GWA-47 (bg)	GWA-22 (bg)	GWC-53	GWC-51
4/6/2016	3.034								
4/7/2016		8.05	2.914	1.842	2.285				
4/8/2016						1.57	2.1	10.065	
4/11/2016									2.09 (O)
6/14/2016	3.1	9.3	3.1		2.3	1.7	4.2		
6/16/2016								9.4	6.3
6/17/2016				1.9					
8/9/2016		10	3.2		2.3	1.5	5		
8/10/2016	2.7			1.8					6.9
8/11/2016								10	
10/10/2016		10	3						
10/11/2016	2.7				2.1	1.6	3.8		
10/13/2016								9.9	6.5
10/14/2016				1.7					
12/2/2016	2.5	10	3		2				
12/5/2016						1.5	3.6		6.6
12/6/2016								10	
12/19/2016				2.7 (O)					
2/9/2017		9.4			2.1				
2/10/2017	3.4		2.7			1.5	2.2		
2/13/2017				1.8				10	6.7
4/7/2017		9.9	2.9	1.7	2	1.4	2.2		
4/10/2017	3.6								6.7
4/11/2017								10	
6/22/2017		9.7		1.7	2	1.4			
6/23/2017	3.2		3.3						6.6
6/24/2017								10	
6/26/2017							3.4		
10/9/2017	3.5						3.4		
10/10/2017		9.8	3.5	1.6	2	1.4			
10/11/2017								10	6.5
3/22/2018		9.7 (D)			1.9	1.3			
3/23/2018			3.6	1.6					
3/26/2018	3.8						1.9 (D)	11	6.6
10/3/2018	4	10		1.6	2		2.9		
10/4/2018			3.9					12	6.9
10/5/2018						1.4			
3/27/2019	2.9	9.6	3.7	1.5	1.9	1.2	2		7
3/28/2019								12	
9/12/2019	3.4	10	4.3	1.7	1.9	1.4	2.5	11	6.8
3/19/2020	3.9	9.9	4.5	1.9	2.2		2.2	13	7.3
3/20/2020						1.7			
9/10/2020	3.7				2.1		2.5		
9/11/2020		12	4.7	1.8		1.6		12	7.7
4/2/2021	3.7	13					1.8		
4/5/2021			5.3	2		1.8			7.8
4/6/2021					2.1			13	
8/12/2021	4.1	13	5.5	1.8	2.2		2.7		
8/13/2021						1.8		13	8
2/14/2022	4	10	5	1.8	2	1.5		12	
2/15/2022							1.8		7.6
8/26/2022	3.6						2		

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 3/28/2024 12:22 PM View: Appendix III - Two-Step
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-48 (bg)	GWA-49 (bg)	GWA-47 (bg)	GWA-22 (bg)	GWC-53	GWC-51
8/30/2022					2.2				
8/31/2022		13	5.1	1.6		1.5		13	7.7
2/28/2023	3.6	13	5.2	1.8		1.7	1.8	13	7.9
3/1/2023					2.1				
8/2/2023	3.4								
8/3/2023		13	5.2	1.7	1.9	1.6	1.8	14	7.8
10/4/2023								15 (R)	
2/29/2024	3.7								
3/4/2024		14	5.4	1.8	2	1.8	1.8	15	8.4

Prediction Limit

Constituent: pH (S.U.) Analysis Run 3/28/2024 12:22 PM View: Appendix III - Two-Step

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48 (bg)	GWC-53	GWC-52	GWA-49 (bg)	GWA-47 (bg)	GWA-46 (bg)	GWA-45 (bg)	GWA-22 (bg)	GWA-21 (bg)
11/7/2014	6.91	5.67	6.75	6.99	6.54	5.92	6.26		
11/8/2014								5.92	5.89
5/21/2015								5.97	
5/22/2015			6.65						
5/25/2015		7.725 (oD)	7.63 (o)						
11/12/2015	6.81			7	6.43				
11/13/2015		5.52	6.77			5.78	6.02	5.8	5.65
4/6/2016									5.9 (D)
4/7/2016	6.74			6.85	6.45 (D)	6.83	6.48		
4/8/2016		5.63			6.45			6.12	
4/11/2016			6.64						
6/14/2016				6.83	6.4	5.82	6.05	5.84	5.75
6/15/2016									
6/16/2016		5.56	6.6						
6/17/2016	6.78								
8/1/2016						5.78			
8/9/2016				6.77	6.43		6.05	5.75	
8/10/2016	6.73								5.75
8/11/2016		5.56	6.61						
10/10/2016						5.78	6.02		
10/11/2016				6.83	6.34			5.84	5.8
10/13/2016		5.61	6.64						
10/14/2016	6.7								
12/2/2016				6.79		5.71	5.95		5.78
12/5/2016	6.71		6.63		6.46			5.7	
12/6/2016		5.48							
2/9/2017				6.65			6.24		
2/10/2017					6.33	5.79		6.17	5.83
2/13/2017	6.56	5.57	6.59						
4/7/2017	6.62			6.75	6.38	5.93	5.95	5.99	
4/10/2017									5.74
4/11/2017		5.52	6.53						
6/22/2017	6.76			6.85	6.45		6.02		
6/23/2017						5.77			
6/26/2017		5.56	6.6					5.87	5.83
10/9/2017								5.52	5.61
10/10/2017	6.7			6.84	6.44	5.81	6		
10/11/2017		5.51	6.61						
3/22/2018				7	6.46		6.2		
3/23/2018	6.92					5.89			
3/26/2018		5.78	6.77					6.06	5.76
10/3/2018	6.81			6.93			6.03	5.83	5.78
10/4/2018		5.56	6.67			5.86			
10/5/2018					6.47				
3/27/2019	6.86			6.91	6.52	5.95	6.31	6.04	5.97
3/28/2019		5.67	6.71						
9/12/2019	6.78		6.68	6.82	6.49	5.83		5.87	5.83
9/13/2019		5.55					5.96		
3/19/2020	6.73	5.65	6.64	6.87	6.39	5.93	6.46	6.14	5.81
3/20/2020					6.39				
9/10/2020				6.91				5.78	5.83
9/11/2020	6.76	5.69	6.64		6.59	6.02	5.98		

Prediction Limit

Constituent: pH (S.U.) Analysis Run 3/28/2024 12:22 PM View: Appendix III - Two-Step
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48 (bg)	GWC-53	GWC-52	GWA-49 (bg)	GWA-47 (bg)	GWA-46 (bg)	GWA-45 (bg)	GWA-22 (bg)	GWA-21 (bg)
4/2/2021							5.92	6.03	6.06
4/5/2021	6.78		6.68		6.59	5.92			
4/6/2021		5.67		6.87					
6/1/2021	6.78				6.46	5.8			
6/2/2021			6.6						
8/12/2021	6.86			6.86		5.71	5.92	5.91	5.88
8/13/2021		5.47			6.33				
8/17/2021			6.63						
2/14/2022	6.93	5.65	6.79	7.1	6.6	5.85	6.31		5.99
2/15/2022								6.4	
8/26/2022								5.86 (D)	5.73 (D)
8/30/2022				7.08					
8/31/2022	6.91	5.59	6.74		6.53	5.8	6.03		
10/25/2022	6.81	5.64	6.65	6.96	6.48	5.88	5.99		
11/16/2022	6.83	5.65	6.65	6.91	6.51	5.88	6.02		
2/28/2023	6.87	5.66			6.52	5.91	5.88	6.21	5.81
3/1/2023			6.59	6.98					
8/2/2023									5.86
8/3/2023	6.84	5.56	6.63	6.88	6.42	5.841351	5.93	6.03	
2/29/2024									5.8
3/4/2024	6.86	5.9	7.01	6.96	6.49	5.94	6.54	6.41	

Prediction Limit

Constituent: pH (S.U.) Analysis Run 3/28/2024 12:22 PM View: Appendix III - Two-Step
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

GWC-29

11/7/2014	
11/8/2014	
5/21/2015	
5/22/2015	5.8
5/25/2015	
11/12/2015	
11/13/2015	5.87
4/6/2016	
4/7/2016	
4/8/2016	
4/11/2016	5.84
6/14/2016	
6/15/2016	5.82
6/16/2016	
6/17/2016	
8/1/2016	
8/9/2016	
8/10/2016	5.82
8/11/2016	
10/10/2016	
10/11/2016	5.78
10/13/2016	
10/14/2016	
12/2/2016	
12/5/2016	5.72
12/6/2016	
2/9/2017	
2/10/2017	
2/13/2017	5.81
4/7/2017	
4/10/2017	5.75
4/11/2017	
6/22/2017	
6/23/2017	5.78
6/26/2017	
10/9/2017	
10/10/2017	5.82
10/11/2017	
3/22/2018	
3/23/2018	
3/26/2018	5.91
10/3/2018	
10/4/2018	5.83
10/5/2018	
3/27/2019	
3/28/2019	5.95
9/12/2019	5.98
9/13/2019	
3/19/2020	5.97
3/20/2020	
9/10/2020	6.09
9/11/2020	

Prediction Limit

Constituent: pH (S.U.) Analysis Run 3/28/2024 12:22 PM View: Appendix III - Two-Step
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

GWC-29

4/2/2021	
4/5/2021	
4/6/2021	6.3
6/1/2021	
6/2/2021	
8/12/2021	
8/13/2021	6.18
8/17/2021	
2/14/2022	6.29
2/15/2022	
8/26/2022	
8/30/2022	
8/31/2022	6.21
10/25/2022	6.21
11/16/2022	6.14
2/28/2023	
3/1/2023	6.11
8/2/2023	
8/3/2023	5.94
2/29/2024	
3/4/2024	6.52

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 3/28/2024 12:22 PM View: Appendix III - Two-Step
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-48 (bg)	GWA-46 (bg)	GWA-45 (bg)	GWA-49 (bg)	GWA-47 (bg)	GWC-53	GWA-22 (bg)	GWC-52
4/6/2016	0.813 (J)								
4/7/2016		1.522	0.594 (J)	107.095	0.507 (J)				
4/8/2016						<1	135.355	<1	
4/11/2016									<1
6/14/2016	<1		<1	160	<1	<1		<1	
6/16/2016							140		10
6/17/2016		1.1							
8/9/2016			<1	130	<1	<1		<1	
8/10/2016	0.9 (J)	1.1							
8/11/2016							130		9.8
10/10/2016			<1	140					
10/11/2016	0.99 (J)				<1	<1		<1	
10/13/2016							140		11
10/14/2016		0.89 (J)							
12/2/2016	0.99 (J)		<1	150	<1				
12/5/2016						<1		<1	13
12/6/2016							150		
12/19/2016		1.2							
2/9/2017				150	<1				
2/10/2017	1.4		<1			<1		<1	
2/13/2017		1.4					160		14
4/7/2017		1.2	<1	140	<1	<1		<1	
4/10/2017	1.6								
4/11/2017							130		12
6/22/2017		1.1		160	<1	<1			
6/23/2017	1.8		<1						
6/24/2017							160		12
6/26/2017								<1	
10/9/2017	2.5							<1	
10/10/2017		0.92 (J)	<1	160	<1	<1			
10/11/2017							160		13
3/22/2018				150 (D)	<1	<1			
3/23/2018		1.3	<1						
3/26/2018	2.3						160	<1 (D)	20
10/3/2018	1.9	1.2		140	<1			<1	
10/4/2018			<1				170		23
10/5/2018						<1			
3/27/2019	0.81 (J)	1.6	0.52 (J)	140	0.56 (J)	<1		<1	
3/28/2019							170		29
9/12/2019	1.3	1.2	0.61 (J)	170	0.77 (J)	0.4 (J)	170	0.38 (J)	34
3/19/2020	0.92 (J)	1.5	0.39 (J)	150	0.56 (J)		170	<1	40
3/20/2020						0.58 (J)			
9/10/2020	1.3				0.42 (J)			<1	
9/11/2020		1.3	0.99 (J)	170		0.39 (J)	160		39
4/2/2021	0.99 (J)			180				<1	
4/5/2021		1.3	<1			<1			57
4/6/2021					<1		160		
8/12/2021	1.8	1	1	180	<1			<1	
8/13/2021						<1	170		
8/17/2021									54
2/14/2022	1	1.2	<1	130	0.85 (J)	<1	150		56
2/15/2022								0.87 (J)	

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 3/28/2024 12:22 PM View: Appendix III - Two-Step
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-48 (bg)	GWA-46 (bg)	GWA-45 (bg)	GWA-49 (bg)	GWA-47 (bg)	GWC-53	GWA-22 (bg)	GWC-52
8/26/2022	2.7							<1	
8/30/2022					0.76 (J)				
8/31/2022		1.6	1.1	170		1.1	170		65
2/28/2023	2.7	2.5	1.7	170		1.6	170	1.7	
3/1/2023					1.2				70
8/2/2023	1.4								
8/3/2023		0.94 (J)	0.49 (J)	170	0.46 (J)	<1	170	<1	74
2/29/2024	2.8								
3/4/2024		1.4	0.64 (J)	160	0.66 (J)	0.46 (J)	180	<1	90

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 3/28/2024 12:22 PM View: Appendix III - Two-Step
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-51
4/6/2016	
4/7/2016	
4/8/2016	
4/11/2016	0.415 (J)
6/14/2016	
6/16/2016	<1
6/17/2016	
8/9/2016	
8/10/2016	<1
8/11/2016	
10/10/2016	
10/11/2016	
10/13/2016	<1
10/14/2016	
12/2/2016	
12/5/2016	<1
12/6/2016	
12/19/2016	
2/9/2017	
2/10/2017	
2/13/2017	<1
4/7/2017	
4/10/2017	<1
4/11/2017	
6/22/2017	
6/23/2017	<1
6/24/2017	
6/26/2017	
10/9/2017	
10/10/2017	
10/11/2017	<1
3/22/2018	
3/23/2018	
3/26/2018	<1
10/3/2018	
10/4/2018	<1
10/5/2018	
3/27/2019	2.7
3/28/2019	
9/12/2019	0.65 (J)
3/19/2020	0.71 (J)
3/20/2020	
9/10/2020	
9/11/2020	2.6
4/2/2021	
4/5/2021	1.7
4/6/2021	
8/12/2021	
8/13/2021	1.4
8/17/2021	
2/14/2022	
2/15/2022	1.8

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 3/28/2024 12:22 PM View: Appendix III - Two-Step
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

GWC-51

8/26/2022	
8/30/2022	
8/31/2022	2.4
2/28/2023	3.2
3/1/2023	
8/2/2023	
8/3/2023	2.2
2/29/2024	
3/4/2024	2.9

FIGURE I.

Appendix III Trend Tests Summary - Significant Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 3/28/2024, 12:25 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Calcium (mg/L)	GWA-46 (bg)	0.1484	96	92	Yes	22	0	n/a	0.01	NP
Calcium (mg/L)	GWA-47 (bg)	0.3132	123	92	Yes	22	0	n/a	0.01	NP
Calcium (mg/L)	GWC-29	1.297	182	92	Yes	22	0	n/a	0.01	NP
Calcium (mg/L)	GWC-51	0.1696	114	92	Yes	22	0	n/a	0.01	NP
Calcium (mg/L)	GWC-52	1.742	184	92	Yes	22	0	n/a	0.01	NP
Chloride (mg/L)	GWA-21 (bg)	0.1028	98	92	Yes	22	0	n/a	0.01	NP
Chloride (mg/L)	GWA-22 (bg)	-0.2417	-127	-92	Yes	22	0	n/a	0.01	NP
Chloride (mg/L)	GWA-45 (bg)	0.5219	134	92	Yes	22	0	n/a	0.01	NP
Chloride (mg/L)	GWA-46 (bg)	0.3588	181	92	Yes	22	0	n/a	0.01	NP
Chloride (mg/L)	GWC-51	0.2139	150	87	Yes	21	0	n/a	0.01	NP
Chloride (mg/L)	GWC-53	0.599	190	98	Yes	23	0	n/a	0.01	NP
pH (S.U.)	GWC-29	0.05799	186	118	Yes	26	0	n/a	0.01	NP
Sulfate (mg/L)	GWA-21 (bg)	0.1423	98	92	Yes	22	4.545	n/a	0.01	NP
Sulfate (mg/L)	GWA-45 (bg)	3.909	93	92	Yes	22	0	n/a	0.01	NP
Sulfate (mg/L)	GWC-51	0.2266	132	92	Yes	22	45.45	n/a	0.01	NP
Sulfate (mg/L)	GWC-52	9.562	211	92	Yes	22	4.545	n/a	0.01	NP
Sulfate (mg/L)	GWC-53	4.205	133	92	Yes	22	0	n/a	0.01	NP

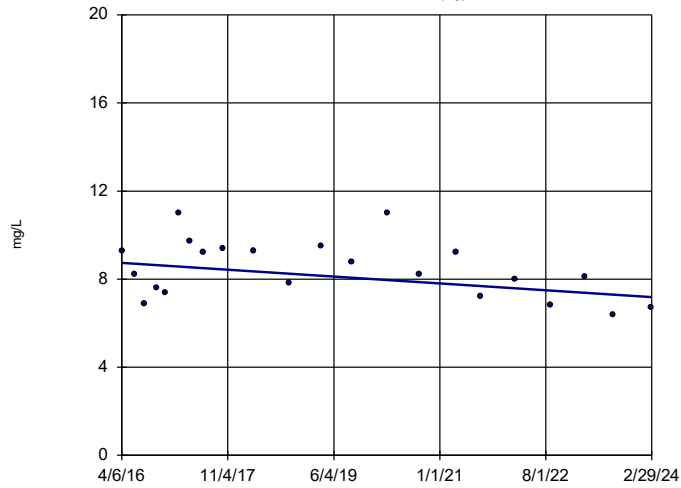
Appendix III Trend Tests Summary - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 3/28/2024, 12:25 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Calcium (mg/L)	GWA-21 (bg)	-0.196	-64	-92	No	22	0	n/a	0.01	NP
Calcium (mg/L)	GWA-22 (bg)	0.3555	71	92	No	22	0	n/a	0.01	NP
Calcium (mg/L)	GWA-45 (bg)	-1.519	-84	-92	No	22	0	n/a	0.01	NP
Calcium (mg/L)	GWA-46 (bg)	0.1484	96	92	Yes	22	0	n/a	0.01	NP
Calcium (mg/L)	GWA-47 (bg)	0.3132	123	92	Yes	22	0	n/a	0.01	NP
Calcium (mg/L)	GWA-48 (bg)	0	10	92	No	22	0	n/a	0.01	NP
Calcium (mg/L)	GWA-49 (bg)	0	21	92	No	22	0	n/a	0.01	NP
Calcium (mg/L)	GWC-29	1.297	182	92	Yes	22	0	n/a	0.01	NP
Calcium (mg/L)	GWC-51	0.1696	114	92	Yes	22	0	n/a	0.01	NP
Calcium (mg/L)	GWC-52	1.742	184	92	Yes	22	0	n/a	0.01	NP
Chloride (mg/L)	GWA-21 (bg)	0.1028	98	92	Yes	22	0	n/a	0.01	NP
Chloride (mg/L)	GWA-22 (bg)	-0.2417	-127	-92	Yes	22	0	n/a	0.01	NP
Chloride (mg/L)	GWA-45 (bg)	0.5219	134	92	Yes	22	0	n/a	0.01	NP
Chloride (mg/L)	GWA-46 (bg)	0.3588	181	92	Yes	22	0	n/a	0.01	NP
Chloride (mg/L)	GWA-47 (bg)	0.01501	38	92	No	22	0	n/a	0.01	NP
Chloride (mg/L)	GWA-48 (bg)	0	-12	-87	No	21	0	n/a	0.01	NP
Chloride (mg/L)	GWA-49 (bg)	-0.01499	-48	-92	No	22	0	n/a	0.01	NP
Chloride (mg/L)	GWC-51	0.2139	150	87	Yes	21	0	n/a	0.01	NP
Chloride (mg/L)	GWC-53	0.599	190	98	Yes	23	0	n/a	0.01	NP
pH (S.U.)	GWA-21 (bg)	0.009645	54	105	No	24	0	n/a	0.01	NP
pH (S.U.)	GWA-22 (bg)	0.02941	79	111	No	25	0	n/a	0.01	NP
pH (S.U.)	GWA-45 (bg)	-0.0102	-62	-118	No	26	0	n/a	0.01	NP
pH (S.U.)	GWA-46 (bg)	0.006861	55	124	No	27	0	n/a	0.01	NP
pH (S.U.)	GWA-47 (bg)	0.008892	102	139	No	29	0	n/a	0.01	NP
pH (S.U.)	GWA-48 (bg)	0.01541	115	124	No	27	0	n/a	0.01	NP
pH (S.U.)	GWA-49 (bg)	0.01395	93	118	No	26	0	n/a	0.01	NP
pH (S.U.)	GWC-29	0.05799	186	118	Yes	26	0	n/a	0.01	NP
pH (S.U.)	GWC-52	0.001991	27	131	No	28	0	n/a	0.01	NP
pH (S.U.)	GWC-53	0.01165	66	118	No	26	0	n/a	0.01	NP
Sulfate (mg/L)	GWA-21 (bg)	0.1423	98	92	Yes	22	4.545	n/a	0.01	NP
Sulfate (mg/L)	GWA-22 (bg)	0	0	92	No	22	86.36	n/a	0.01	NP
Sulfate (mg/L)	GWA-45 (bg)	3.909	93	92	Yes	22	0	n/a	0.01	NP
Sulfate (mg/L)	GWA-46 (bg)	0	-5	-92	No	22	54.55	n/a	0.01	NP
Sulfate (mg/L)	GWA-47 (bg)	0	-7	-92	No	22	72.73	n/a	0.01	NP
Sulfate (mg/L)	GWA-48 (bg)	0.02874	47	92	No	22	0	n/a	0.01	NP
Sulfate (mg/L)	GWA-49 (bg)	0	-48	-92	No	22	54.55	n/a	0.01	NP
Sulfate (mg/L)	GWC-51	0.2266	132	92	Yes	22	45.45	n/a	0.01	NP
Sulfate (mg/L)	GWC-52	9.562	211	92	Yes	22	4.545	n/a	0.01	NP
Sulfate (mg/L)	GWC-53	4.205	133	92	Yes	22	0	n/a	0.01	NP

Sen's Slope Estimator

GWA-21 (bg)

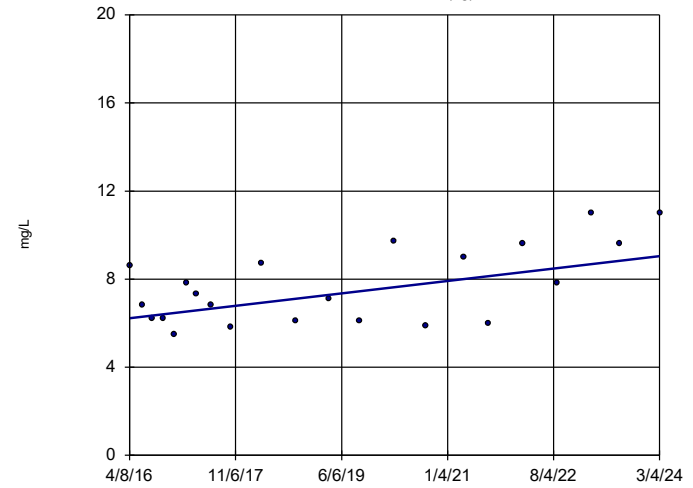


n = 22
 Slope = -0.196
 units per year.
 Mann-Kendall
 statistic = -64
 critical = -92
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Calcium Analysis Run 3/28/2024 12:23 PM View: Appendix III - Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-22 (bg)

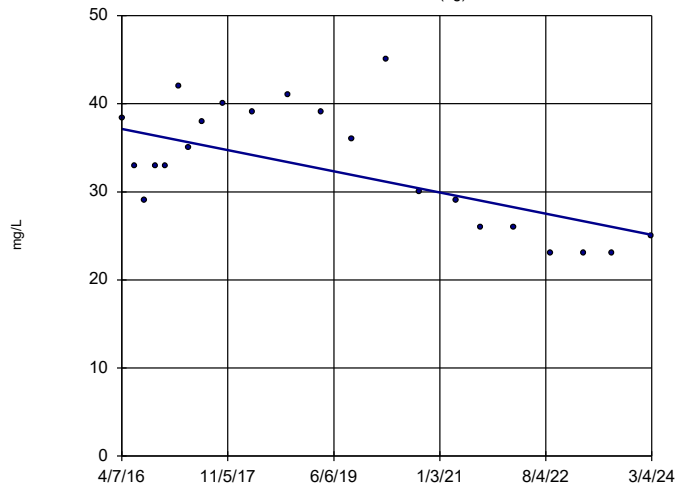


n = 22
 Slope = 0.3555
 units per year.
 Mann-Kendall
 statistic = 71
 critical = 92
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Calcium Analysis Run 3/28/2024 12:23 PM View: Appendix III - Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-45 (bg)

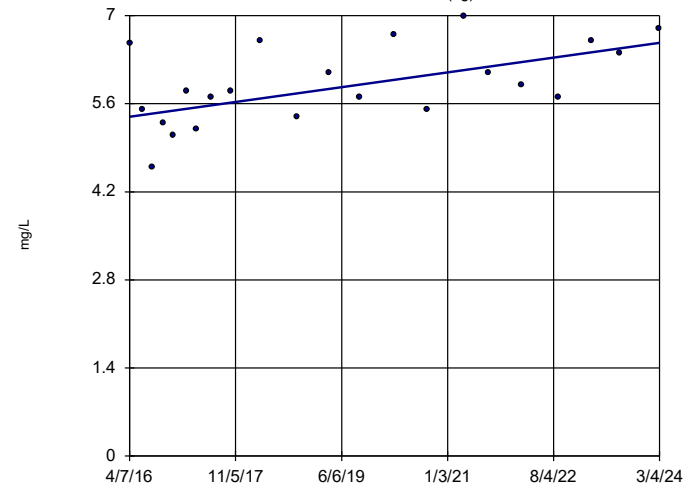


n = 22
 Slope = -1.519
 units per year.
 Mann-Kendall
 statistic = -84
 critical = -92
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Calcium Analysis Run 3/28/2024 12:23 PM View: Appendix III - Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-46 (bg)

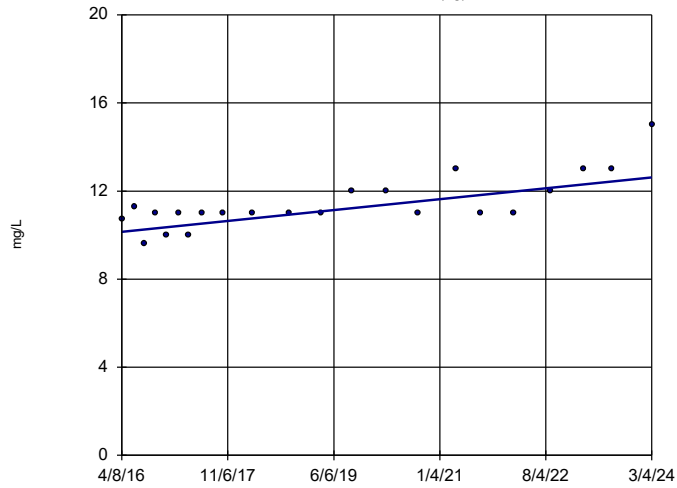


n = 22
 Slope = 0.1484
 units per year.
 Mann-Kendall
 statistic = 96
 critical = 92
 Increasing trend
 significant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Calcium Analysis Run 3/28/2024 12:23 PM View: Appendix III - Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-47 (bg)

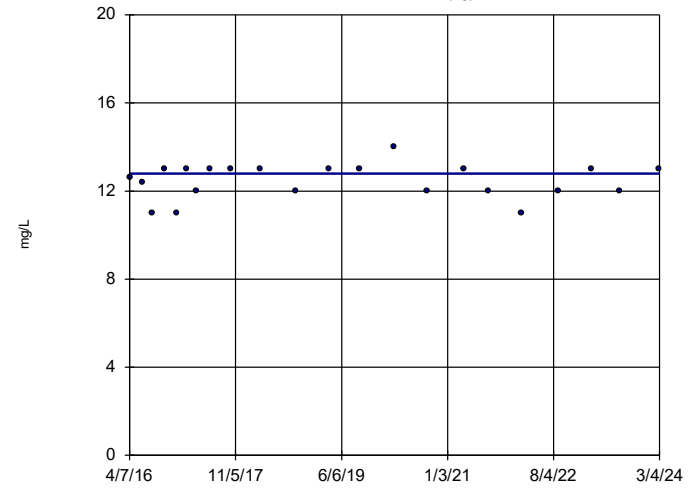


n = 22
 Slope = 0.3132
 units per year.
 Mann-Kendall
 statistic = 123
 critical = 92
 Increasing trend
 significant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Calcium Analysis Run 3/28/2024 12:23 PM View: Appendix III - Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-48 (bg)

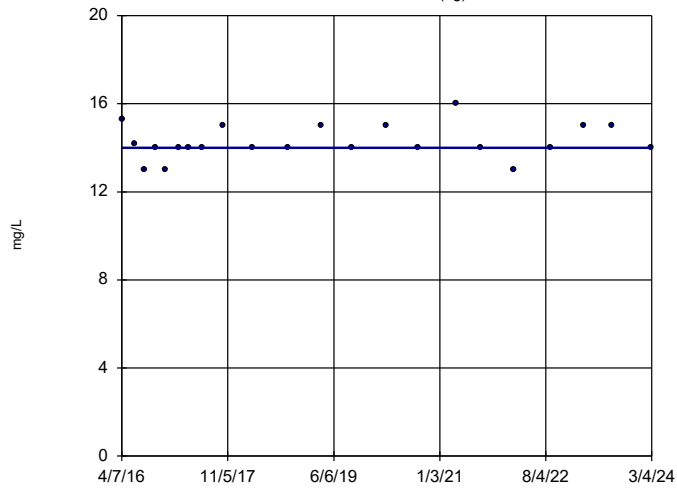


n = 22
 Slope = 0
 units per year.
 Mann-Kendall
 statistic = 10
 critical = 92
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Calcium Analysis Run 3/28/2024 12:23 PM View: Appendix III - Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-49 (bg)

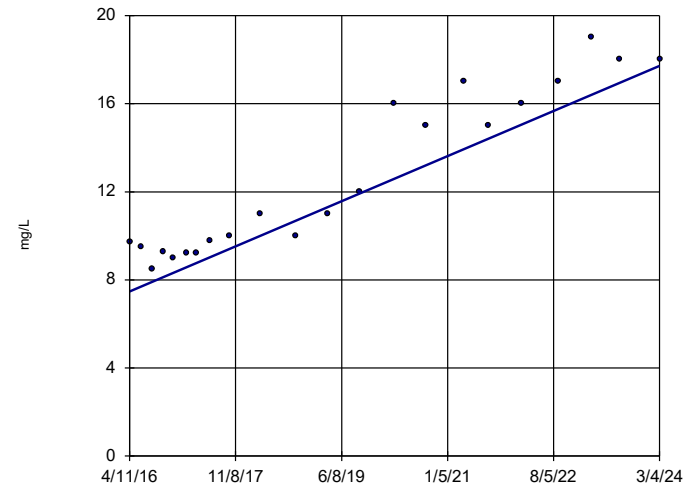


n = 22
 Slope = 0
 units per year.
 Mann-Kendall
 statistic = 21
 critical = 92
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Calcium Analysis Run 3/28/2024 12:23 PM View: Appendix III - Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWC-29

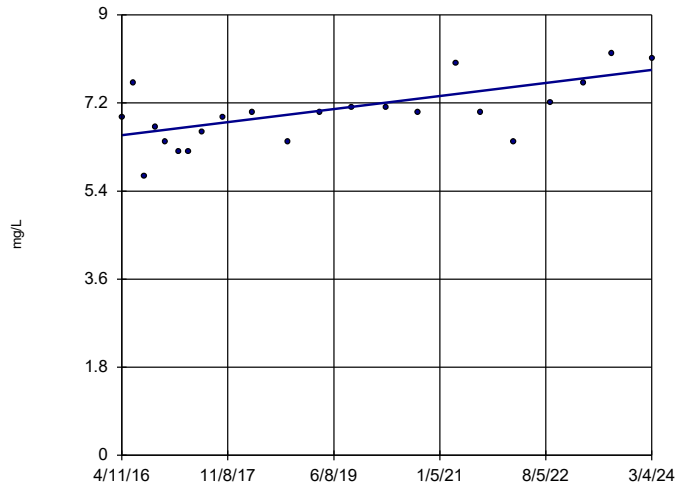


n = 22
 Slope = 1.297
 units per year.
 Mann-Kendall
 statistic = 182
 critical = 92
 Increasing trend
 significant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Calcium Analysis Run 3/28/2024 12:23 PM View: Appendix III - Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWC-51

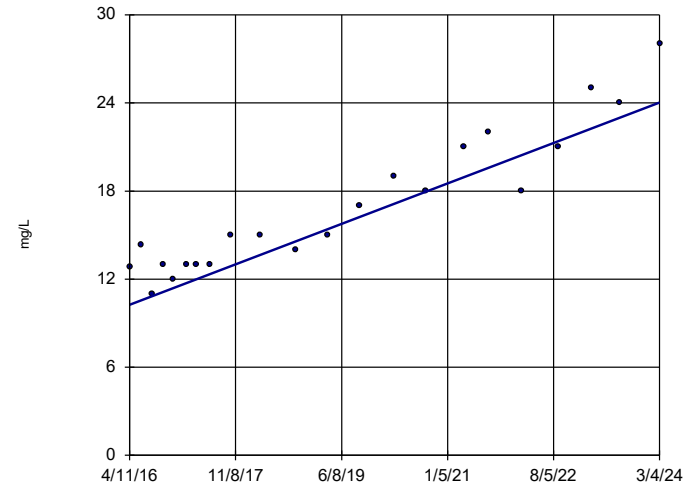


n = 22
 Slope = 0.1696
 units per year.
 Mann-Kendall
 statistic = 114
 critical = 92
 Increasing trend
 significant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Calcium Analysis Run 3/28/2024 12:23 PM View: Appendix III - Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWC-52

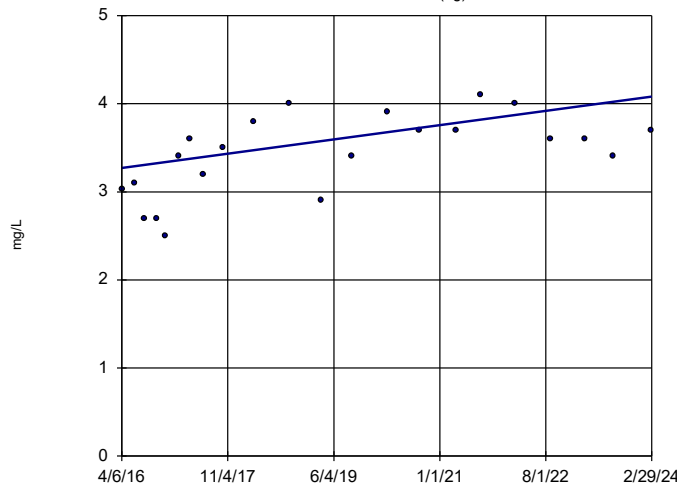


n = 22
 Slope = 1.742
 units per year.
 Mann-Kendall
 statistic = 184
 critical = 92
 Increasing trend
 significant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Calcium Analysis Run 3/28/2024 12:23 PM View: Appendix III - Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-21 (bg)

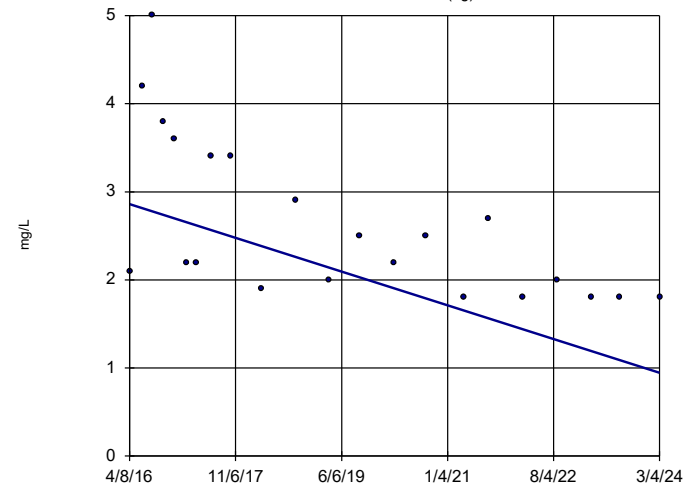


n = 22
 Slope = 0.1028
 units per year.
 Mann-Kendall
 statistic = 98
 critical = 92
 Increasing trend
 significant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Chloride Analysis Run 3/28/2024 12:23 PM View: Appendix III - Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-22 (bg)

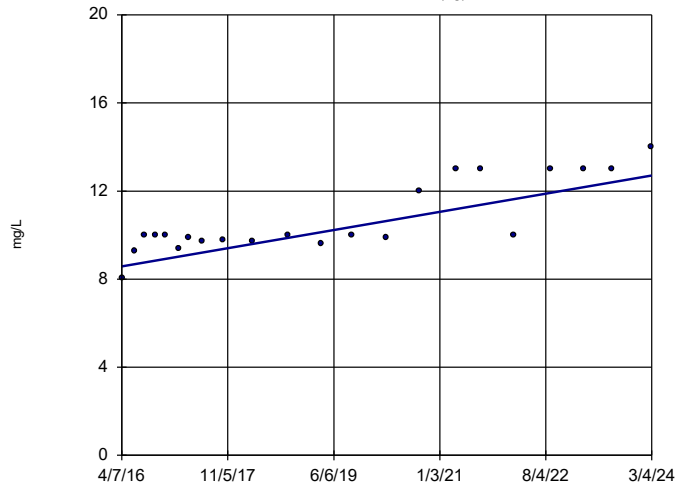


n = 22
 Slope = -0.2417
 units per year.
 Mann-Kendall
 statistic = -127
 critical = -92
 Decreasing trend
 significant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Chloride Analysis Run 3/28/2024 12:23 PM View: Appendix III - Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-45 (bg)

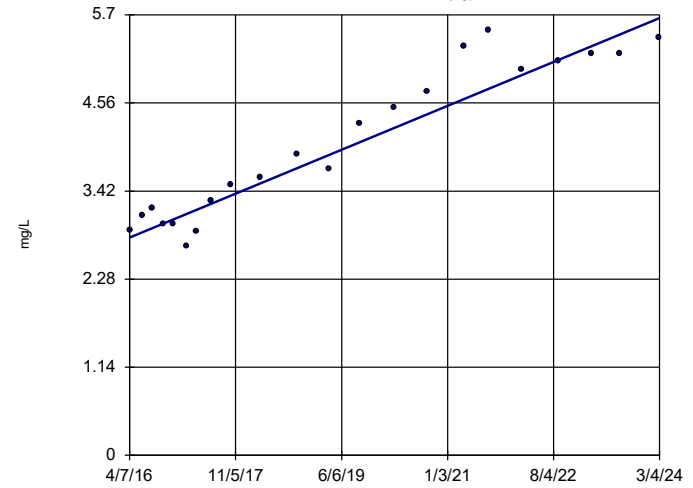


n = 22
 Slope = 0.5219
 units per year.
 Mann-Kendall
 statistic = 134
 critical = 92
 Increasing trend
 significant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Chloride Analysis Run 3/28/2024 12:23 PM View: Appendix III - Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-46 (bg)

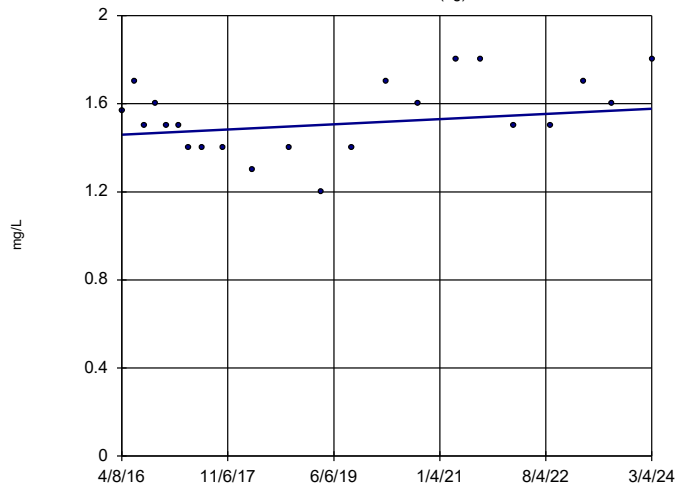


n = 22
 Slope = 0.3588
 units per year.
 Mann-Kendall
 statistic = 181
 critical = 92
 Increasing trend
 significant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Chloride Analysis Run 3/28/2024 12:23 PM View: Appendix III - Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-47 (bg)

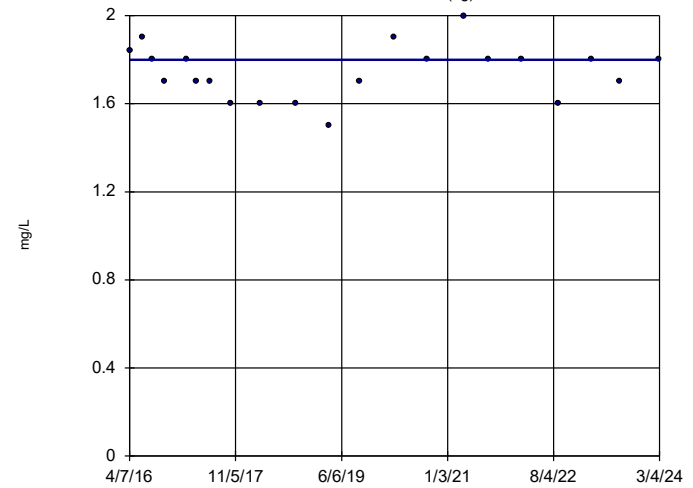


n = 22
 Slope = 0.01501
 units per year.
 Mann-Kendall
 statistic = 38
 critical = 92
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Chloride Analysis Run 3/28/2024 12:23 PM View: Appendix III - Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-48 (bg)

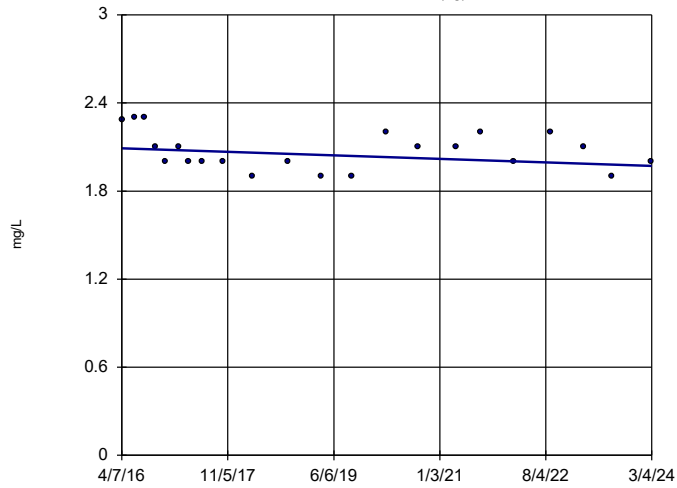


n = 21
 Slope = 0
 units per year.
 Mann-Kendall
 statistic = -12
 critical = -87
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Chloride Analysis Run 3/28/2024 12:23 PM View: Appendix III - Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-49 (bg)

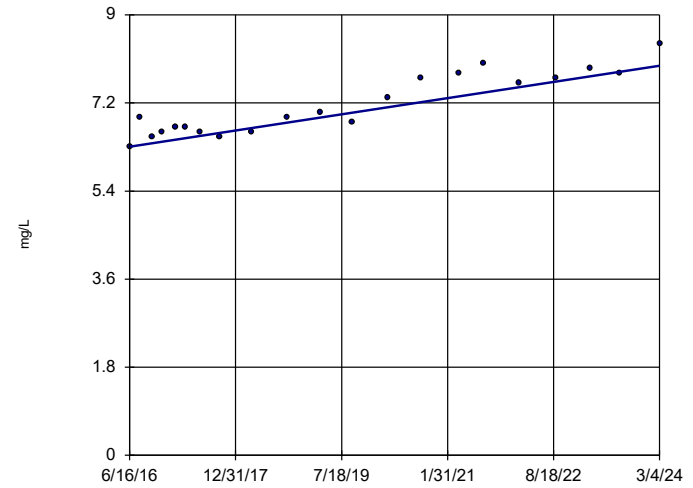


n = 22
 Slope = -0.01499
 units per year.
 Mann-Kendall
 statistic = -48
 critical = -92
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Chloride Analysis Run 3/28/2024 12:23 PM View: Appendix III - Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWC-51

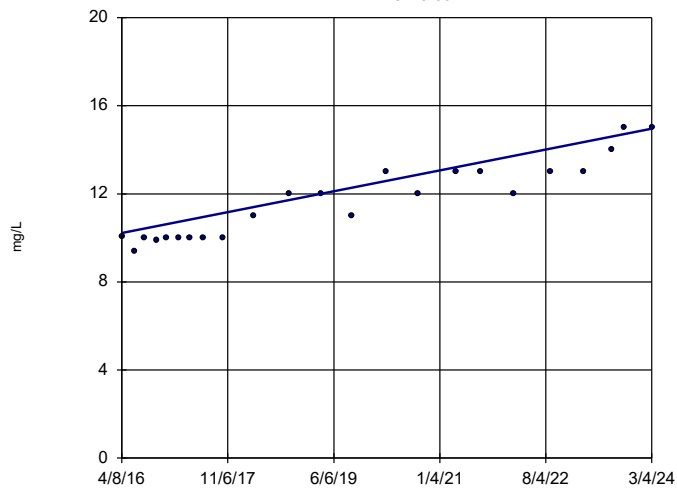


n = 21
 Slope = 0.2139
 units per year.
 Mann-Kendall
 statistic = 150
 critical = 87
 Increasing trend
 significant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Chloride Analysis Run 3/28/2024 12:23 PM View: Appendix III - Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWC-53

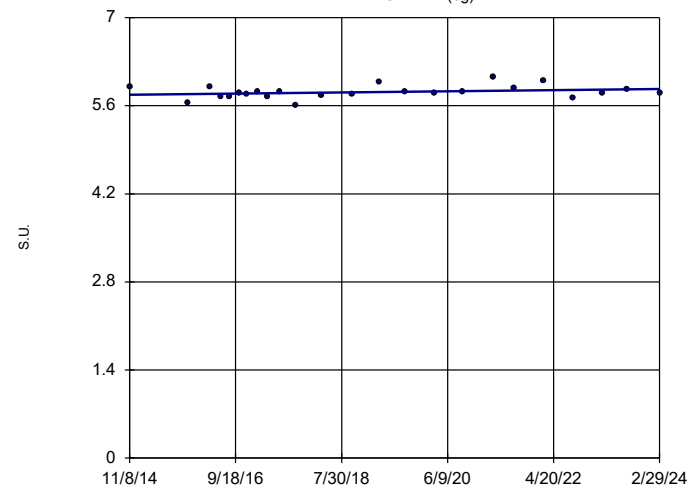


n = 23
 Slope = 0.599
 units per year.
 Mann-Kendall
 statistic = 190
 critical = 98
 Increasing trend
 significant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Chloride Analysis Run 3/28/2024 12:23 PM View: Appendix III - Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-21 (bg)

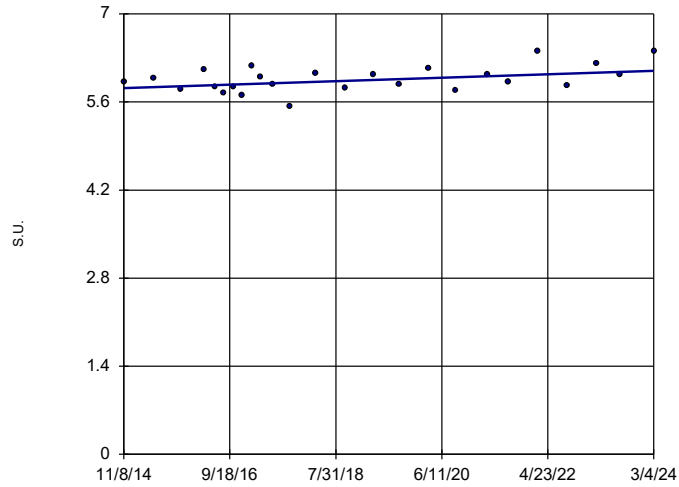


n = 24
 Slope = 0.009645
 units per year.
 Mann-Kendall
 statistic = 54
 critical = 105
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: pH Analysis Run 3/28/2024 12:23 PM View: Appendix III - Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-22 (bg)

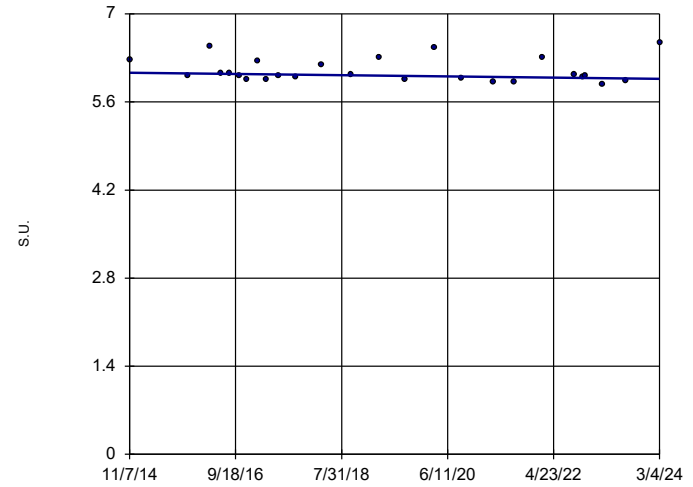


n = 25
 Slope = 0.02941 units per year.
 Mann-Kendall statistic = 79
 critical = 111
 Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: pH Analysis Run 3/28/2024 12:24 PM View: Appendix III - Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-45 (bg)

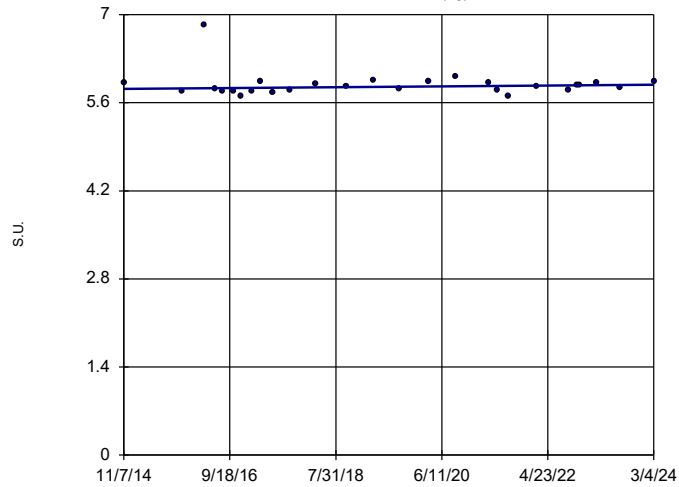


n = 26
 Slope = -0.0102 units per year.
 Mann-Kendall statistic = -62
 critical = -118
 Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: pH Analysis Run 3/28/2024 12:24 PM View: Appendix III - Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-46 (bg)

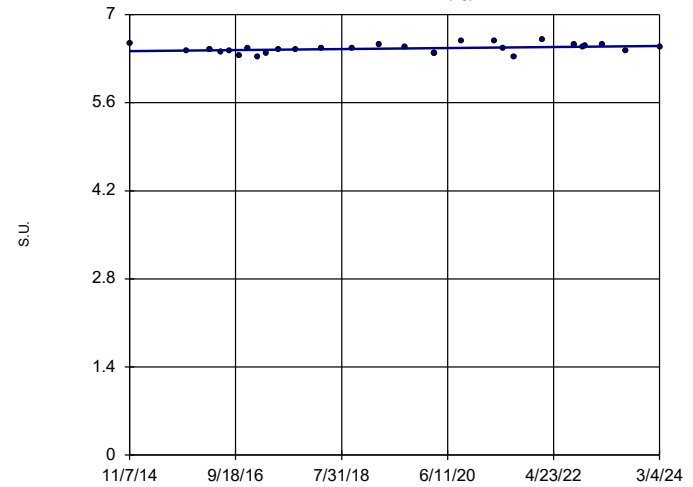


n = 27
 Slope = 0.006861 units per year.
 Mann-Kendall statistic = 55
 critical = 124
 Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: pH Analysis Run 3/28/2024 12:24 PM View: Appendix III - Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-47 (bg)

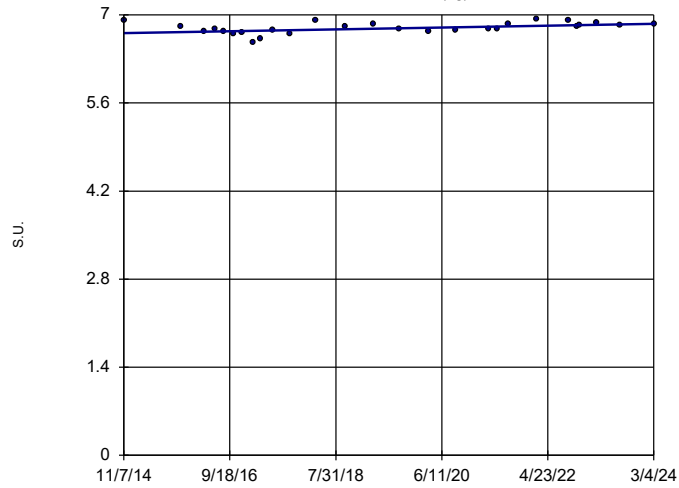


n = 29
 Slope = 0.008892 units per year.
 Mann-Kendall statistic = 102
 critical = 139
 Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: pH Analysis Run 3/28/2024 12:24 PM View: Appendix III - Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-48 (bg)

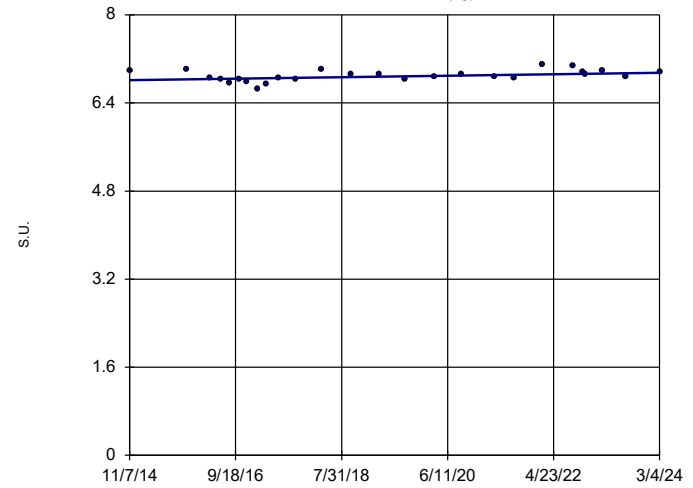


n = 27
 Slope = 0.01541
 units per year.
 Mann-Kendall
 statistic = 115
 critical = 124
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: pH Analysis Run 3/28/2024 12:24 PM View: Appendix III - Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-49 (bg)

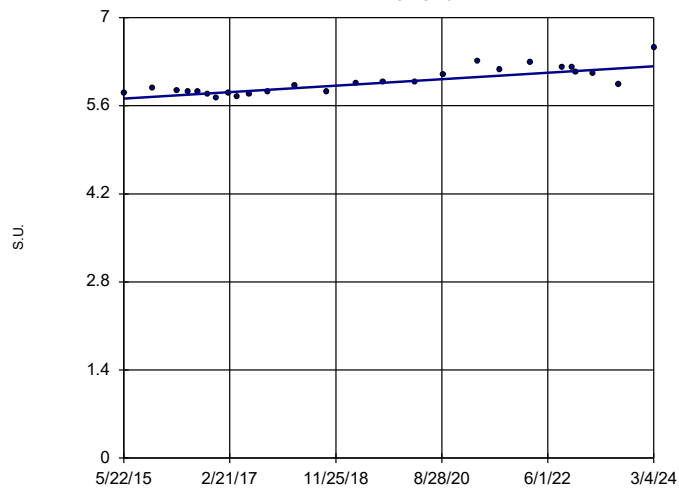


n = 26
 Slope = 0.01395
 units per year.
 Mann-Kendall
 statistic = 93
 critical = 118
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: pH Analysis Run 3/28/2024 12:24 PM View: Appendix III - Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWC-29

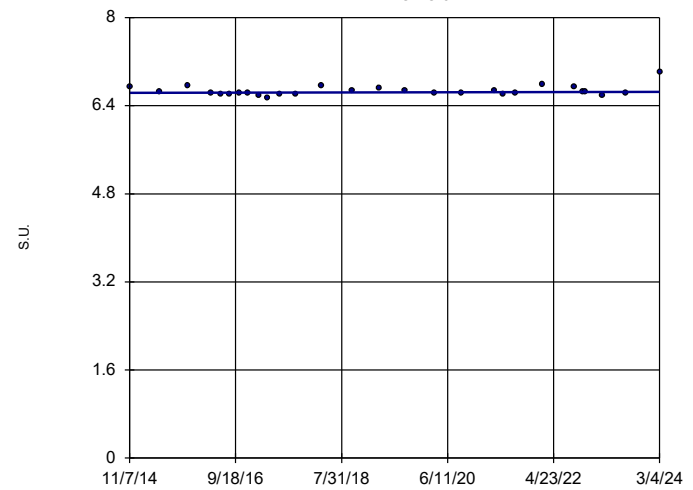


n = 26
 Slope = 0.05799
 units per year.
 Mann-Kendall
 statistic = 186
 critical = 118
 Increasing trend
 significant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: pH Analysis Run 3/28/2024 12:24 PM View: Appendix III - Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWC-52

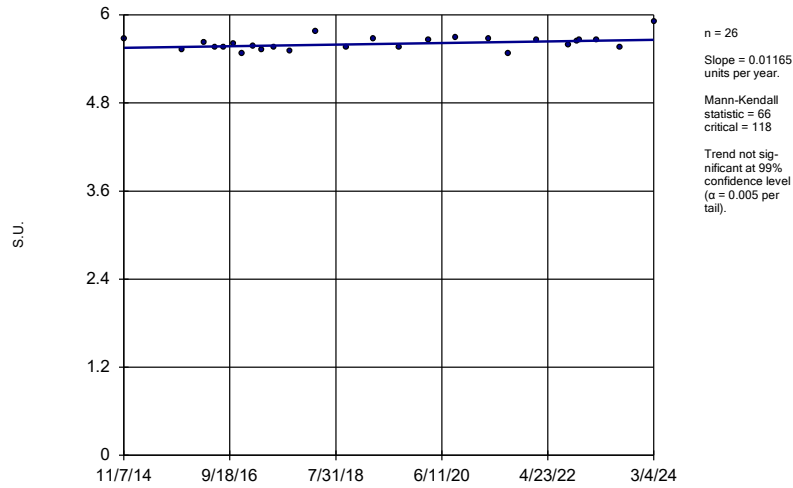


n = 28
 Slope = 0.001991
 units per year.
 Mann-Kendall
 statistic = 27
 critical = 131
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: pH Analysis Run 3/28/2024 12:24 PM View: Appendix III - Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

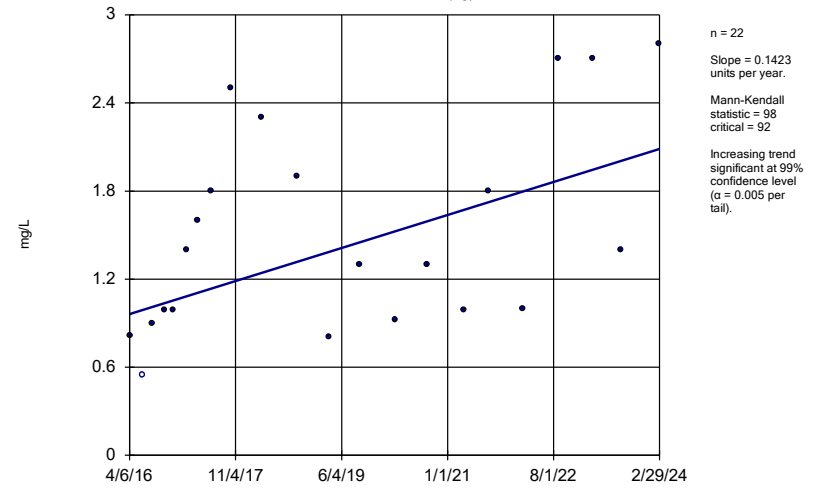
GWC-53



Constituent: pH Analysis Run 3/28/2024 12:24 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

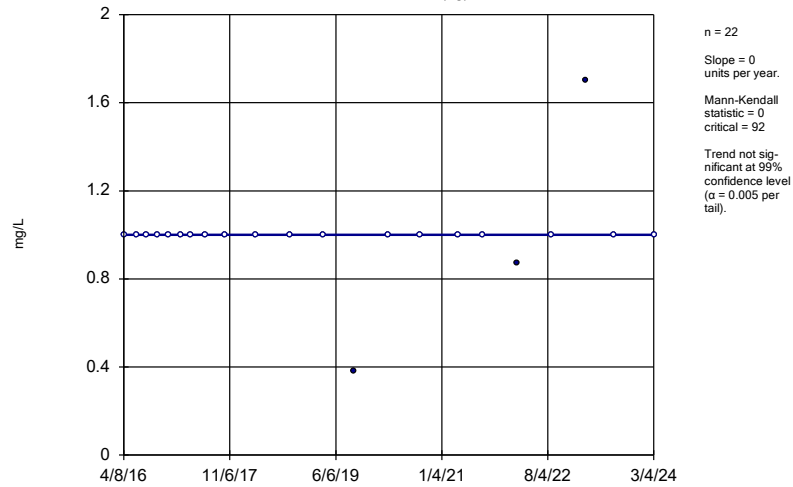
GWA-21 (bg)



Constituent: Sulfate Analysis Run 3/28/2024 12:24 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

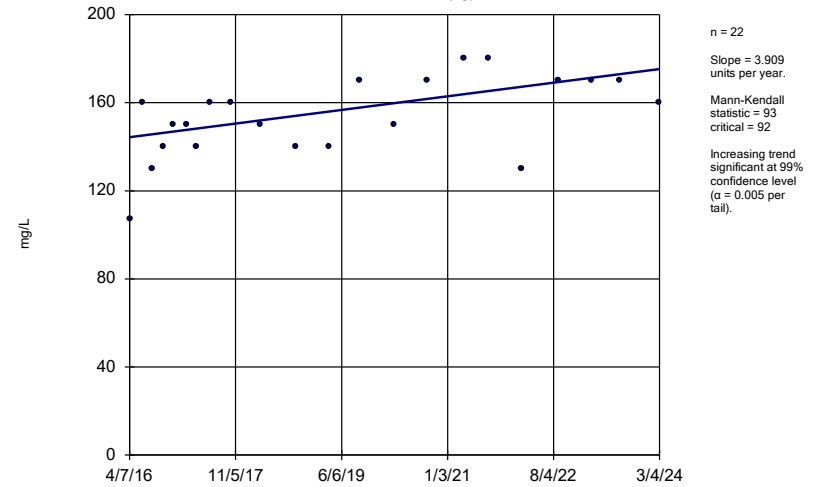
GWA-22 (bg)



Constituent: Sulfate Analysis Run 3/28/2024 12:24 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

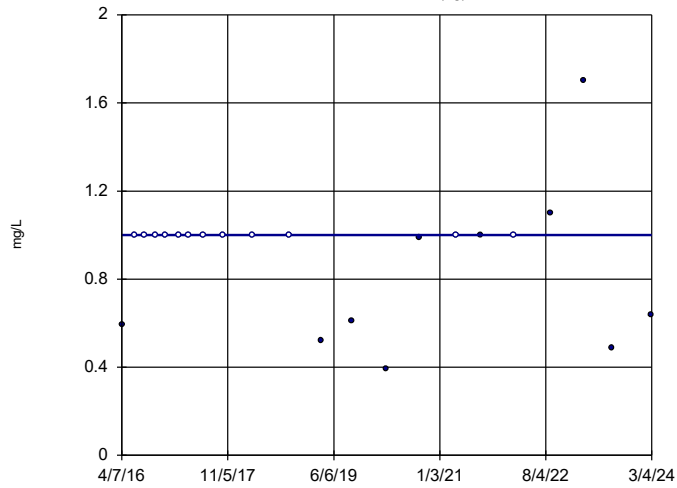
GWA-45 (bg)



Constituent: Sulfate Analysis Run 3/28/2024 12:24 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-46 (bg)

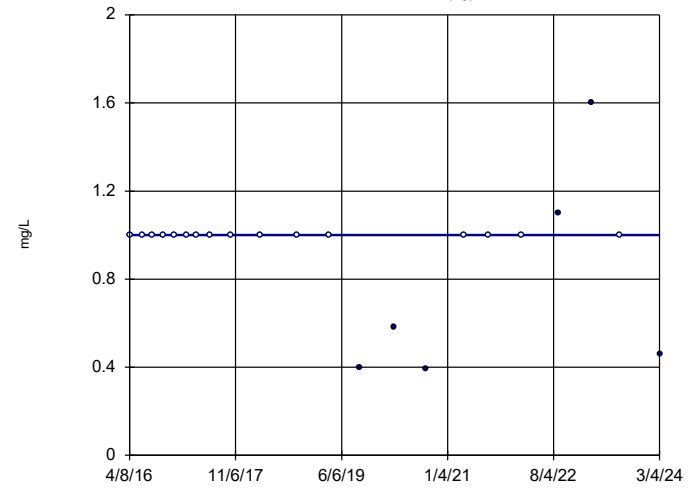


n = 22
Slope = 0
units per year.
Mann-Kendall
statistic = -5
critical = -92
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Sulfate Analysis Run 3/28/2024 12:24 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-47 (bg)

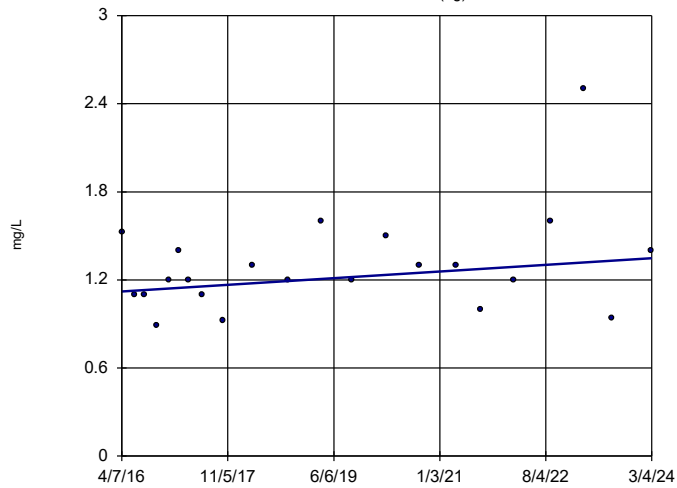


n = 22
Slope = 0
units per year.
Mann-Kendall
statistic = -7
critical = -92
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Sulfate Analysis Run 3/28/2024 12:24 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-48 (bg)

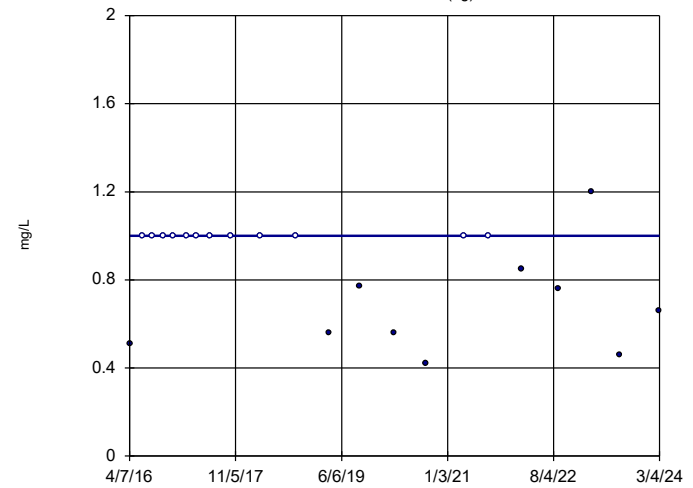


n = 22
Slope = 0.02874
units per year.
Mann-Kendall
statistic = 47
critical = 92
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Sulfate Analysis Run 3/28/2024 12:24 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-49 (bg)

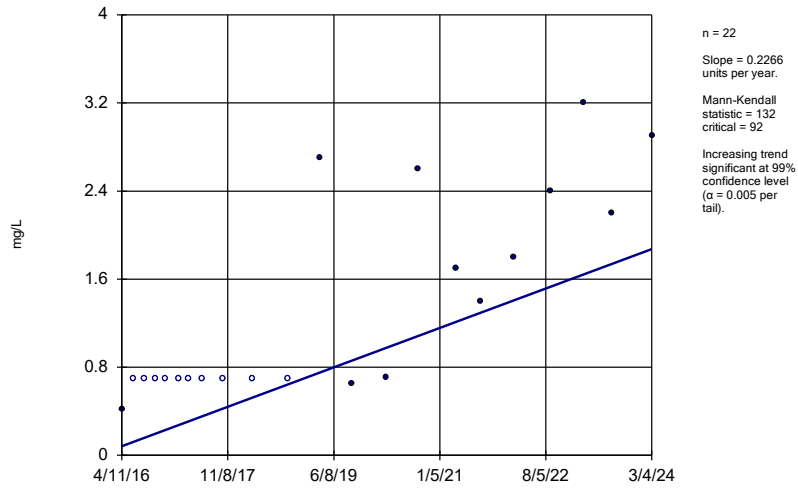


n = 22
Slope = 0
units per year.
Mann-Kendall
statistic = -48
critical = -92
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Sulfate Analysis Run 3/28/2024 12:24 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

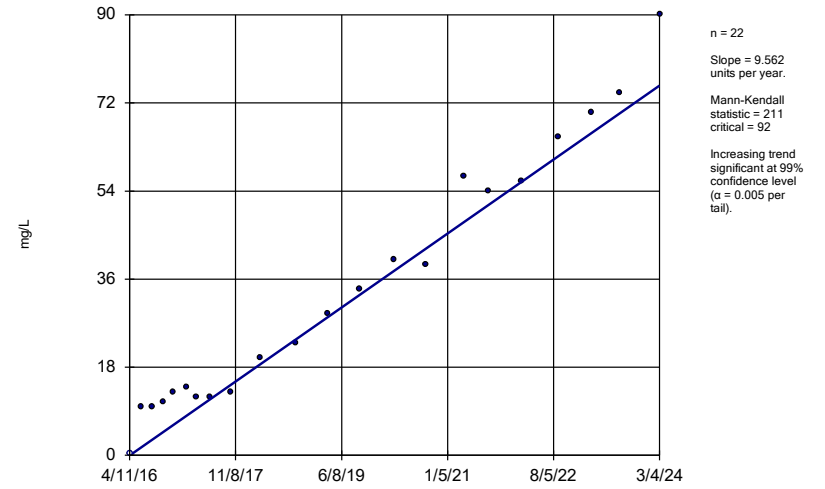
GWC-51



Constituent: Sulfate Analysis Run 3/28/2024 12:24 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

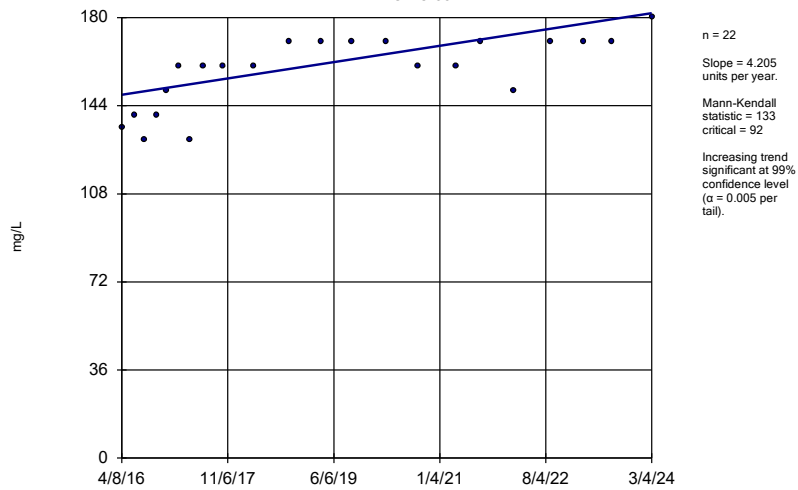
GWC-52



Constituent: Sulfate Analysis Run 3/28/2024 12:24 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWC-53



Constituent: Sulfate Analysis Run 3/28/2024 12:24 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

FIGURE J.

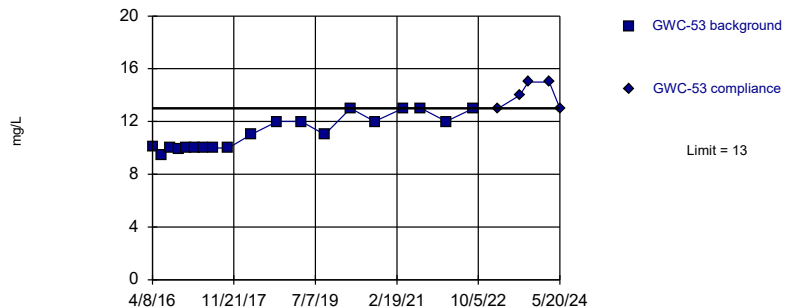
Appendix III Intrawell Prediction Limits - May 2024 Resample - All Results (No Significant)

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 6/24/2024, 10:08 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Chloride (mg/L)	GWC-53	13	n/a	5/20/2024	13	No	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality) 1 of 2
pH (S.U.)	GWC-53	5.752	5.445	5/20/2024	5.6	No	23	5.598	0.07608	0	None	No	0.000752	Param Intra 1 of 2

Within Limit

Prediction Limit Intrawell Non-parametric

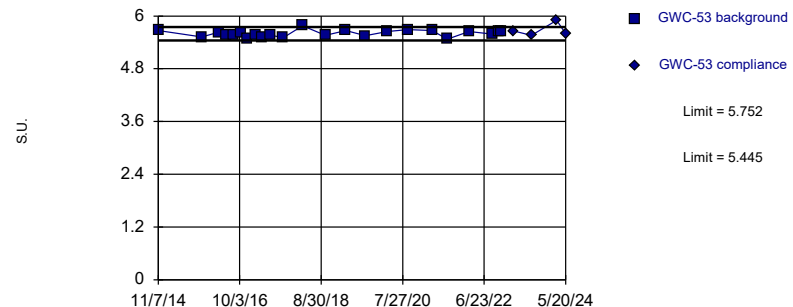


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.05 alpha level. Limit is highest of 19 background values. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Chloride Analysis Run 6/24/2024 9:59 AM View: Appendix III - Intrawell Resample
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limits

Prediction Limit Intrawell Parametric



Background Data Summary: Mean=5.598, Std. Dev.=0.07608, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9627, critical = 0.881. Kappa = 2.017 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH Analysis Run 6/24/2024 9:59 AM View: Appendix III - Intrawell Resample
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 6/24/2024 10:08 AM View: Appendix III - IntraWell Resample
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-53	GWC-53
4/8/2016	10.065	
6/16/2016	9.4	
8/11/2016	10	
10/13/2016	9.9	
12/6/2016	10	
2/13/2017	10	
4/11/2017	10	
6/24/2017	10	
10/11/2017	10	
3/26/2018	11	
10/4/2018	12	
3/28/2019	12	
9/12/2019	11	
3/19/2020	13	
9/11/2020	12	
4/6/2021	13	
8/13/2021	13	
2/14/2022	12	
8/31/2022	13	
2/28/2023		13
8/3/2023		14
10/4/2023		15 (R)
3/4/2024		15
5/20/2024		13 (R)

Prediction Limit

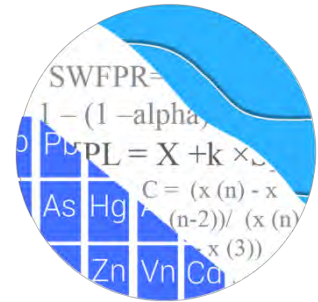
Constituent: pH (S.U.) Analysis Run 6/24/2024 10:08 AM View: Appendix III - IntraWell Resample
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-53	GWC-53
11/7/2014	5.67	
5/25/2015	7.725 (oD)	
11/13/2015	5.52	
4/8/2016	5.63	
6/16/2016	5.56	
8/11/2016	5.56	
10/13/2016	5.61	
12/6/2016	5.48	
2/13/2017	5.57	
4/11/2017	5.52	
6/26/2017	5.56	
10/11/2017	5.51	
3/26/2018	5.78	
10/4/2018	5.56	
3/28/2019	5.67	
9/13/2019	5.55	
3/19/2020	5.65	
9/11/2020	5.69	
4/6/2021	5.67	
8/13/2021	5.47	
2/14/2022	5.65	
8/31/2022	5.59	
10/25/2022	5.64	
11/16/2022	5.65	
2/28/2023		5.66
8/3/2023		5.56
3/4/2024		5.9
5/20/2024		5.6 (R)

APPENDIX E

**Statistical Analyses
July-November 2024**

GROUNDWATER STATS CONSULTING



January 31, 2025

Southern Company Services
Attn: Mr. Joju Abraham
241 Ralph McGill Blvd NE, Bin 10160
Atlanta, Georgia 30308-3374

Re: Plant Scherer Cell 1 Landfill
Statistical Analysis – August 2024

Dear Mr. Abraham,

Groundwater Stats Consulting, formerly the statistical consulting division of Sanitas Technologies, is pleased to provide the groundwater statistical analysis for the 2024 2nd Semi-Annual Groundwater Monitoring Statistical Analysis sample event for Georgia Power Company's Plant Scherer Cell 1 Landfill. The analysis complies with the Georgia Environmental Protection Division (EPD) Rules for Solid Waste Management Chapter 391-3-4-.10 and follows the United States Environmental Protection Agency (USEPA) Unified Guidance (2009).

Sampling began for the Coal Combustion Residuals (CCR) program in 2016. Semi-annual sampling for 16 parameters began in 2010 in accordance with the Georgia Department of Natural Resources, Environmental Protection Division (Georgia EPD) groundwater monitoring regulations. At least 8 background samples have been collected at each of the groundwater monitoring wells.

The monitoring well network, as provided by Southern Company Services, consists of the following:

- **Upgradient wells:** GWA-15, GWA-16, and GWA-17
- **Downgradient wells:** GWC-1, GWC-2, GWC-3, GWC-4, GWC-5, GWC-6, GWC-7, GWC-8A, GWC-9, GWC-10, GWC-11, GWC-12, GWC-13, GWC-14, GWC-18, GWC-19, and GWC-20

Data were sent electronically to Groundwater Stats Consulting, and the statistical analysis was reviewed by Andrew Collins, Project Manager for Groundwater Stats Consulting. The analysis is prepared according to the recommended statistical methodology prepared in the Fall 2017 by Dr. Kirk Cameron, PhD Statistician with MacStat Consulting, primary author of the USEPA Unified Guidance.

The State and CCR program consist of the constituents listed below. The terms "parameters" and "constituents" are used interchangeably:

- **CCR Appendix III** - boron, calcium, chloride, fluoride, pH, sulfate, and TDS
- **Georgia EPD Appendix I** - antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, nickel, selenium, silver, thallium, vanadium, and zinc

Statistical analyses are not required when 100% non-detects are present in wells for a given constituent. A list of Appendix I and III well/constituent pairs with 100% non-detects follows this letter. Due to varying detection limits in data sets, generally due to improved laboratory practices, a substitution of the most recent reporting limit is used for all non-detects. Note that for calculation of intrawell prediction limits, substitution of the most recent reporting limit is performed separately for each well/parameter pair. In some cases, the reporting limit provided by the laboratory contained varying limits for a given constituent; therefore, the substitution may differ from well to well. This generally gives the most conservative limit in each case. In the case of fluoride, varying reporting limits resulted for the August 2024 event; however, the most recent reporting limit of 0.1 mg/L was substituted across all wells to maintain statistical limits that are conservative from a regulatory perspective.

Time series plots for CCR Appendix III and Georgia EPD Appendix I parameters at all wells are provided for the purpose of screening data at these wells (Figure A). Additionally, a separate section of box plots is included for all constituents at upgradient and downgradient wells (Figure B). The time series plots are used to initially screen for suspected outliers and trends, while the box plots provide visual representation of variation within individual wells and between all wells. Values in background which have been flagged as outliers may be seen in a lighter font and as a disconnected symbol on the graphs.

In earlier analyses, data at all wells for constituents detected in downgradient wells were evaluated for the following: 1) outliers; 2) trends; 3) most appropriate statistical method based on site characteristics of groundwater data upgradient of the facility; and 4) eligibility of downgradient wells when intrawell statistical methods are recommended.

Power curves were provided with the background update described below to demonstrate that the selected statistical methods for the constituents listed above comply with the USEPA Unified Guidance and the Georgia Environmental Protection Division Rules for Solid Waste Management Chapter 391-3-4-.10. The EPA suggests that the selected statistical method should provide at least 55% power at 3 standard deviations or at least 80% power at 4 standard deviations. It is assumed a minimum of 14 background samples for the state parameters and a minimum of 11 background samples for the federal parameters are available to provide adequate statistical power using a 1-of-2 resample plan. For any well/constituent pairs that contain less than the minimum sample size requirements, the earlier portion of the record required truncation due to elevated concentrations compared to recently reported measurements which results in more conservative (i.e., lower) limits. Power curves were based on the following:

Georgia EPD Appendix I Constituents:

- Semi-Annual Sampling
- Interwell Prediction Limits with 1-of-2 resample plan (arsenic and silver)
- Intrawell Prediction Limits with 1-of-2 resample plan (antimony, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, nickel, selenium, thallium, vanadium, and zinc)
- # Constituents: 16
- # Downgradient wells: 17

CCR Appendix III Constituents:

- Semi-Annual Sampling
- Intrawell Prediction Limits with 1-of-2 resample plan – (boron, calcium, chloride, fluoride, pH, sulfate, and TDS)
- # Constituents: 7
- # Downgradient wells: 17

The distribution of data is tested using the Shapiro-Wilk/Shapiro-Francia test for normality. Parametric prediction limits are utilized when the screened historical data follow a normal or transformed-normal distribution. When data cannot be normalized or the majority of data are non-detects, a nonparametric test is utilized. While the false positive rate associated with the parametric limits is based on an annual 10% (5% for each semi-annual sample event) as recommended by the EPA Unified Guidance (2009), the false positive rate associated with the nonparametric limits is dependent upon the available background sample size, number of future comparisons, and verification

resample plan. The following approaches are used for handling non-detects (USEPA, 2009):

- No statistical analyses are required on wells and analytes containing 100% non-detects (USEPA Unified Guidance, 2009, Chapter 6).
- When data contain <15% non-detects, simple substitution of one-half the reporting limit is utilized in the statistical analysis. The reporting limit utilized for non-detects is the most recent practical quantification limit (PQL) as reported by the laboratory.
- When data contain between 15-50% non-detects, the Kaplan-Meier non-detect adjustment is applied to the background data for parametric limits. This technique adjusts the mean and standard deviation of the historical concentrations to account for concentrations below the reporting limit.
- Nonparametric prediction limits are used on data containing greater than 50% non-detects.

Natural systems continuously evolve due to physical changes made to the environment. Examples include capping a landfill, paving areas near a well, or lining a drainage channel to prevent erosion. Periodic updating of background statistical limits is necessary to accommodate these types of changes. In the interwell case, prediction limits are updated with upgradient well data during each event after careful screening for any new outliers. In the intrawell case, data for all wells and constituents may be re-evaluated when a minimum of 4 new data points is available to determine whether earlier concentrations are representative of present-day groundwater quality. In some cases, an earlier portion of data is deselected prior to construction of limits to provide sensitive limits that will rapidly detect changes in groundwater quality. Even though the data are excluded from the calculation, the values will continue to be reported and shown in tables and graphs.

Two-Step Statistical Analysis

Intrawell statistical methods, combined with a 1-of-2 resample plan, may be used as a conservative first step for identifying potential facility impacts to groundwater quality in downgradient wells. Intrawell methods use background data from individual wells and may be overly sensitive to spatial variation. In particular, for nonparametric limits with small background sample sizes, the probability of a false positive result is higher than the desired annual sitewide rate of 10%. Therefore, a large number of exceedances may occur as a result of spatial variation rather than facility impacts. A second step can be used to further evaluate those exceedances and reduce the overall number of statistically significant increases (SSIs) that result from spatial variation. In instances where intrawell statistical methods identify an apparent SSI, a second step of interwell statistical

evaluation may be used to determine whether the measurement exceeds the sitewide background limit based on pooled upgradient well data. This is similar in concept to the procedure used in compliance monitoring programs where an interwell statistical limit is used to determine "background" (USEPA Unified Guidance (2009), Chapter 7, Section 7.5). For the detection monitoring program, if the result does not exceed sitewide (interwell) background, an SSI is not declared.

When the result exceeds the sitewide (interwell) background, the 1-of-2 resample plan allows for collection of an independent resample to confirm or disconfirm the initial finding. A statistically significant increase is not declared unless the resample also exceeds the intrawell prediction limit (United States Environmental Protection Agency (USEPA) Unified Guidance, March 2009, Chapter 19). When the resample confirms the initial exceedance, further research would be required to identify the cause of the exceedance (i.e., impact from the site, natural variation, or an off-site source). When any resample falls within the statistical limit, the initial exceedance is considered to be a false positive result, and no further action is necessary. In cases where intrawell and interwell exceedances are noted and no resamples are collected, the initial exceedance will be considered a confirmed SSI.

Trend tests, in addition to interwell prediction limits, are recommended for well/constituent pairs found to have an apparent intrawell SSI. Trend analysis will provide for detection of long-term changes and potential facility impacts at a given well in cases where the concentrations at that well remain below the sitewide upgradient limits. Thus, the two-step approach has additional capability to detect long-term changes at downgradient wells compared to interwell methods alone. While a trend may be identified by visual inspection, a quantification of the trend and its significance is needed to identify whether concentrations are statistically significantly increasing, decreasing, or remaining stable over time. The absence of a statistically significant increasing trend indicates that an initial intrawell exceedance is short-term and may be the result of spatial variation rather than facility impact to groundwater. If a facility impact has occurred, it will likely result in additional exceedances in future sampling events. When a statistically significant increasing trend is noted, additional data may be needed to demonstrate that there is reasonable evidence that the initial intrawell statistical exceedance is a result of spatial variation rather than a result of impact to groundwater quality downgradient of the facility.

Summary of Background Screening – CCR Appendix III – Conducted in 2017

The original background screening for CCR Appendix III constituents was conducted in 2017 by MacStat Consulting. Values identified as outliers were flagged in the database

and excluded prior to construction of statistical limits. Intrawell prediction limits, combined with a 1-of-2 resample plan, were recommended. The Analysis of Variance (ANOVA) was used to statistically evaluate differences in average concentrations among upgradient wells, which assists in identifying the most appropriate statistical approach. Interwell tests, which compare downgradient well data to statistical limits constructed from pooled upgradient well data, are appropriate when average concentrations are similar across upgradient wells. Intrawell tests, which compare compliance data from a single well to screened historical data within the same well, are appropriate when upgradient wells exhibit spatial variation; when statistical limits constructed from upgradient wells would not be conservative from a regulatory perspective; and when downgradient water quality is unimpacted compared to upgradient water quality for the same parameter. Based on the results of the original background screening, intrawell tests were recommended for all Appendix III parameters.

Summary of Background Screening – Georgia EPD Appendix I – Conducted in August 2019

Outlier Analysis

Time series plots were used to identify suspected outliers, or extreme values that would result in limits that are not representative of the current background data population. Suspected outliers at all wells and parameters were formally tested using Tukey's box plot method and, when identified, flagged in the computer database with "o" and deselected prior to construction of statistical limits. The results of Tukey's outlier test as well as a discussion of potential outliers and flagged values were included with the background screening report.

Seasonality

No obvious seasonal patterns were observed on the time series plots for any of the detected data; therefore, no deseasonalizing adjustments were made to the data. When seasonal patterns are observed, data may be deseasonalized so that the resulting limits will correctly account for the seasonality as a predictable pattern rather than random variation or a release.

Trend Tests

While trends may be identified by visual inspection, a quantification of the trend and its significance is needed. The Sen's Slope/Mann Kendall trend test, which tests for statistically significant increasing or decreasing trends, was used to evaluate data at all

upgradient wells and downgradient wells with detections for the following constituents: arsenic, barium, chromium, cobalt, copper, lead, nickel, selenium, silver, vanadium, and zinc.

In the absence of suspected contamination, significant trending data are typically not included as part of the background data used for construction of prediction limits. This step serves to eliminate the trend and, thus, reduce variation in background. When statistically significant decreasing trends are present, all available data are evaluated to determine whether earlier concentration levels are significantly different from current reported concentrations and will be deselected as necessary. When any records of data are truncated for the reasons above, a summary report will be provided to show the date ranges used in construction of the statistical limits.

The results of the trend analyses showed several statistically significant increasing trends. However, the majority of these trends were relatively low in magnitude when compared to average concentrations; therefore, most records required no adjustments. The following well/constituent pairs did require adjustments to the records in order to remove increasing trends and use more recent data that will result in statistical limits representative of present-day groundwater quality conditions: chromium in wells GWC-1 and GWC-10, and vanadium in well GWC-1. A summary of the background periods used for these well/constituent pairs follows this letter. When an increasing trend in a downgradient well is removed by truncating the earlier portion of the record for a constituent analyzed by intrawell limits, it is assumed that the trend is not the result of the facility. This assumption is supported by a boxplot for all wells, by pre-waste data, or by an alternate source demonstration.

Selenium at well GWC-5 had elevated concentrations beginning in 2015, reportedly, due to surface infiltration from a leaking pipe that has since been fixed. Therefore, trend tests were recommended in lieu of prediction limits. While the trend test showed an increasing trend when the entire record of data was evaluated, an additional trend test which evaluated only the most recent 8 measurements was included and demonstrated that the more recent measurements result in a statistically significant decreasing trend. Prediction limits resumed when at least 8 measurements returned to background levels.

Several statistically significant decreasing trends were noted, but no records required adjustment during the screening. Vanadium at well GWC-8A has several more recent low-level reported concentrations similar to those reported during the earliest years of sampling. If these low-level concentrations continue, once a minimum of 8 new observations is available, the background data will likely be truncated to only use more recent data for construction of statistical limits.

Determination of Spatial Variation

The Analysis of Variance (ANOVA) was used to statistically evaluate differences in average concentrations among upgradient wells for constituents detected in downgradient wells which included: arsenic, barium, chromium, cobalt, copper, lead, nickel, selenium, silver, vanadium, and zinc. The ANOVA assists in identifying the most appropriate statistical approach. Based on the results of the background screening, intrawell tests were recommended for antimony, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, nickel, selenium, thallium, vanadium, and zinc, while interwell tests were recommended for arsenic and silver. A summary table of the ANOVA results and a discussion of the intrawell method eligibility was included with the screening.

Background Updates – Georgia EPD Appendix I and CCR Appendix III

June 2021

Outlier Analysis

Prior to updating background data, visual screening was used to evaluate data for suspected outliers in upgradient and downgradient wells through September 2020. All of the more recent compliance measurements appeared stable with no spurious measurements compared to the previously screened historical data sets; therefore, no new outliers were flagged except for a high value for sulfate at well GWC-13 and the historic highest values for chloride and sulfate at GWC-5. These values were flagged in order to maintain conservative (i.e., lower) statistical limits. Outliers are displayed in a lighter font and as a disconnected symbol on the time series reports, as well as in a lighter font on the accompanying data pages.

Mann-Whitney Comparison of Medians

For constituents tested using intrawell prediction limits, which includes all Georgia EPD Appendix I constituents (except arsenic and silver which utilize interwell prediction limits) and all CCR Appendix III constituents, the Mann-Whitney (Wilcoxon Rank Sum) test was used to compare the medians of historical data through October 2018 to the new compliance samples at each well through September 2020. When no variation is present between historical data and compliance samples, the Mann-Whitney test is not performed. A list of well/constituent pairs with no variation was submitted with the background update. When the medians of the two groups are not statistically significantly different at the 99% confidence level, background data sets are updated to include the newer compliance data. The results of the Mann-Whitney test and discussion regarding

updating background records were included with the background update report. A summary of well/constituent pairs using a truncated portion of their record to establish intrawell prediction limits follows this letter. All records for Appendix I and Appendix III constituents using intrawell methods will be re-evaluated during each background update.

Trend Tests

For constituents requiring interwell prediction limits (arsenic and silver), the Sen's Slope/Mann Kendall trend test, which tests for statistically significant increasing or decreasing trends, was used to evaluate data at all upgradient wells. As mentioned above, in the absence of suspected contamination, significant trending data are typically not included as part of the background data used for construction of prediction limits. This step serves to eliminate the trend, thus reducing variation in background. When statistically significant decreasing trends are present, all available data are evaluated to determine whether earlier concentration levels are significantly different from current reported concentrations and will be deselected as necessary. No significant trends were identified among upgradient wells for arsenic and silver; therefore, no further action was necessary. Complete graphical results of the trend tests were submitted with the background update report.

May 2023

Outlier Analysis

Prior to updating background data, visual screening and Tukey's outlier test were used to evaluate data for suspected outliers in upgradient and downgradient wells through December 2022. Both Tukey's outlier test and visual screening confirmed previously flagged outliers with the exception of low values for pH at upgradient well GWA-15, downgradient wells GWC-2, GWC-11, GWC-12, and GWC-14. These values were unflagged during the update as the measurements were representative of concentrations throughout the respective records. Elevated historic concentrations compared to present-day conditions, such as the highest respective values for copper in downgradient well GWC-8A, lead in downgradient well GWC-3, pH in well GWC-2, and TDS in downgradient well GWC-11, were flagged in order to maintain conservative (i.e., lower) statistical limits. A summary of all flagged outliers follows this letter (Figure C). Outliers are displayed in a lighter font and as a disconnected symbol on the time series reports as well as in a lighter font on the accompanying data pages.

Mann-Whitney Comparison of Medians

For constituents tested using intrawell prediction limits, which include all Georgia EPD Appendix I constituents (except arsenic and silver which utilize interwell prediction limits) and all CCR Appendix III constituents, the Mann-Whitney (Wilcoxon Rank Sum) test was used to compare the medians of historical data through September 2020 to the new compliance samples at each well through December 2022. When no variation is present between historical data and compliance samples, the Mann-Whitney test is not performed. When the medians of the two groups are not statistically significantly different at the 99% confidence level (either an increase or decrease), background data sets may be updated to include the newer compliance data. The results of the Mann-Whitney test showed statistically significant differences for the following well/constituent pairs:

Increase:

- Barium: GWC-10, GWC-12, GWC-13, GWC-19, and GWC-4
- Calcium: GWC-19, GWC-4, and GWC-8A
- Chloride: GWA-15 (upgradient) GWC-10, GWC-14, GWC-18, GWC-19, GWC-7
- Chromium: GWC-10 and GWC-19
- Nickel: GWC-2 and GWC-8A
- pH: GWC-18
- Sulfate: GWC-10 and GWC-4

Decrease:

- Antimony: GWC-4
- Beryllium: GWC-5 and GWC-8A
- Boron: GWC-5 and GWC-6
- Cadmium: GWC-2
- Calcium: GWC-5
- Cobalt: GWC-12 and GWC-9
- Copper: GWC-1, GWC-2, and GWC-3
- Fluoride: GWC-18 and GWC-19
- Nickel: GWA-15 (upgradient), GWC-1, GWC-11, GWC-12, GWC-20, GWC-4, GWC-5, and GWC-6
- Selenium: GWC-4 and GWC-5
- Sulfate: GWC-5
- Thallium: GWC-19, GWC-5, GWC-6, GWC-8A, and GWC-9
- TDS: GWC-5
- Vanadium: GWA-8A (upgradient)

For both Appendix I and III well/constituent pairs with a statistically significant increase in median concentrations, the following records were not updated with data through December 2022 in order to maintain statistical limits that are conservative from a regulatory perspective:

- Barium: GWC-10, GWC-13, GWC-19, and GWC-4
- Calcium: GWC-19 and GWC-8A
- Sulfate: GWC-10 and GWC-4

The following records were updated through December 2022 because the newer data were within or close to the range of earlier data and would have little to no impact on resulting statistical limits:

- Barium: GWC-12
- Calcium: GWC-4
- Chloride: GWA-15 (upgradient), GWC-10, GWC-14, GWC-18, GWC-19, GWC-7
- Chromium: GWC-10 and GWC-19
- Nickel: GWC-2 and GWC-8A
- pH: GWC-18

Note that the record for calcium at GWC-4 was updated through August 2022 rather than December 2022 in order to maintain statistical limits that are conservative (i.e., lower) from a regulatory perspective. Although an increasing trend is present for chloride at well GWC-10, the reported concentrations remain low resulting in an intrawell prediction limit of 5 mg/L, which is significantly lower than the Maximum Concentration Limit (MCL) of 250 mg/L. This record will be re-evaluated during the next background update.

Regarding Appendix I and III well/constituent pairs with a statistically significant decrease in median concentrations, all records were updated with compliance data as all cases (with the exception of boron, calcium, selenium, sulfate, and TDS at well GWC-5) contained compliance data at or below the reporting limit. For the aforementioned constituents at well GWC-5, background data were updated through December 2022, and elevated concentrations reported earlier in the record were truncated in order to construct statistical limits that are conservative (i.e., lower) from a regulatory perspective and are more representative of present-day groundwater quality conditions. For the same reasons, earlier concentrations for chloride at well GWC-5 were also truncated from the record, even though the difference in medians was not statistically significant.

The Mann Whitney test did not identify significant differences in medians for lead; however, it was noted during the previous update that historical data prior to 2016 are variable and appear to represent a sampling or analysis error. Therefore, all historical data prior to 2016 for lead were truncated so that resulting prediction limits are conservative (i.e., lower) from a regulatory perspective.

Due to variable concentrations, a trend test was previously recommended in lieu of prediction limits for selenium at well GWC-5 until at least the most recent 8 observations had stabilized at lower concentrations. Since no significant trends were identified for selenium among the most recent concentrations at the 99% confidence level and data appear to have stabilized, intrawell prediction limits were constructed using a truncated record as described above.

A summary of well/constituent pairs using a truncated portion of their record to establish intrawell prediction limits follows this letter. All records for Appendix I and Appendix III constituents using intrawell methods will be re-evaluated during the next background update.

Trend Tests

For constituents requiring interwell prediction limits (arsenic and silver), the Sen's Slope/Mann Kendall trend test, which tests for statistically significant increasing or decreasing trends, was used to evaluate data at all upgradient wells at the 99% confidence level. As mentioned above, in the absence of suspected contamination, significant trending data are typically not included as part of the background data used for construction of prediction limits. This step serves to eliminate the trend, thus reducing variation in background. When statistically significant decreasing trends are present, all available data are evaluated to determine whether earlier concentration levels are significantly different from current reported concentrations and will be deselected as necessary. No significant trends were identified among upgradient wells for arsenic and silver; therefore, no further action was necessary. Complete graphical results of the trend tests were included with the previous update.

Prediction Limits - Appendix I & III Constituents – August 2024

Intrawell limits were used to evaluate all Appendix I and III constituents in this analysis with the exception of arsenic and silver, which use interwell limits. In cases where intrawell analyses are recommended and downgradient average concentrations are higher than upgradient observed concentrations for a given constituent, the current assumption is that the higher upgradient concentrations are due to spatial variation rather than a result

of practices at the landfill. The pre-waste data support this logic, as well as the alternate source demonstrations prepared by Golder Associates.

When there is not an obvious explanation for observed concentration differences in downgradient wells relative to reported concentrations in upgradient wells (such as arsenic and silver), interwell prediction limits will initially be selected for the statistical method until further evidence shows that concentrations are due to spatial variation rather than a result of the facility.

Intrawell Prediction Limits

Intrawell prediction limits, combined with a 1-of-2 resample plan, were constructed using all available data through December 2022, except for cases mentioned above, within each well with detections for Appendix I constituents (antimony, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, nickel, selenium, thallium, vanadium, and zinc) and Appendix III constituents (boron, calcium, chloride, fluoride, pH, sulfate, and TDS) (Figures D & E respectively). No statistical analyses were required for well/constituent pairs containing 100% non-detects.

As discussed earlier, the most recent reporting limit is substituted on a well-by-well basis for computing intrawell prediction limits. Therefore, individual wells can have different substitutions for a given parameter depending on what the laboratory has reported for each well. Note that the intrawell prediction limits slightly changed compared to the limits established during the background update for vanadium at downgradient well GWC-8A and sulfate at downgradient well GWC-10 due to a Sanitas™ software update that performs a substitution of ½ the most recent reporting limit when <15% non-detects are present in the background data set rather than an entire data set. No significant changes to statistical limits occurred as a result.

In the event of an initial exceedance of compliance well data, the 1-of-2 resample plan allows for collection of one additional sample to determine whether the initial exceedance is confirmed. When resamples confirm the initial exceedance, an SSI is identified, and further research would be required to identify the cause of the exceedance (i.e., impact from the site, natural variation, or an off-site source). If a resample falls within the statistical limit, the initial exceedance is considered to be a false positive result, and no further action is necessary. The following statistical exceedances were noted for the intrawell prediction limits:

Appendix I

- Barium: GWC-14, GWC-19, GWC-20, and GWC-4
- Chromium: GWA-16 (upgradient) and GWC-7
- Nickel: GWC-2

Appendix III

- Boron: GWC-4 and GWC-6
- Calcium: GWA-16 (upgradient), GWC-14, GWC-19, GWC-20, GWC-4, GWC-7, and GWC-9
- Chloride: GWC-10, GWC-14, GWC-4, GWC-7, and GWC-9
- Sulfate: GWC-10, GWC-3, GWC-4, GWC-7, and GWC-9
- TDS: GWC-4

Two-Step Approach

Following the two-step analysis procedure discussed above, interwell prediction limits were then constructed using pooled upgradient well data through August 2024 to evaluate the Appendix I and III apparent intrawell prediction limit exceedances (Figures F and G, respectively). The following statistical exceedances were noted for the interwell prediction limits:

Appendix I

- Barium: GWC-4
- Chromium: GWC-7
- Nickel: GWC-2

Appendix III

- Boron: GWC-4 and GWC-6
- Calcium: GWC-19, GWC-20, GWC-4, GWC-7, and GWC-9
- Chloride: GWC-4
- Sulfate: GWC-10, GWC-3, GWC-4, and GWC-9
- TDS: GWC-4

Interwell Prediction Limits

Interwell prediction limits, combined with a 1-of-2 resample plan, were then constructed using all pooled upgradient well data through August 2024 to develop background limits for arsenic and silver (Figure H). No statistical exceedances were noted for the interwell prediction limits. Summary tables of the intrawell and interwell prediction limits follow this letter along with the complete graphical results. The interwell limits are updated

during each analysis after screening for new outliers on the current upgradient well data, while the intrawell prediction limits are updated when a minimum of four new compliance observations is available.

Trend Tests

When prediction limit exceedances occur in any of the downgradient wells, data are further evaluated using the Sen's Slope/Mann Kendall trend test at the 99% confidence level to determine whether concentrations are significantly increasing, decreasing, or stable (Figure I). Upgradient wells are included in the trend analyses to identify whether similar patterns exist upgradient of the site which is an indication of variability in groundwater unrelated to practices at the site.

A summary of the trend tests follows this letter along with complete graphical results of the trend analysis. Statistically significant trends were noted for the following well/constituent pairs:

Increasing:

- Barium: GWC-19 and GWC-4
- Calcium: GWA-17 (upgradient), GWC-14, GWC-19, GWC-4, and GWC-7
- Chloride: GWA-15 (upgradient), GWC-10, GWC-14, GWC-4, and GWC-7
- Chromium: GWA-16 and GWA-17 (both upgradient)
- Sulfate: GWA-15 (upgradient), GWC-10, and GWC-4
- TDS: GWC-4

Decreasing:

- Barium: GWA-17 (upgradient)
- Chloride: GWA-17 (upgradient)

Resample Reports – November 2024

Resamples were collected in November 2024 based on the results of the two-step approach for the following well/constituent pairs:

- Boron: GWC-4 and GWC-6
- Calcium: GWC-9
- Chromium: GWC-7
- Nickel: GWC-2
- Sulfate: GWC-3 and GWC-9

Additional resamples for pH at downgradient wells GWC-2, GWC-3, GWC-4, GWC-6, GWC-7, and GWC-9 were also collected. Intrawell prediction limits were constructed using background data through December 2022 to compare the November 2024 resamples for Appendix I and III parameters (Figures J and K). Exceedances were identified for the following well/constituent pairs:

Appendix I

- Chromium: GWC-7

Appendix III

- Calcium: GWC-9
- pH: GWC-7
- Sulfate: GWC-3 and GWC-9

In accordance with the two-step approach, interwell prediction limits were constructed to evaluate the apparent exceedances (Figures L and M). Exceedances were identified for the following well/constituent pairs:

Appendix I

- Chromium: GWC-7

Appendix III:

- Calcium: GWC-9
- Sulfate: GWC-3 and GWC-9

Summary

Based on the results of the two-step approach and resamples, apparent intrawell prediction limit exceedances also exceeded the interwell prediction limits for the following well/constituent pairs:

Appendix I

- Barium: GWC-4
- Chromium: GWC-7

Appendix III

- Calcium: GWC-19, GWC-20, GWC-4, GWC-7, and GWC-9
- Chloride: GWC-4
- Sulfate: GWC-10, GWC-3, GWC-4, and GWC-9
- TDS: GWC-4

Thank you for the opportunity to assist you in the statistical analysis of groundwater quality for Plant Scherer Cell 1 Landfill. If you have any questions or comments, please feel free to contact us.

For Groundwater Stats Consulting,



Easton Rayner
Groundwater Analyst



Andrew T. Collins
Project Manager

100% Non-Detects - Appendix I

Analysis Run 9/16/2024 11:33 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Antimony, Total (mg/L)

GWA-15, GWA-17, GWC-1, GWC-10, GWC-11, GWC-13, GWC-14, GWC-20, GWC-5, GWC-6, GWC-8A, GWC-9

Beryllium, Total (mg/L)

GWA-15, GWA-16, GWC-1, GWC-10, GWC-11, GWC-12, GWC-13, GWC-14, GWC-18, GWC-19, GWC-2, GWC-20, GWC-3, GWC-4, GWC-6, GWC-9

Cadmium, Total (mg/L)

GWA-15, GWA-16, GWC-1, GWC-10, GWC-12, GWC-13, GWC-14, GWC-18, GWC-19, GWC-20, GWC-3, GWC-4, GWC-5, GWC-6, GWC-7, GWC-9

Cobalt, Total (mg/L)

GWC-10, GWC-13, GWC-14

Copper (mg/L)

GWA-15, GWC-10, GWC-12, GWC-19, GWC-5

Lead, Total (mg/L)

GWA-15, GWC-12

Mercury (mg/L)

GWC-12

Selenium, Total (mg/L)

GWC-13, GWC-20

Silver (mg/L)

GWA-15, GWA-16, GWA-17, GWC-10, GWC-11, GWC-12, GWC-14, GWC-18, GWC-19, GWC-2, GWC-20, GWC-3, GWC-4, GWC-5, GWC-7, GWC-8A, GWC-9

Thallium, Total (mg/L)

GWC-10, GWC-11, GWC-12, GWC-13, GWC-14, GWC-18, GWC-20, GWC-3

100% Non-Detects - Appendix III

Analysis Run 9/16/2024 3:38 PM View: Appendix III - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Boron (mg/L)

GWA-16, GWC-11, GWC-14, GWC-18, GWC-19

Date Ranges

Date: 9/17/2024 11:13 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Barium, Total (mg/L)

GWC-10 background:5/10/2010-10/2/2018
GWC-13 background:5/9/2010-10/3/2018
GWC-19 background:5/11/2010-10/2/2018
GWC-4 background:5/11/2010-9/10/2020

Boron (mg/L)

GWC-5 background:3/27/2019-8/25/2022

Calcium (mg/L)

GWC-19 background:4/11/2016-9/9/2020
GWC-4 background:4/12/2016-8/25/2022
GWC-5 background:3/22/2018-8/25/2022
GWC-8A background:4/19/2016-10/4/2018

Chloride (mg/L)

GWC-5 background:10/3/2018-8/25/2022

Lead, Total (mg/L)

GWA-15 background:4/6/2016-12/28/2022
GWA-16 background:4/6/2016-12/28/2022
GWA-17 background:4/6/2016-12/28/2022
GWC-1 background:4/6/2016-12/28/2022
GWC-10 background:4/6/2016-12/28/2022
GWC-11 background:4/6/2016-12/28/2022
GWC-12 background:4/6/2016-12/28/2022
GWC-13 background:4/6/2016-12/28/2022
GWC-14 background:4/6/2016-12/28/2022
GWC-18 background:4/6/2016-12/28/2022
GWC-19 background:4/6/2016-12/28/2022
GWC-2 background:4/6/2016-12/28/2022
GWC-20 background:4/6/2016-12/28/2022
GWC-3 background:4/6/2016-12/28/2022
GWC-4 background:4/6/2016-12/28/2022
GWC-5 background:4/6/2016-12/28/2022
GWC-6 background:4/6/2016-12/28/2022
GWC-7 background:4/6/2016-12/28/2022
GWC-8A background:4/6/2016-12/28/2022
GWC-9 background:4/6/2016-12/28/2022

Selenium, Total (mg/L)

GWC-5 background:3/27/2019-8/25/2022

Sulfate (mg/L)

GWC-10 background:4/13/2016-10/2/2018
GWC-4 background:4/12/2016-9/10/2020
GWC-5 background:10/3/2018-8/25/2022

Total Dissolved Solids (mg/L)

GWC-5 background:3/22/2018-8/25/2022

Appendix I Intrawell Prediction Limits - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 9/16/2024, 12:03 PM

Constituent	Well	Upper Lim.	Date	Obsrv.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium, Total (mg/L)	GWC-14	0.01173	8/8/2024	0.013	Yes	31	8.9e-7	2.9e-7	3.226	None	x^3	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-19	0.01999	8/6/2024	0.035	Yes	25	9.0e-8	2.7e-8	4	None	x^4	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-20	0.03594	8/6/2024	0.037	Yes	33	0.00002786	0.000007479	3.03	None	x^3	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-4	0.05318	8/7/2024	0.097	Yes	29	0.0383	0.005897	0	None	No	0.0001937	Param Intra 1 of 2
Chromium, Total (mg/L)	GWA-16	0.007375	8/6/2024	0.008	Yes	33	0.004866	0.001012	3.03	None	No	0.0001937	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-7	0.018	8/6/2024	0.02	Yes	33	n/a	n/a	0	n/a	n/a	0.001701	NP Intra (normality) 1 of 2
Nickel (mg/L)	GWC-2	0.0028	8/6/2024	0.0029	Yes	27	n/a	n/a	62.96	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 9/16/2024, 12:03 PM

Constituent	Well	Upper Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Zinc (mg/L)	GWC-18	0.0077	8/6/2024	0.005ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-19	0.0059	8/6/2024	0.005ND	No	27	n/a	n/a	96.3	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-2	0.01	8/6/2024	0.005ND	No	28	n/a	n/a	92.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-20	0.0065	8/6/2024	0.005ND	No	28	n/a	n/a	92.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-3	0.0069	8/7/2024	0.0028J	No	25	n/a	n/a	92	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-4	0.006	8/7/2024	0.005ND	No	28	n/a	n/a	92.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-5	0.0089	8/6/2024	0.005ND	No	27	n/a	n/a	70.37	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-6	0.0062	8/7/2024	0.005ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-7	0.0074	8/6/2024	0.005ND	No	28	n/a	n/a	92.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-8A	0.085	8/6/2024	0.005ND	No	25	n/a	n/a	48	n/a	n/a	0.002832	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-9	0.005	8/6/2024	0.005ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2

Appendix III Intrawell Prediction Limits - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 9/16/2024, 3:59 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	GWC-4	0.08	n/a	8/7/2024	0.13	Yes	19	n/a	n/a	100	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-6	0.08	n/a	8/7/2024	0.085	Yes	19	n/a	n/a	89.47	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Calcium (mg/L)	GWA-16	14.22	n/a	8/6/2024	15	Yes	19	11.57	1.07	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-14	7.642	n/a	8/8/2024	8.3	Yes	19	6.478	0.4694	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-19	15.99	n/a	8/6/2024	20	Yes	15	11.46	1.718	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-20	15.76	n/a	8/6/2024	17	Yes	19	184.5	25.79	0	None	x^2	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-4	17.6	n/a	8/7/2024	29	Yes	19	13	1.856	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-7	16	n/a	8/6/2024	17	Yes	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality) 1 of 2
Calcium (mg/L)	GWC-9	21	n/a	8/6/2024	22	Yes	20	n/a	n/a	0	n/a	n/a	0.004291	NP Intra (normality) 1 of 2
Chloride (mg/L)	GWC-10	5	n/a	8/6/2024	5.2	Yes	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality) 1 of 2
Chloride (mg/L)	GWC-14	3.819	n/a	8/8/2024	4.4	Yes	19	3.022	0.3219	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-4	16.42	n/a	8/7/2024	19	Yes	19	8.083	3.363	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-7	3	n/a	8/6/2024	4.9	Yes	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality) 1 of 2
Chloride (mg/L)	GWC-9	4.596	n/a	8/6/2024	5.2	Yes	19	3.639	0.3861	0	None	No	0.0004426	Param Intra 1 of 2
Sulfate (mg/L)	GWC-10	1.311	n/a	8/6/2024	4.4	Yes	11	0.5825	0.386	27.27	Kaplan-Meier	x^2	0.0004426	Param Intra 1 of 2
Sulfate (mg/L)	GWC-3	1.1	n/a	8/7/2024	15	Yes	19	n/a	n/a	57.89	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-4	6.288	n/a	8/7/2024	73	Yes	15	2.937	1.27	0	None	No	0.0004426	Param Intra 1 of 2
Sulfate (mg/L)	GWC-7	1	n/a	8/6/2024	1.4	Yes	19	n/a	n/a	78.95	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-9	18.9	n/a	8/6/2024	22	Yes	19	3.156	0.4807	0	None	sqrt(x)	0.0004426	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-4	178.1	n/a	8/7/2024	250	Yes	19	123.4	22.1	0	None	No	0.0004426	Param Intra 1 of 2

Appendix I Interwell Prediction Limits - Two Step - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 9/16/2024, 1:51 PM

Constituent	Well	Upper Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium, Total (mg/L)	GWC-4	0.051	8/7/2024	0.097	Yes	111	n/a	n/a	1.802	n/a	n/a	0.0001598	NP Inter (normality) 1 of 2
Chromium, Total (mg/L)	GWC-7	0.012	8/6/2024	0.02	Yes	111	n/a	n/a	33.33	n/a	n/a	0.0001598	NP Inter (normality) 1 of 2
Nickel (mg/L)	GWC-2	0.00202	8/6/2024	0.0029	Yes	95	n/a	n/a	83.16	n/a	n/a	0.0002129	NP Inter (NDs) 1 of 2

Appendix I Interwell Prediction Limits - Two Step - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 9/16/2024, 1:51 PM

Constituent	Well	Upper Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium, Total (mg/L)	GWC-14	0.051	8/8/2024	0.013	No	111	n/a	n/a	1.802	n/a	n/a	0.0001598	NP Inter (normality) 1 of 2
Barium, Total (mg/L)	GWC-19	0.051	8/6/2024	0.035	No	111	n/a	n/a	1.802	n/a	n/a	0.0001598	NP Inter (normality) 1 of 2
Barium, Total (mg/L)	GWC-20	0.051	8/6/2024	0.037	No	111	n/a	n/a	1.802	n/a	n/a	0.0001598	NP Inter (normality) 1 of 2
Barium, Total (mg/L)	GWC-4	0.051	8/7/2024	0.097	Yes	111	n/a	n/a	1.802	n/a	n/a	0.0001598	NP Inter (normality) 1 of 2
Chromium, Total (mg/L)	GWC-7	0.012	8/6/2024	0.02	Yes	111	n/a	n/a	33.33	n/a	n/a	0.0001598	NP Inter (normality) 1 of 2
Nickel (mg/L)	GWC-2	0.00202	8/6/2024	0.0029	Yes	95	n/a	n/a	83.16	n/a	n/a	0.0002129	NP Inter (NDs) 1 of 2

Appendix III Interwell Prediction Limits - Two Step - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 9/16/2024, 7:50 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	GWC-4	0.08	n/a	8/7/2024	0.13	Yes	69	n/a	n/a	97.1	n/a	n/a	0.0003928	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-6	0.08	n/a	8/7/2024	0.085	Yes	69	n/a	n/a	97.1	n/a	n/a	0.0003928	NP Inter (NDs) 1 of 2
Calcium (mg/L)	GWC-19	15	n/a	8/6/2024	20	Yes	69	n/a	n/a	0	n/a	n/a	0.0003928	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-20	15	n/a	8/6/2024	17	Yes	69	n/a	n/a	0	n/a	n/a	0.0003928	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-4	15	n/a	8/7/2024	29	Yes	69	n/a	n/a	0	n/a	n/a	0.0003928	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-7	15	n/a	8/6/2024	17	Yes	69	n/a	n/a	0	n/a	n/a	0.0003928	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-9	15	n/a	8/6/2024	22	Yes	69	n/a	n/a	0	n/a	n/a	0.0003928	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-4	7.2	n/a	8/7/2024	19	Yes	69	n/a	n/a	0	n/a	n/a	0.0003928	NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-10	3.5	n/a	8/6/2024	4.4	Yes	69	n/a	n/a	68.12	n/a	n/a	0.0003928	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-3	3.5	n/a	8/7/2024	15	Yes	69	n/a	n/a	68.12	n/a	n/a	0.0003928	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-4	3.5	n/a	8/7/2024	73	Yes	69	n/a	n/a	68.12	n/a	n/a	0.0003928	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-9	3.5	n/a	8/6/2024	22	Yes	69	n/a	n/a	68.12	n/a	n/a	0.0003928	NP Inter (NDs) 1 of 2
Total Dissolved Solids (mg/L)	GWC-4	137.1	n/a	8/7/2024	250	Yes	69	71.36	30.91	2.899	None	No	0.0004426	Param Inter 1 of 2

Appendix III Interwell Prediction Limits - Two Step - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 9/16/2024, 7:50 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	GWC-4	0.08	n/a	8/7/2024	0.13	Yes	69	n/a	n/a	97.1	n/a	n/a	0.0003928	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-6	0.08	n/a	8/7/2024	0.085	Yes	69	n/a	n/a	97.1	n/a	n/a	0.0003928	NP Inter (NDs) 1 of 2
Calcium (mg/L)	GWC-14	15	n/a	8/8/2024	8.3	No	69	n/a	n/a	0	n/a	n/a	0.0003928	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-19	15	n/a	8/6/2024	20	Yes	69	n/a	n/a	0	n/a	n/a	0.0003928	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-20	15	n/a	8/6/2024	17	Yes	69	n/a	n/a	0	n/a	n/a	0.0003928	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-4	15	n/a	8/7/2024	29	Yes	69	n/a	n/a	0	n/a	n/a	0.0003928	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-7	15	n/a	8/6/2024	17	Yes	69	n/a	n/a	0	n/a	n/a	0.0003928	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-9	15	n/a	8/6/2024	22	Yes	69	n/a	n/a	0	n/a	n/a	0.0003928	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-10	7.2	n/a	8/6/2024	5.2	No	69	n/a	n/a	0	n/a	n/a	0.0003928	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-14	7.2	n/a	8/8/2024	4.4	No	69	n/a	n/a	0	n/a	n/a	0.0003928	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-4	7.2	n/a	8/7/2024	19	Yes	69	n/a	n/a	0	n/a	n/a	0.0003928	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-7	7.2	n/a	8/6/2024	4.9	No	69	n/a	n/a	0	n/a	n/a	0.0003928	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-9	7.2	n/a	8/6/2024	5.2	No	69	n/a	n/a	0	n/a	n/a	0.0003928	NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-10	3.5	n/a	8/6/2024	4.4	Yes	69	n/a	n/a	68.12	n/a	n/a	0.0003928	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-3	3.5	n/a	8/7/2024	15	Yes	69	n/a	n/a	68.12	n/a	n/a	0.0003928	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-4	3.5	n/a	8/7/2024	73	Yes	69	n/a	n/a	68.12	n/a	n/a	0.0003928	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-7	3.5	n/a	8/6/2024	1.4	No	69	n/a	n/a	68.12	n/a	n/a	0.0003928	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-9	3.5	n/a	8/6/2024	22	Yes	69	n/a	n/a	68.12	n/a	n/a	0.0003928	NP Inter (NDs) 1 of 2
Total Dissolved Solids (mg/L)	GWC-4	137.1	n/a	8/7/2024	250	Yes	69	71.36	30.91	2.899	None	No	0.0004426	Param Inter 1 of 2

Appendix I Interwell Prediction Limits - All Results (No Significant)

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 9/16/2024, 1:56 PM

Constituent	Well	Upper Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Arsenic, Total (mg/L)	GWC-1	0.001	8/6/2024	0.001ND	No	111	n/a	n/a	97.3	n/a	n/a	0.0001598	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-10	0.001	8/6/2024	0.001ND	No	111	n/a	n/a	97.3	n/a	n/a	0.0001598	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-11	0.001	8/6/2024	0.001ND	No	111	n/a	n/a	97.3	n/a	n/a	0.0001598	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-12	0.001	8/6/2024	0.001ND	No	111	n/a	n/a	97.3	n/a	n/a	0.0001598	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-13	0.001	8/6/2024	0.001ND	No	111	n/a	n/a	97.3	n/a	n/a	0.0001598	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-14	0.001	8/8/2024	0.001ND	No	111	n/a	n/a	97.3	n/a	n/a	0.0001598	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-18	0.001	8/6/2024	0.001ND	No	111	n/a	n/a	97.3	n/a	n/a	0.0001598	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-19	0.001	8/6/2024	0.001ND	No	111	n/a	n/a	97.3	n/a	n/a	0.0001598	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-2	0.001	8/6/2024	0.001ND	No	111	n/a	n/a	97.3	n/a	n/a	0.0001598	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-20	0.001	8/6/2024	0.001ND	No	111	n/a	n/a	97.3	n/a	n/a	0.0001598	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-3	0.001	8/7/2024	0.001ND	No	111	n/a	n/a	97.3	n/a	n/a	0.0001598	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-4	0.001	8/7/2024	0.001ND	No	111	n/a	n/a	97.3	n/a	n/a	0.0001598	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-5	0.001	8/6/2024	0.001ND	No	111	n/a	n/a	97.3	n/a	n/a	0.0001598	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-6	0.001	8/7/2024	0.001ND	No	111	n/a	n/a	97.3	n/a	n/a	0.0001598	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-7	0.001	8/6/2024	0.001ND	No	111	n/a	n/a	97.3	n/a	n/a	0.0001598	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-8A	0.001	8/6/2024	0.001ND	No	111	n/a	n/a	97.3	n/a	n/a	0.0001598	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-9	0.001	8/6/2024	0.001ND	No	111	n/a	n/a	97.3	n/a	n/a	0.0001598	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-1	0.001	8/6/2024	0.001ND	No	96	n/a	n/a	100	n/a	n/a	0.0002086	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-10	0.001	8/6/2024	0.001ND	No	96	n/a	n/a	100	n/a	n/a	0.0002086	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-11	0.001	8/6/2024	0.001ND	No	96	n/a	n/a	100	n/a	n/a	0.0002086	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-12	0.001	8/6/2024	0.001ND	No	96	n/a	n/a	100	n/a	n/a	0.0002086	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-13	0.001	8/6/2024	0.001ND	No	96	n/a	n/a	100	n/a	n/a	0.0002086	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-14	0.001	8/8/2024	0.001ND	No	96	n/a	n/a	100	n/a	n/a	0.0002086	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-18	0.001	8/6/2024	0.001ND	No	96	n/a	n/a	100	n/a	n/a	0.0002086	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-19	0.001	8/6/2024	0.001ND	No	96	n/a	n/a	100	n/a	n/a	0.0002086	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-2	0.001	8/6/2024	0.001ND	No	96	n/a	n/a	100	n/a	n/a	0.0002086	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-20	0.001	8/6/2024	0.001ND	No	96	n/a	n/a	100	n/a	n/a	0.0002086	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-3	0.001	8/7/2024	0.001ND	No	96	n/a	n/a	100	n/a	n/a	0.0002086	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-4	0.001	8/7/2024	0.001ND	No	96	n/a	n/a	100	n/a	n/a	0.0002086	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-5	0.001	8/6/2024	0.001ND	No	96	n/a	n/a	100	n/a	n/a	0.0002086	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-6	0.001	8/7/2024	0.001ND	No	96	n/a	n/a	100	n/a	n/a	0.0002086	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-7	0.001	8/6/2024	0.001ND	No	96	n/a	n/a	100	n/a	n/a	0.0002086	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-8A	0.001	8/6/2024	0.001ND	No	96	n/a	n/a	100	n/a	n/a	0.0002086	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-9	0.001	8/6/2024	0.001ND	No	96	n/a	n/a	100	n/a	n/a	0.0002086	NP Inter (NDs) 1 of 2

Appendix I & III Trend Tests - Prediction Limit Exceedances - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 9/16/2024, 7:57 PM

<u>Constituent</u>	<u>Well</u>	<u>Slope</u>	<u>Calc.</u>	<u>Critical</u>	<u>Sig.</u>	<u>N</u>	<u>%NDs</u>	<u>Normality</u>	<u>Xform</u>	<u>Alpha</u>	<u>Method</u>
Barium, Total (mg/L)	GWA-17 (bg)	-0.0006184	-209	-199	Yes	37	2.703	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWC-19	0.001087	382	199	Yes	37	2.703	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWC-4	0.002373	555	214	Yes	39	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-17 (bg)	0.2972	149	98	Yes	23	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-14	0.1621	127	98	Yes	23	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-19	1.197	209	105	Yes	24	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-4	1.464	199	105	Yes	24	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-7	0.3257	138	105	Yes	24	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-15 (bg)	0.1367	112	98	Yes	23	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-17 (bg)	-0.03901	-130	-98	Yes	23	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWC-10	0.3219	205	98	Yes	23	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWC-14	0.1043	115	98	Yes	23	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWC-4	1.932	227	111	Yes	25	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWC-7	0.2681	161	98	Yes	23	0	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-16 (bg)	0.0001389	210	199	Yes	37	2.703	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-17 (bg)	0.0002281	295	199	Yes	37	2.703	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-15 (bg)	0.1525	130	98	Yes	23	34.78	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWC-10	0.4803	262	118	Yes	26	11.54	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWC-4	3.811	171	111	Yes	25	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWC-4	16.11	194	105	Yes	24	0	n/a	n/a	0.01	NP

Appendix I & III Trend Tests - Prediction Limit Exceedances - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 9/16/2024, 7:57 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Barium, Total (mg/L)	GWA-15 (bg)	0	74	199	No	37	2.703	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWA-16 (bg)	-0.0001793	-126	-199	No	37	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWA-17 (bg)	-0.0006184	-209	-199	Yes	37	2.703	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWC-14	0.0001409	179	184	No	35	2.857	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWC-19	0.001087	382	199	Yes	37	2.703	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWC-20	0.0001125	79	199	No	37	2.703	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWC-4	0.002373	555	214	Yes	39	0	n/a	n/a	0.01	NP
Boron (mg/L)	GWA-15 (bg)	0	-18	-98	No	23	95.65	n/a	n/a	0.01	NP
Boron (mg/L)	GWA-16 (bg)	0	0	98	No	23	100	n/a	n/a	0.01	NP
Boron (mg/L)	GWA-17 (bg)	0	20	98	No	23	95.65	n/a	n/a	0.01	NP
Boron (mg/L)	GWC-4	0	22	98	No	23	95.65	n/a	n/a	0.01	NP
Boron (mg/L)	GWC-6	0	3	98	No	23	86.96	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-15 (bg)	0	9	98	No	23	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-16 (bg)	0.1936	66	98	No	23	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-17 (bg)	0.2972	149	98	Yes	23	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-14	0.1621	127	98	Yes	23	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-19	1.197	209	105	Yes	24	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-20	0.3386	98	98	No	23	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-4	1.464	199	105	Yes	24	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-7	0.3257	138	105	Yes	24	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-9	0.1837	67	105	No	24	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-15 (bg)	0.1367	112	98	Yes	23	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-16 (bg)	0	-37	-98	No	23	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-17 (bg)	-0.03901	-130	-98	Yes	23	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWC-10	0.3219	205	98	Yes	23	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWC-14	0.1043	115	98	Yes	23	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWC-4	1.932	227	111	Yes	25	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWC-7	0.2681	161	98	Yes	23	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWC-9	0.08009	72	98	No	23	0	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-15 (bg)	0	-3	-199	No	37	94.59	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-16 (bg)	0.0001389	210	199	Yes	37	2.703	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-17 (bg)	0.0002281	295	199	Yes	37	2.703	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWC-7	-0.00001204	-29	-199	No	37	0	n/a	n/a	0.01	NP
Nickel (mg/L)	GWA-15 (bg)	0	-161	-161	No	32	65.63	n/a	n/a	0.01	NP
Nickel (mg/L)	GWA-16 (bg)	0	-10	-152	No	31	96.77	n/a	n/a	0.01	NP
Nickel (mg/L)	GWA-17 (bg)	0	-40	-161	No	32	87.5	n/a	n/a	0.01	NP
Nickel (mg/L)	GWC-2	0	86	152	No	31	54.84	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-15 (bg)	0.1525	130	98	Yes	23	34.78	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-16 (bg)	0	-7	-98	No	23	86.96	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-17 (bg)	0	6	98	No	23	82.61	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWC-10	0.4803	262	118	Yes	26	11.54	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWC-3	0.1165	93	118	No	26	42.31	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWC-4	3.811	171	111	Yes	25	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWC-7	0	66	98	No	23	69.57	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWC-9	0.5239	60	98	No	23	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWA-15 (bg)	1.835	67	98	No	23	8.696	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWA-16 (bg)	1.017	30	98	No	23	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWA-17 (bg)	3.275	87	98	No	23	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWC-4	16.11	194	105	Yes	24	0	n/a	n/a	0.01	NP

Appendix I Intrawell Prediction Limits - 11/2024 Resample - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 12/2/2024, 10:40 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBg	Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Chromium, Total (mg/L)	GWC-7	0.018	n/a	11/6/2024	0.02	Yes	33	n/a	n/a	n/a	0	n/a	n/a	0.001701 NP Intra (normality) 1 of 2

Appendix I Intrawell Prediction Limits - 11/2024 Resample - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 12/2/2024, 10:40 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBg	Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Chromium, Total (mg/L)	GWC-7	0.018	n/a	11/6/2024	0.02	Yes	33	n/a	n/a	n/a	0	n/a	n/a	0.001701 NP Intra (normality) 1 of 2
Nickel (mg/L)	GWC-2	0.0028	n/a	11/7/2024	0.002	No	27	n/a	n/a	n/a	62.96	n/a	n/a	0.002502 NP Intra (NDs) 1 of 2

Appendix III Intrawell Prediction Limits - 11/2024 Resample - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 12/2/2024, 10:50 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg.NBg	Mean	Std.Dev.	%NDs	ND Adj.	TransformAlpha	Method
Calcium (mg/L)	GWC-9	21	n/a	11/6/2024	23	Yes	20	n/a	n/a	0	n/a	n/a	0.004291 NP Intra (normality) 1 of 2
pH (S.U.)	GWC-7	6.42	5.96	11/6/2024	6.51	Yes	21	n/a	n/a	0	n/a	n/a	0.007998 NP Intra (normality) 1 of 2
Sulfate (mg/L)	GWC-3	1.1	n/a	11/7/2024	18	Yes	19	n/a	n/a	57.89	n/a	n/a	0.004832 NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-9	18.9	n/a	11/6/2024	30	Yes	19	3.156	0.4807	0	None	sqrt(x)	0.0004426 Param Intra 1 of 2

Appendix III Intrawell Prediction Limits - 11/2024 Resample - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 12/2/2024, 10:50 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBq	Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Boron (mg/L)	GWC-4	0.08	n/a	11/6/2024	0.022J	No	19	n/a	n/a	n/a	100	n/a	n/a	0.004832 NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-6	0.08	n/a	11/6/2024	0.08ND	No	19	n/a	n/a	n/a	89.47	n/a	n/a	0.004832 NP Intra (NDs) 1 of 2
Calcium (mg/L)	GWC-9	21	n/a	11/6/2024	23	Yes	20	n/a	n/a	0	n/a	n/a	0.004291	NP Intra (normality) 1 of 2
pH (S.U.)	GWC-2	7	6.23	11/7/2024	6.45	No	21	n/a	n/a	n/a	0	n/a	n/a	0.007998 NP Intra (normality) 1 of 2
pH (S.U.)	GWC-3	6.199	5.711	11/7/2024	6	No	22	5.955	0.1016	0	None	No	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-4	6.554	6.011	11/6/2024	6.15	No	24	6.282	0.1147	0	None	No	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-6	6.43	6.09	11/6/2024	6.4	No	23	n/a	n/a	0	n/a	n/a	0.006831	NP Intra (normality) 1 of 2
pH (S.U.)	GWC-7	6.42	5.96	11/6/2024	6.51	Yes	21	n/a	n/a	0	n/a	n/a	0.007998	NP Intra (normality) 1 of 2
pH (S.U.)	GWC-9	6.907	6.275	11/6/2024	6.58	No	23	6.591	0.1325	0	None	No	0.0002213	Param Intra 1 of 2
Sulfate (mg/L)	GWC-3	1.1	n/a	11/7/2024	18	Yes	19	n/a	n/a	57.89	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-9	18.9	n/a	11/6/2024	30	Yes	19	3.156	0.4807	0	None	sqrt(x)	0.0004426	Param Intra 1 of 2

Appendix I Interwell Prediction Limits - Two-Step 11/2024 Resample - All/Significant

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 12/2/2024, 10:45 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBg	Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Chromium, Total (mg/L)	GWC-7	0.012	n/a	11/6/2024	0.02	Yes	111	n/a		n/a	33.33	n/a	n/a	0.0001598 NP Inter (normality) 1 of 2

Appendix III Interwell Prediction Limits - Two-Step 11/2024 Resample - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 12/2/2024, 10:53 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBg	Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Calcium (mg/L)	GWC-9	15	n/a	11/6/2024	23	Yes	69	n/a	n/a	n/a	0	n/a	n/a	0.0003928 NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-3	3.5	n/a	11/7/2024	18	Yes	69	n/a	n/a	n/a	68.12	n/a	n/a	0.0003928 NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-9	3.5	n/a	11/6/2024	30	Yes	69	n/a	n/a	n/a	68.12	n/a	n/a	0.0003928 NP Inter (NDs) 1 of 2

Appendix III Interwell Prediction Limits - Two-Step 11/2024 Resample - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 12/2/2024, 10:53 AM

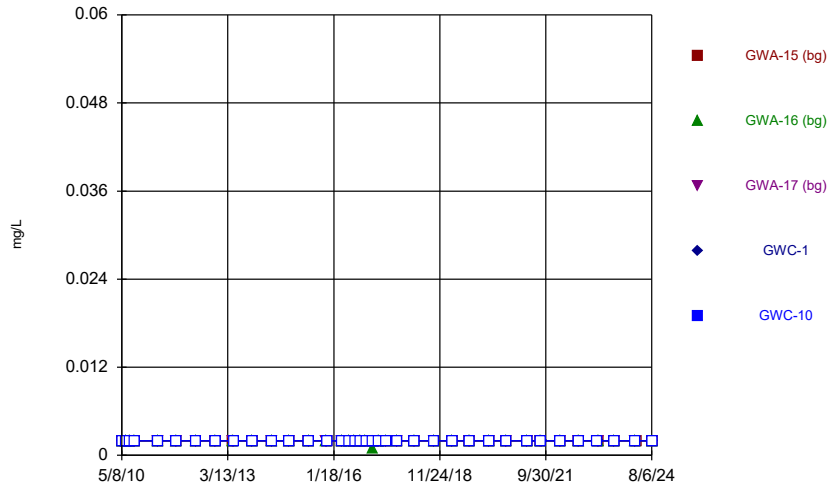
Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBg	Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Calcium (mg/L)	GWC-9	15	n/a	11/6/2024	23	Yes	69	n/a	n/a	n/a	0	n/a	n/a	0.0003928 NP Inter (normality) 1 of 2
pH (S.U.)	GWC-7	6.52	5.24	11/6/2024	6.51	No	79	n/a	n/a	n/a	0	n/a	n/a	0.0006056 NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-3	3.5	n/a	11/7/2024	18	Yes	69	n/a	n/a	n/a	68.12	n/a	n/a	0.0003928 NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-9	3.5	n/a	11/6/2024	30	Yes	69	n/a	n/a	n/a	68.12	n/a	n/a	0.0003928 NP Inter (NDs) 1 of 2

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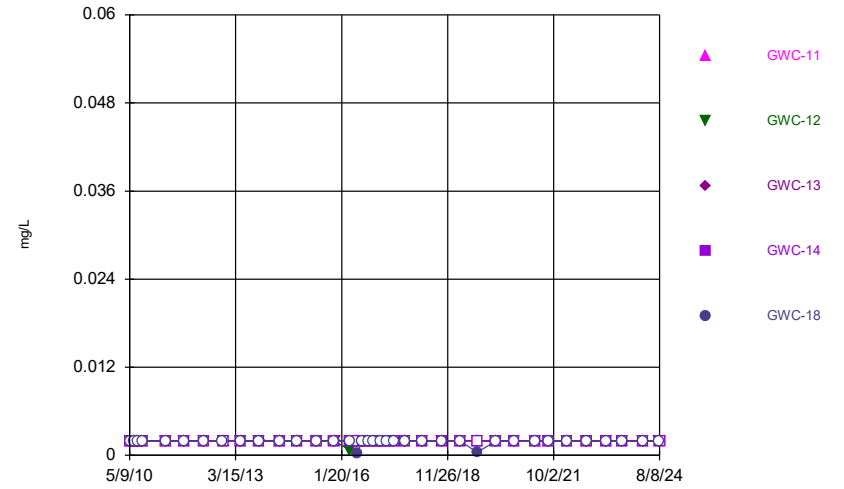
FIGURE A.

Time Series



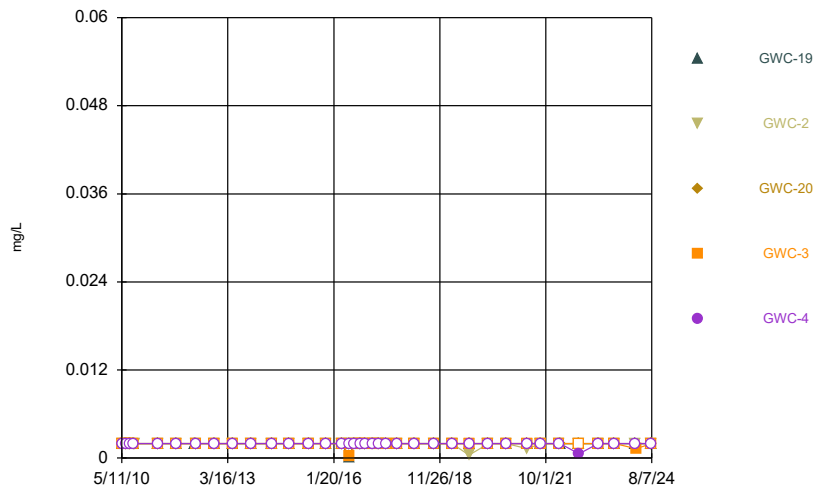
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Time Series



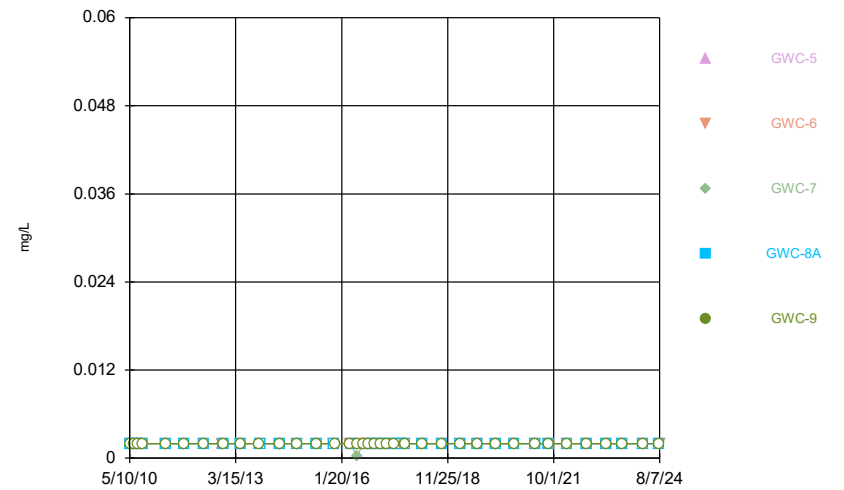
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Time Series



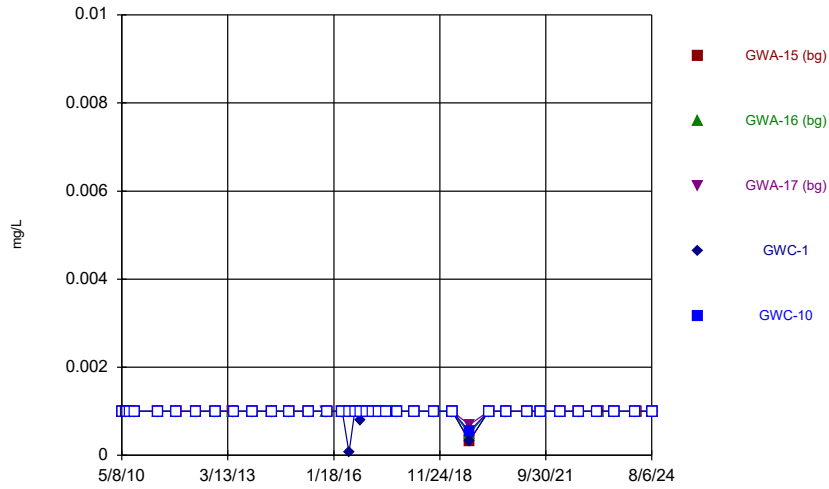
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Time Series



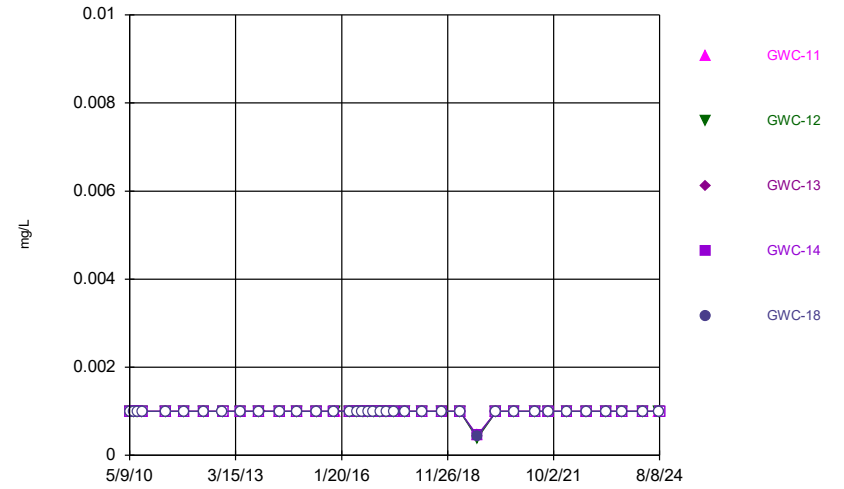
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Time Series



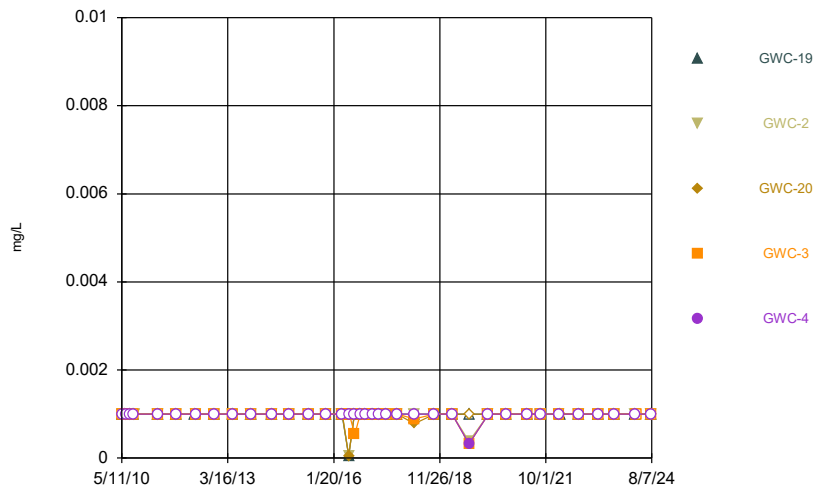
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Time Series



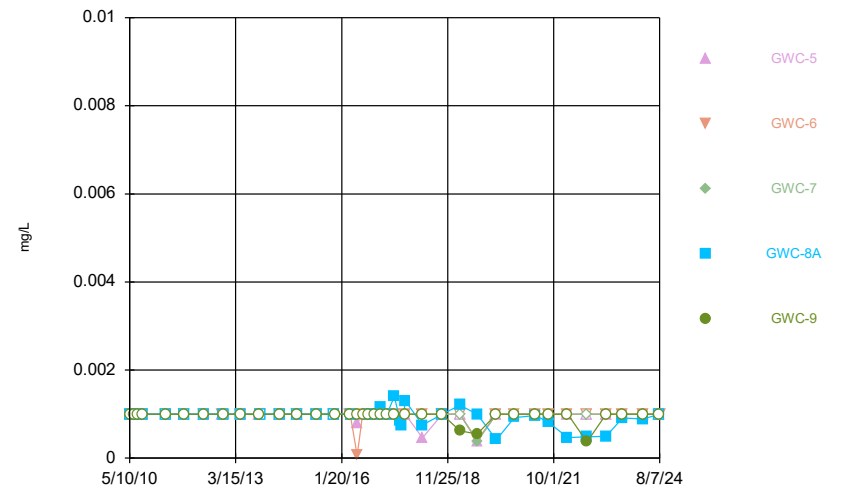
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Time Series



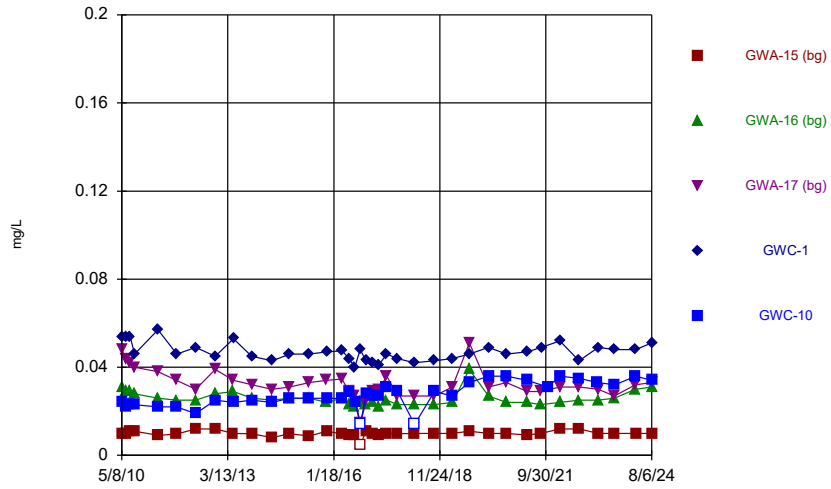
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Time Series



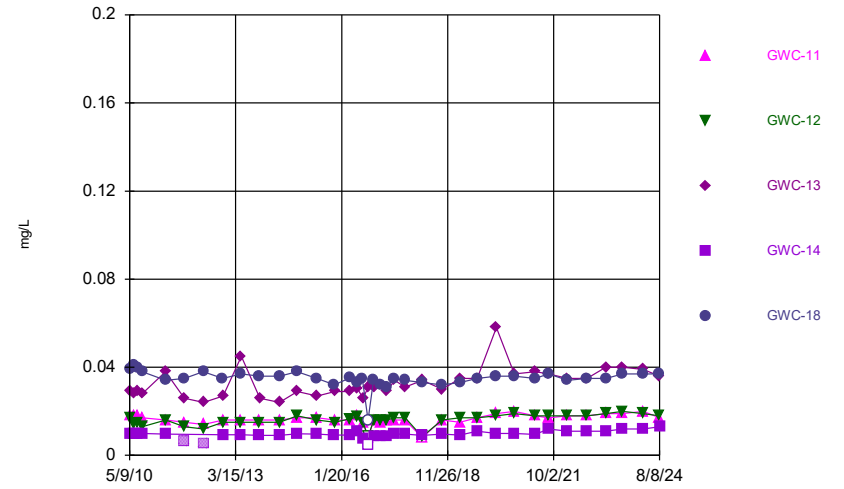
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Time Series



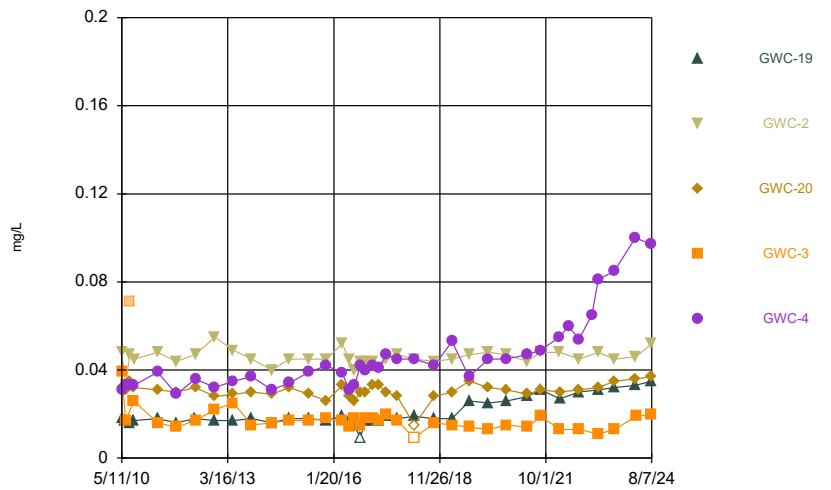
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Time Series



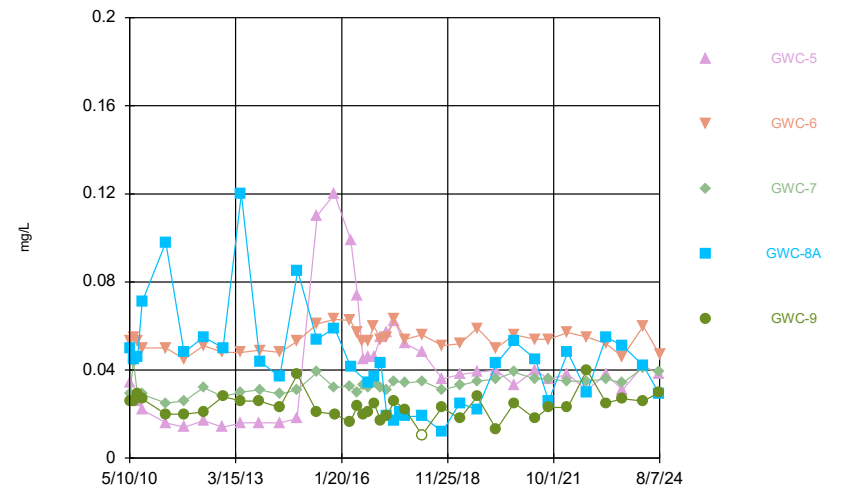
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Time Series



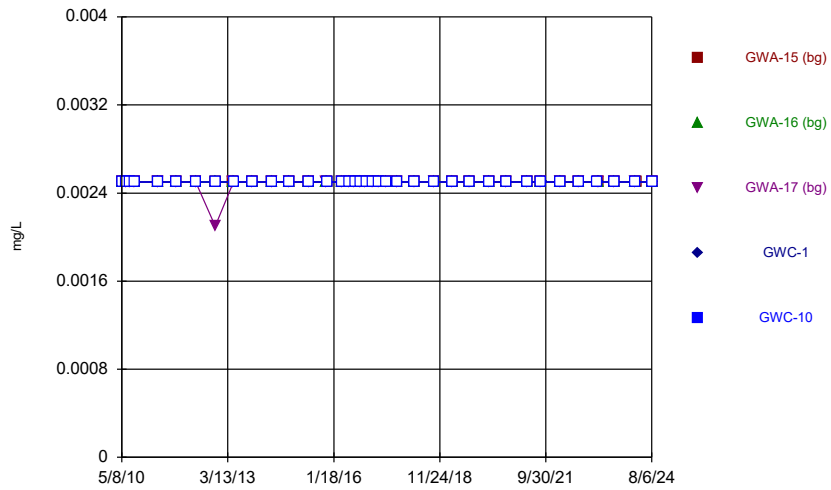
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Time Series



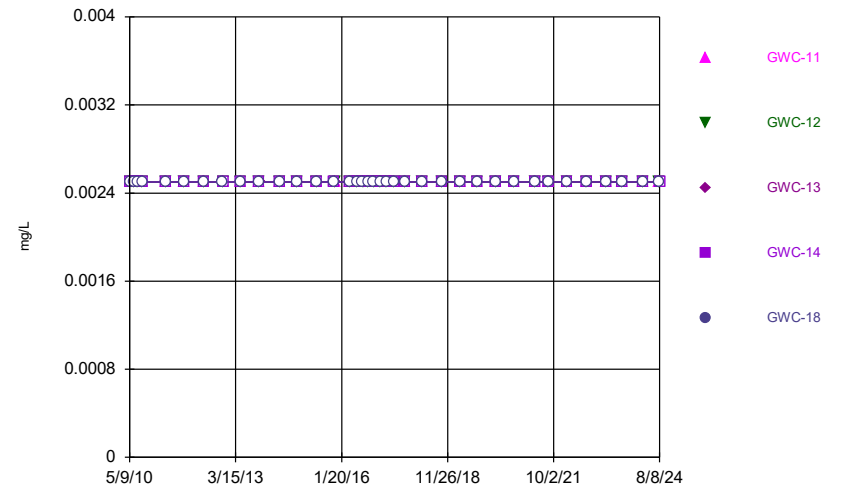
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Time Series



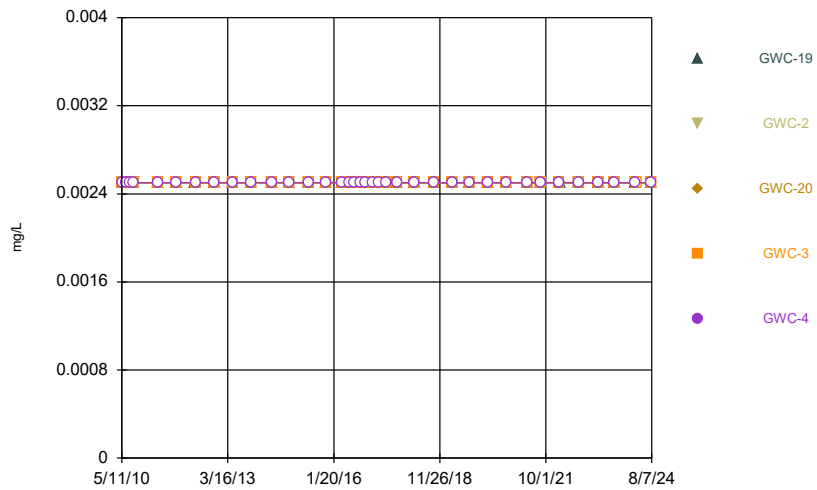
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Time Series



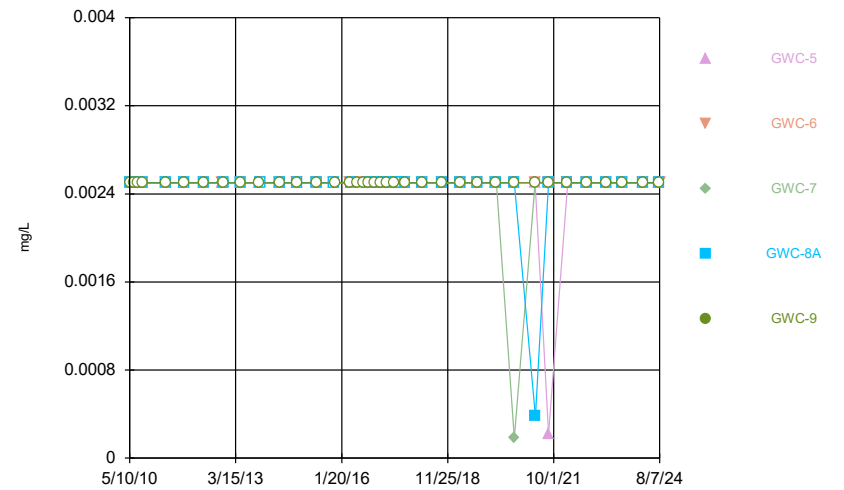
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Time Series



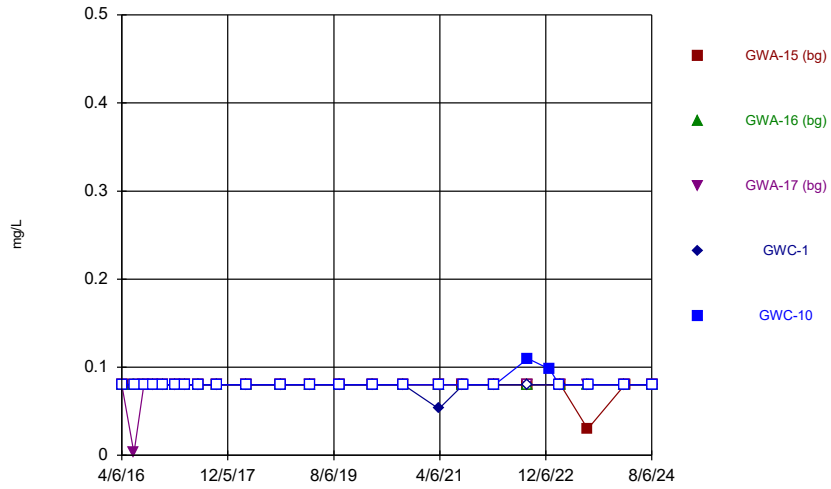
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Time Series



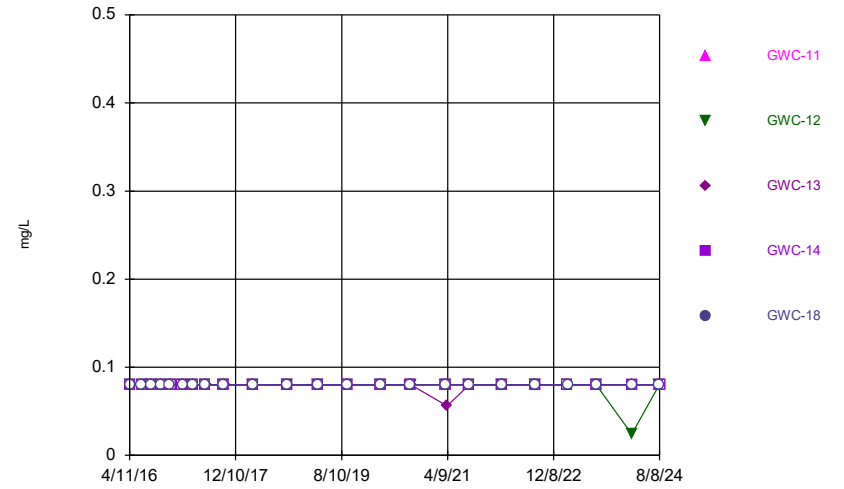
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Time Series



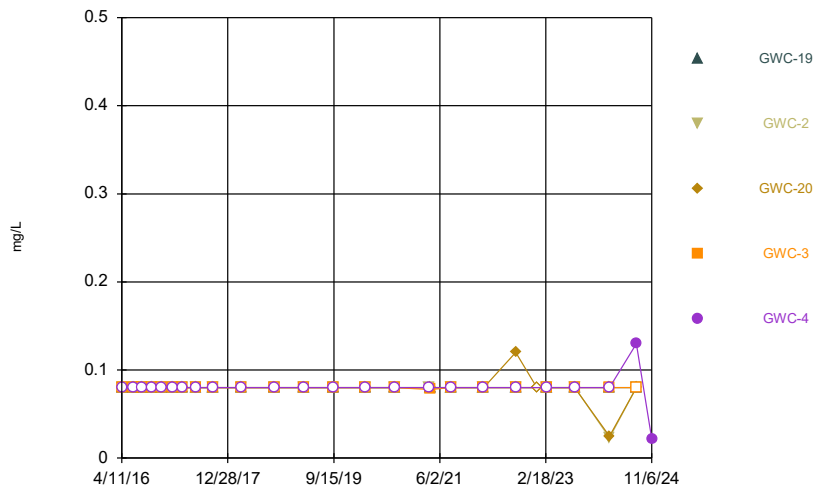
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Time Series



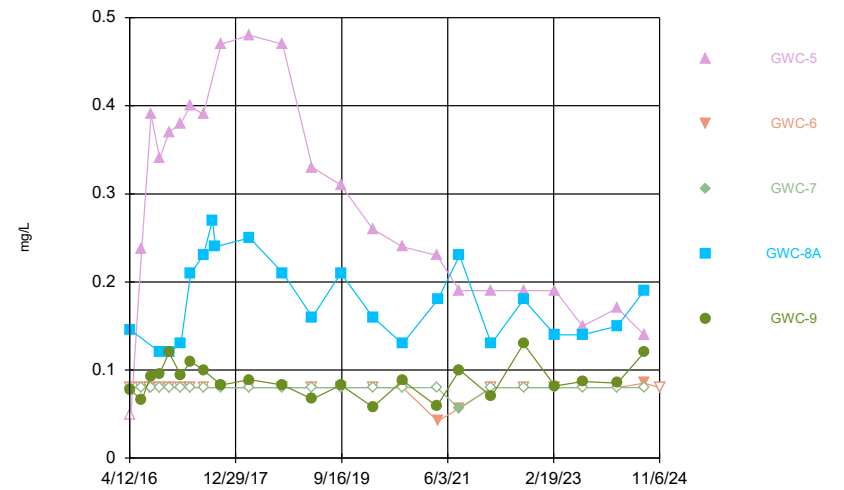
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Time Series



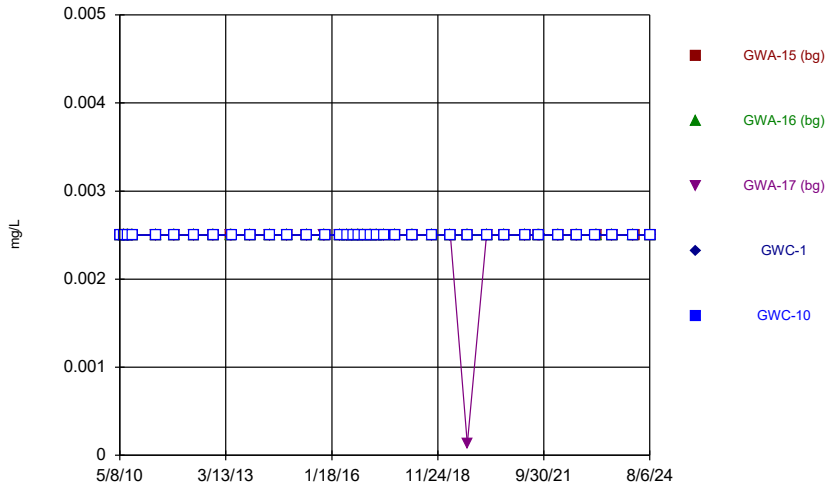
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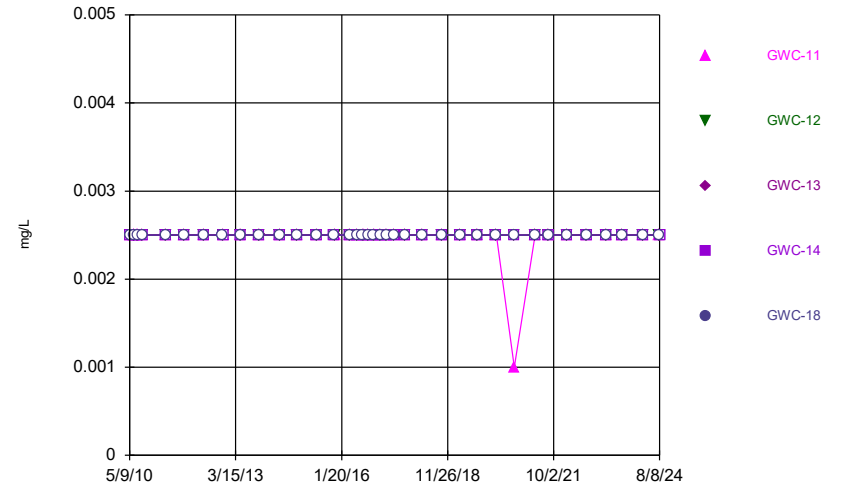
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Time Series



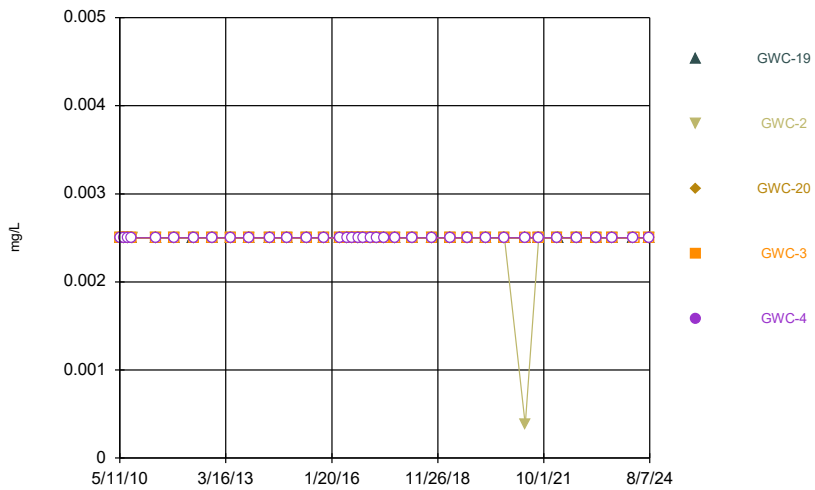
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Time Series



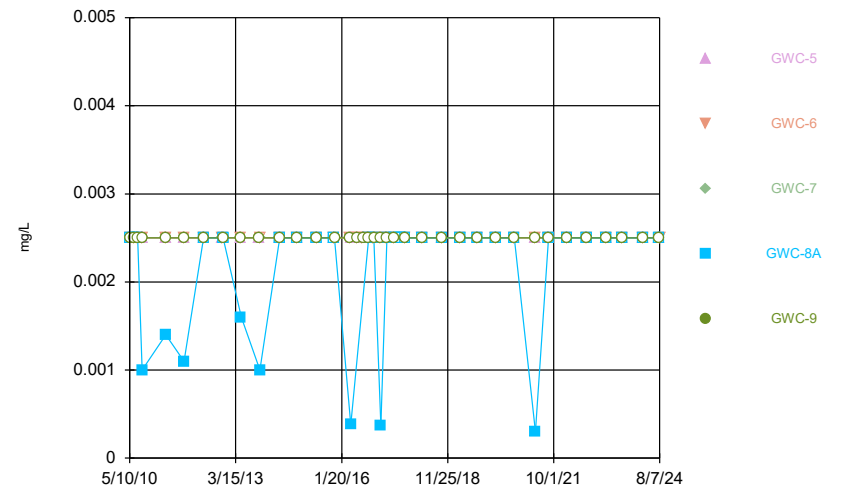
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Time Series



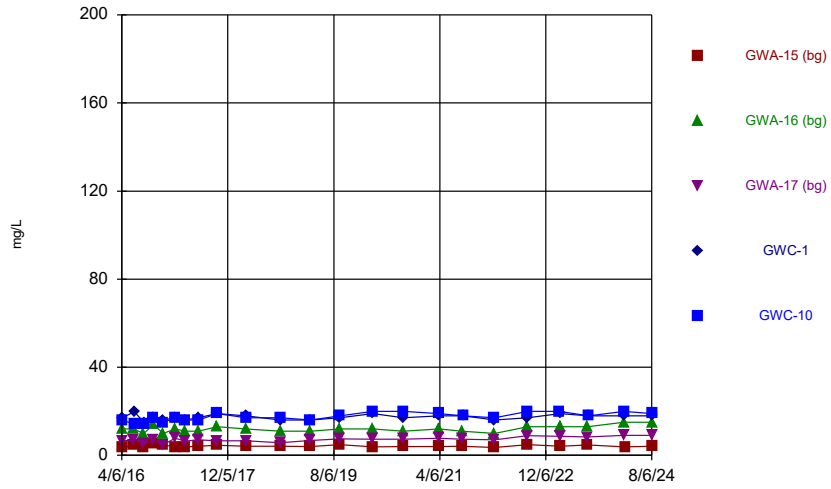
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Time Series



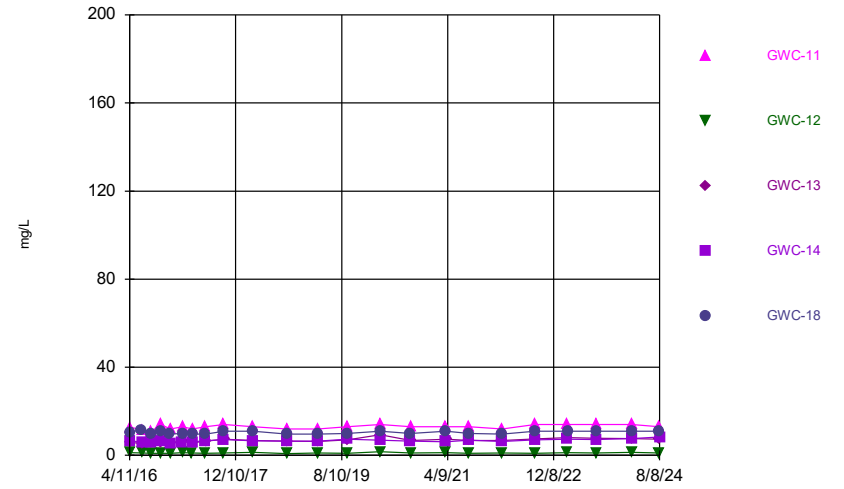
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Time Series



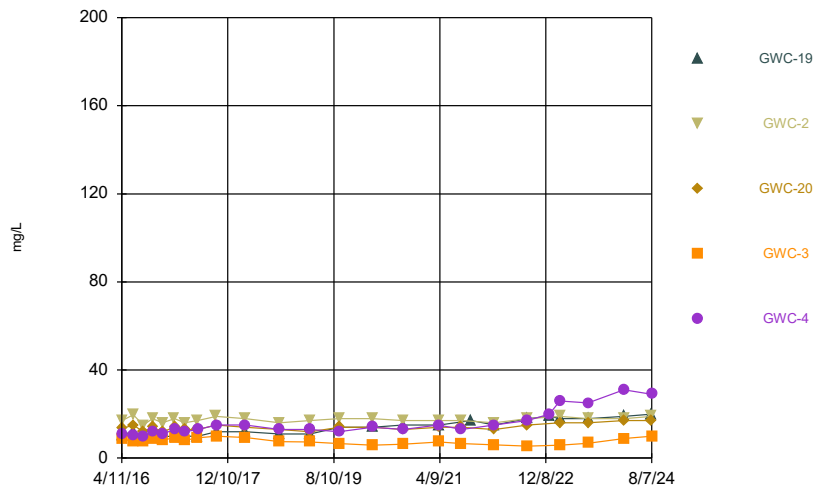
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Time Series



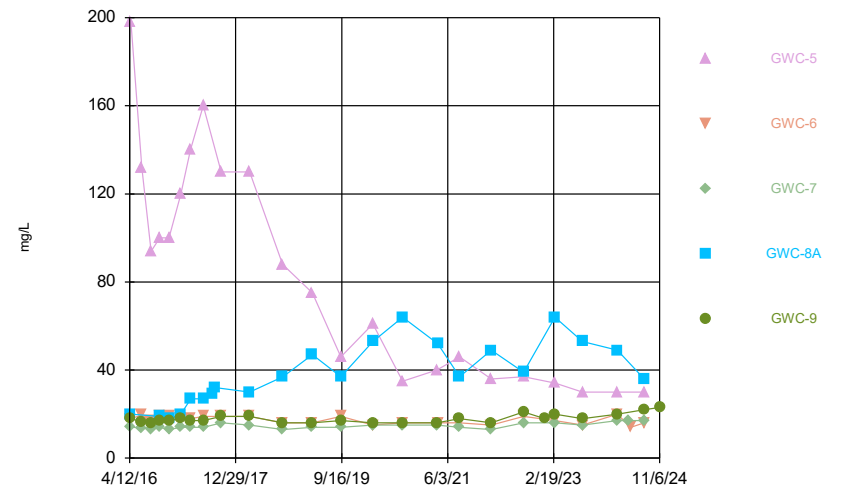
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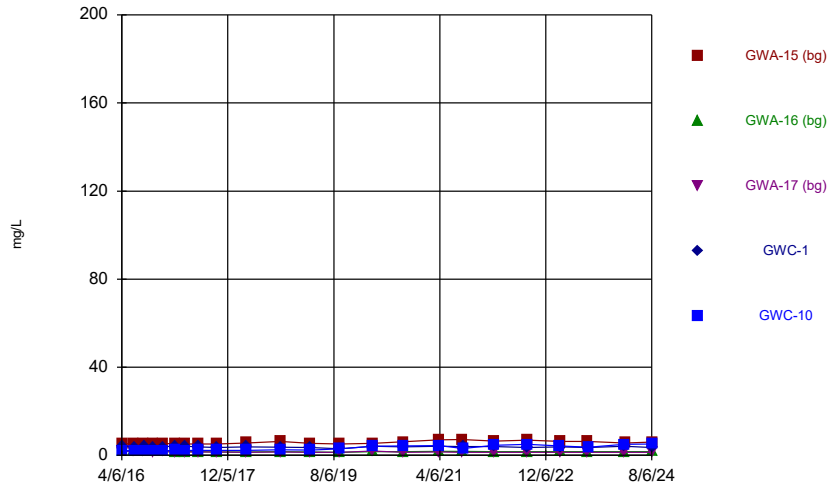
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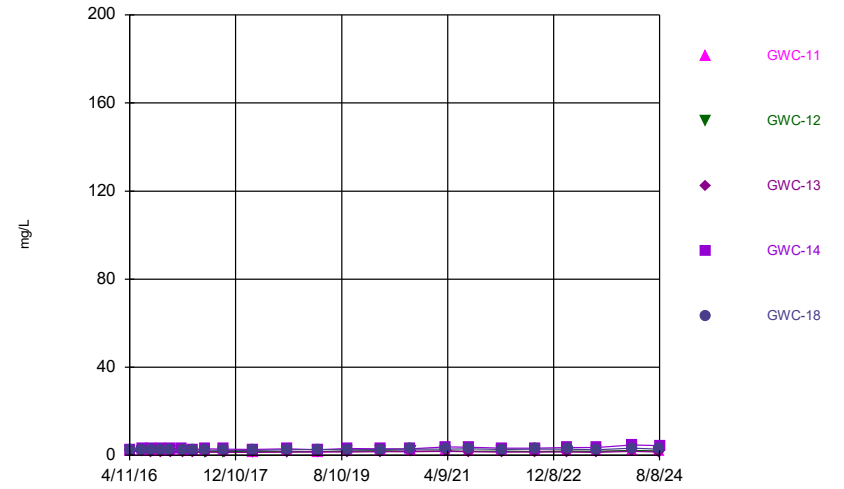
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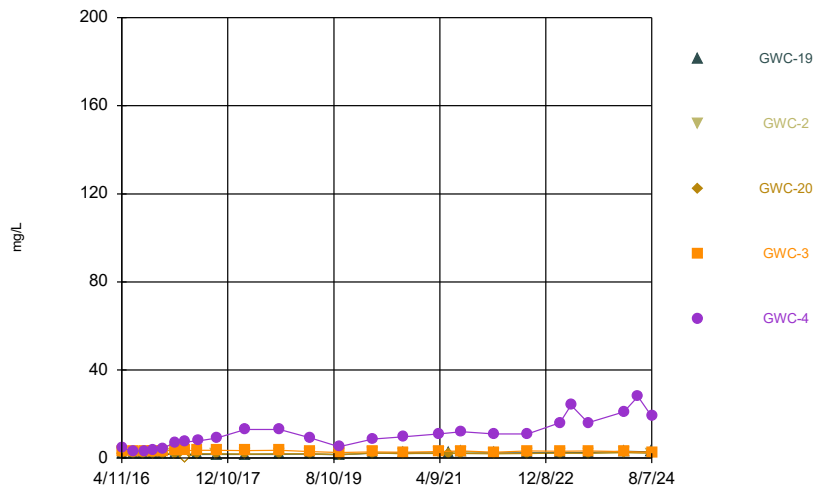
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Time Series



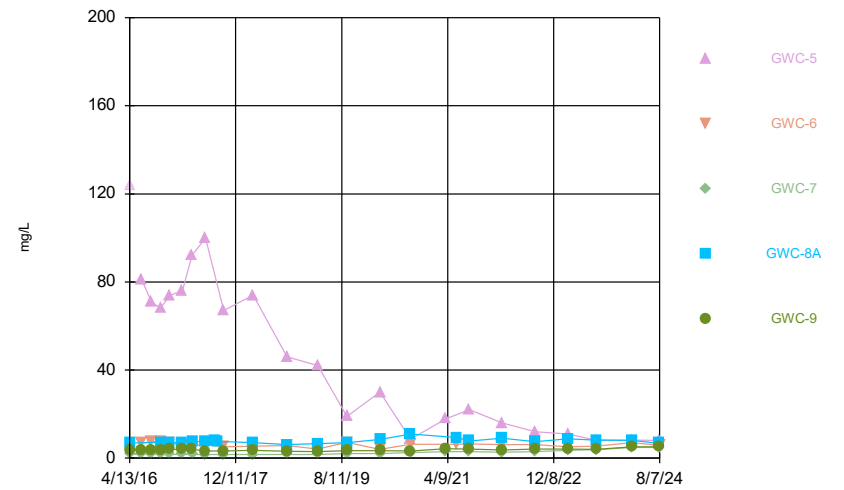
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Time Series



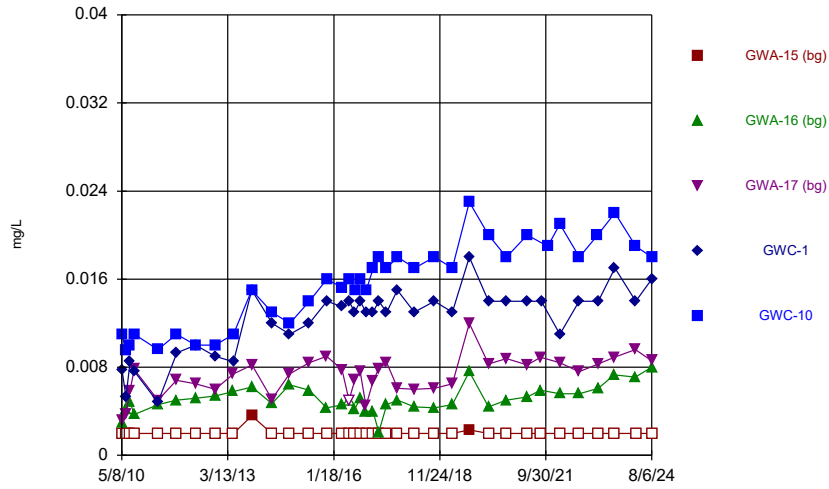
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Time Series

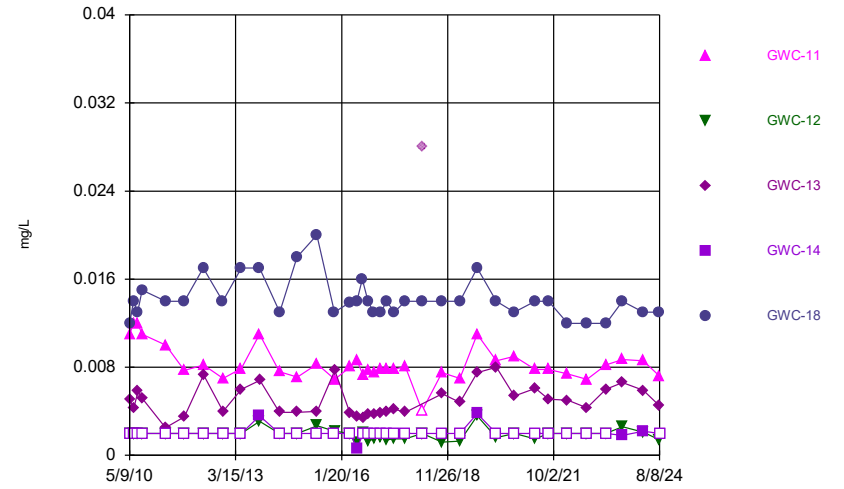


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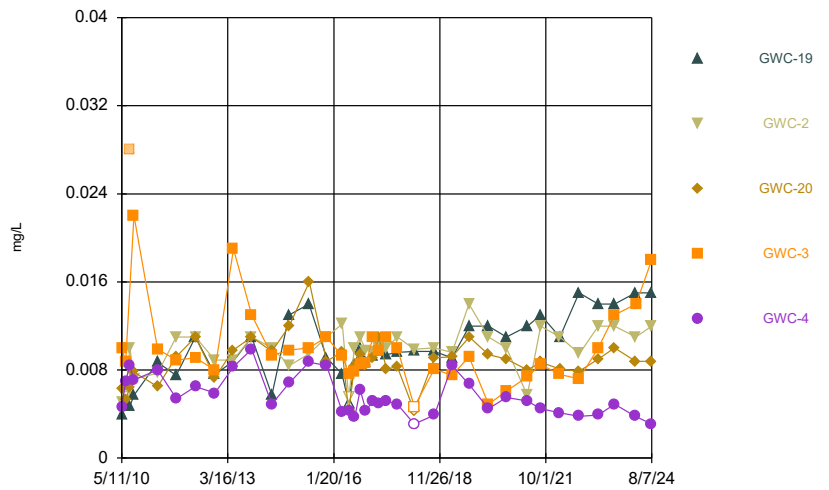
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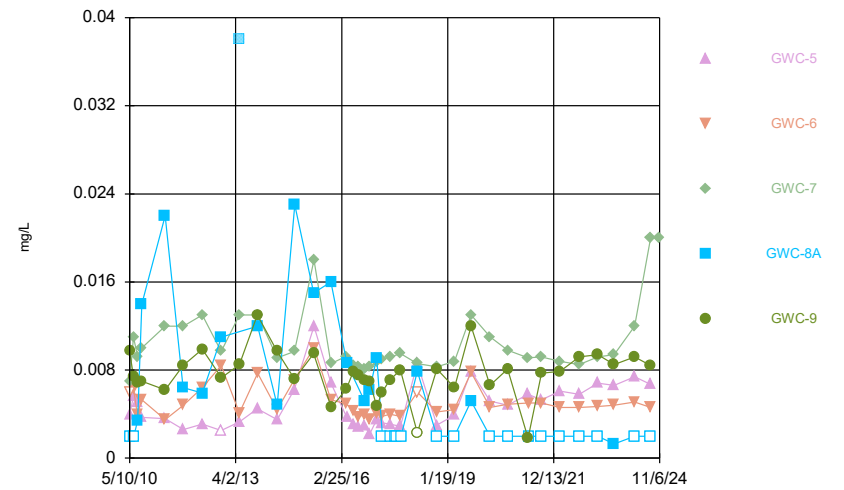
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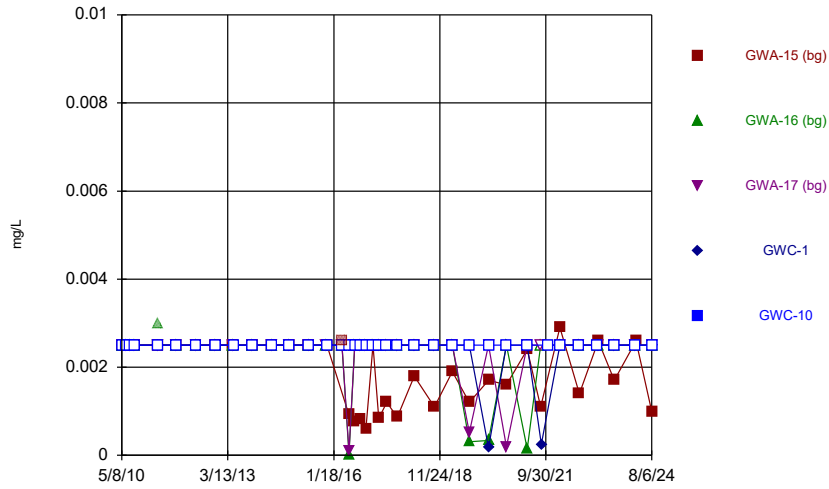
Time Series



Time Series

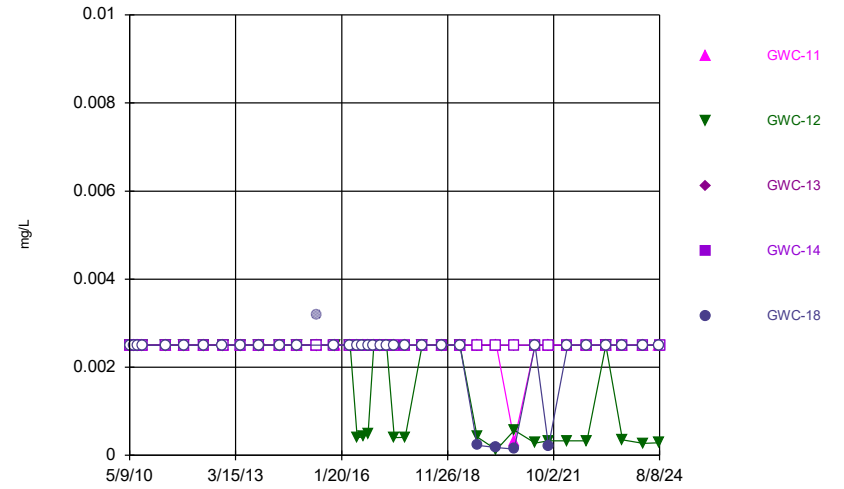


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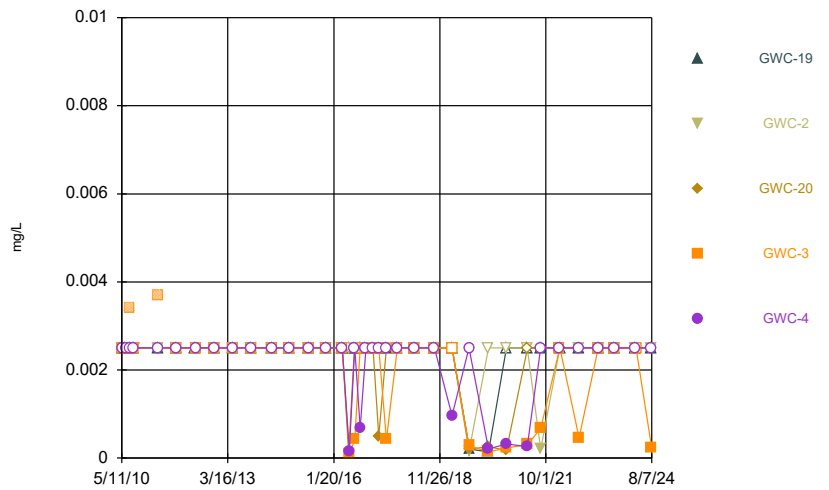
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Time Series



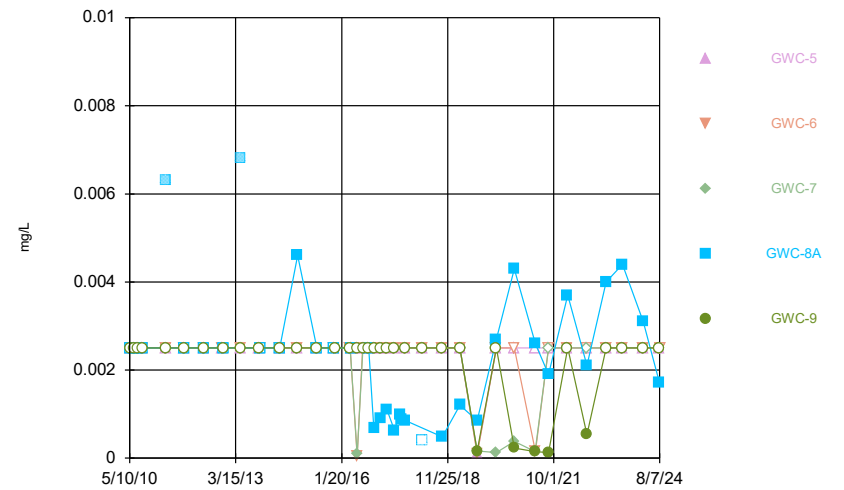
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Time Series



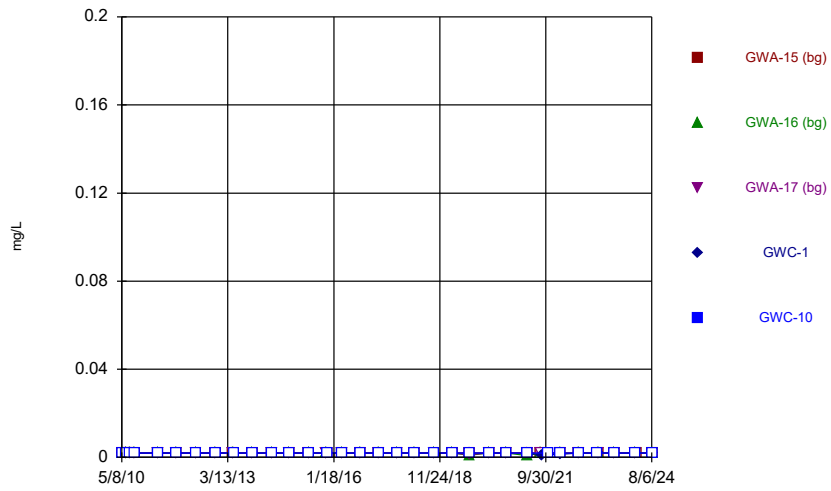
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Time Series



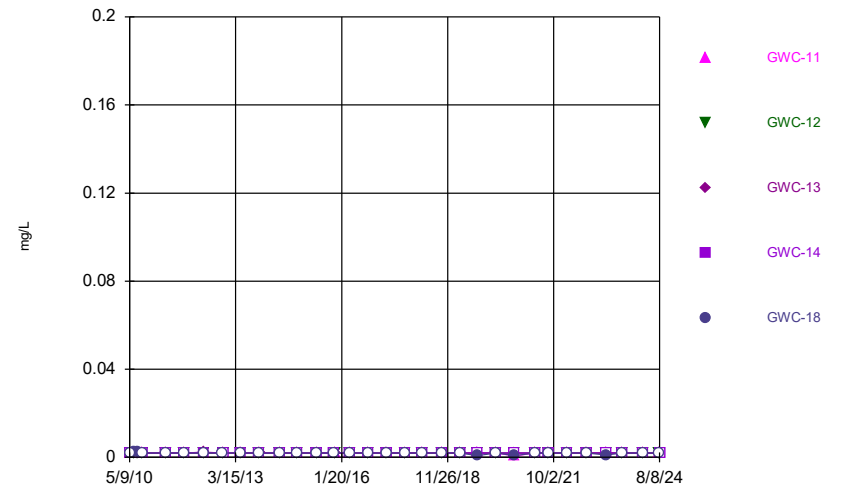
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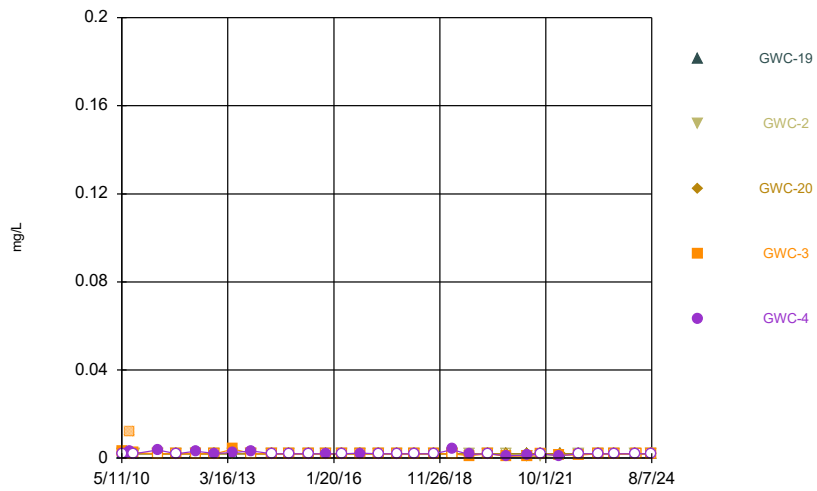
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



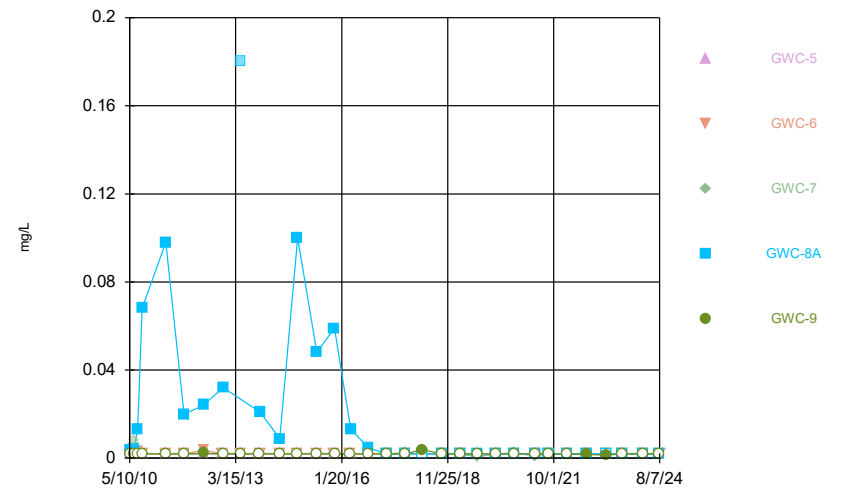
Constituent: Copper Analysis Run 12/2/2024 10:18 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



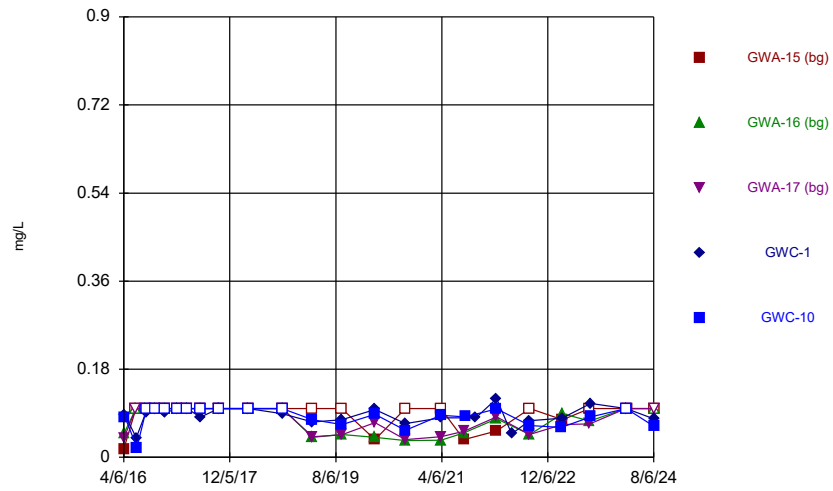
Constituent: Copper Analysis Run 12/2/2024 10:18 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



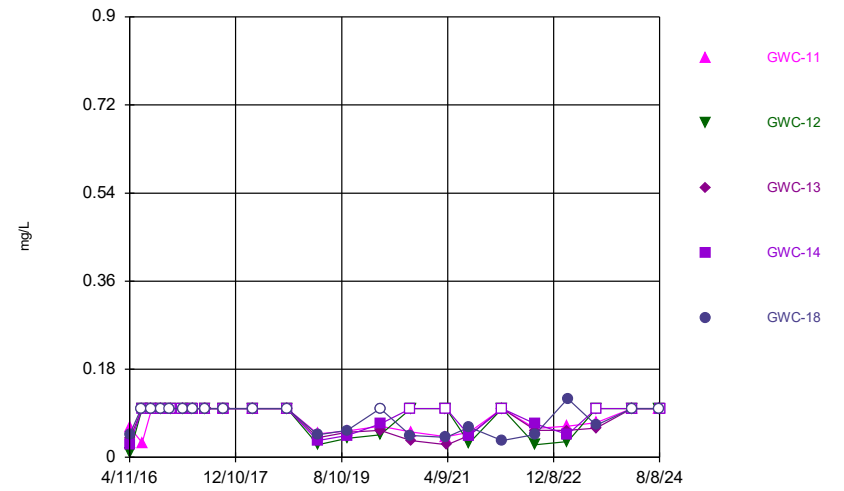
Constituent: Copper Analysis Run 12/2/2024 10:18 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



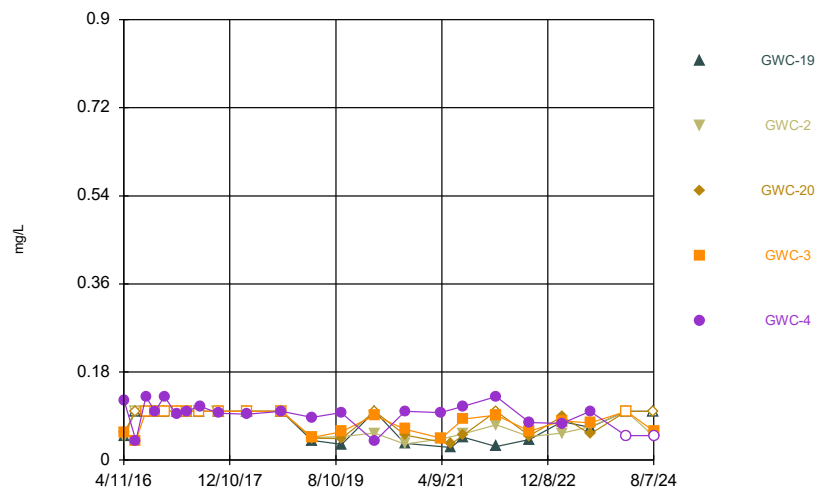
Constituent: Fluoride Analysis Run 12/2/2024 10:19 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



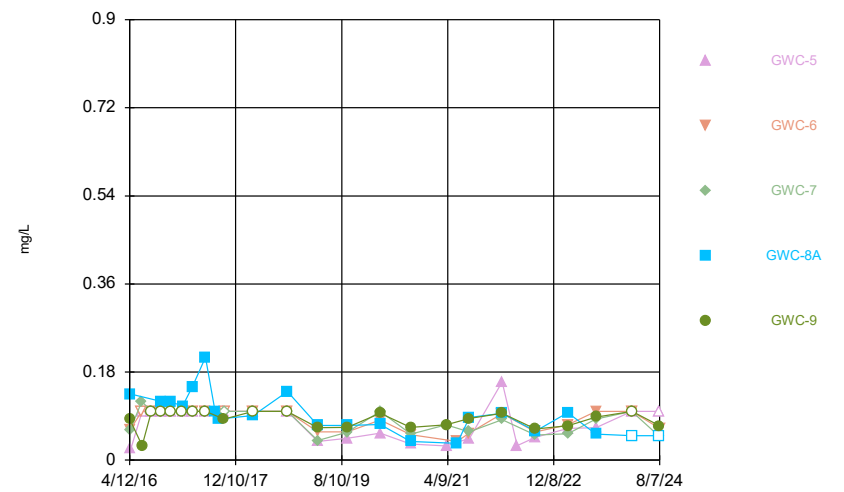
Constituent: Fluoride Analysis Run 12/2/2024 10:19 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



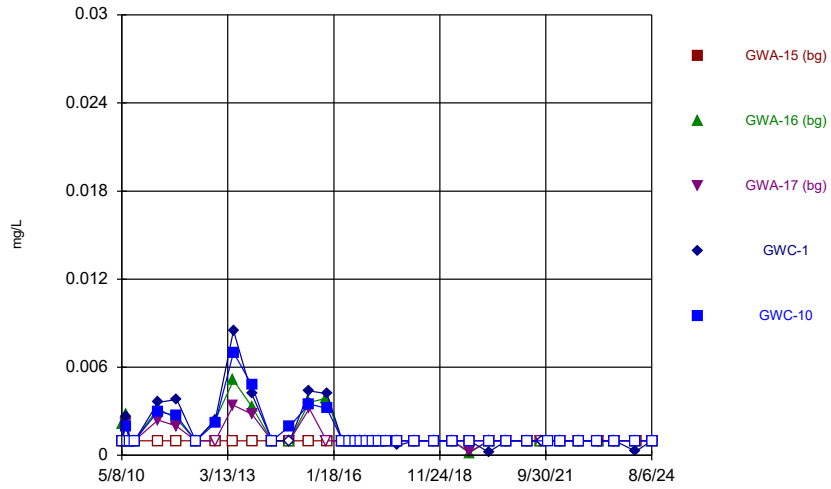
Constituent: Fluoride Analysis Run 12/2/2024 10:19 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



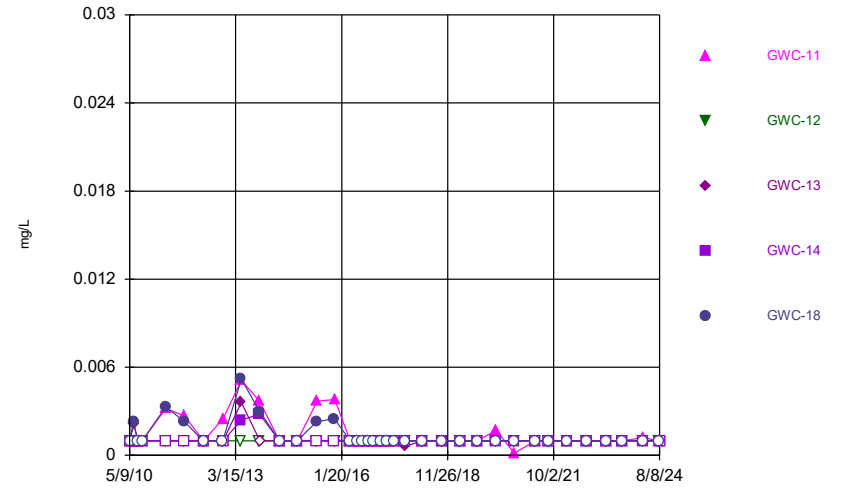
Constituent: Fluoride Analysis Run 12/2/2024 10:19 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



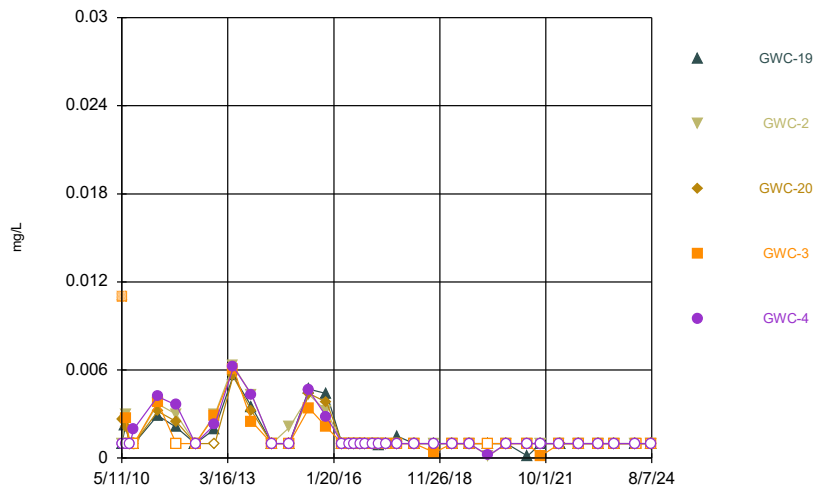
Constituent: Lead, Total Analysis Run 12/2/2024 10:19 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



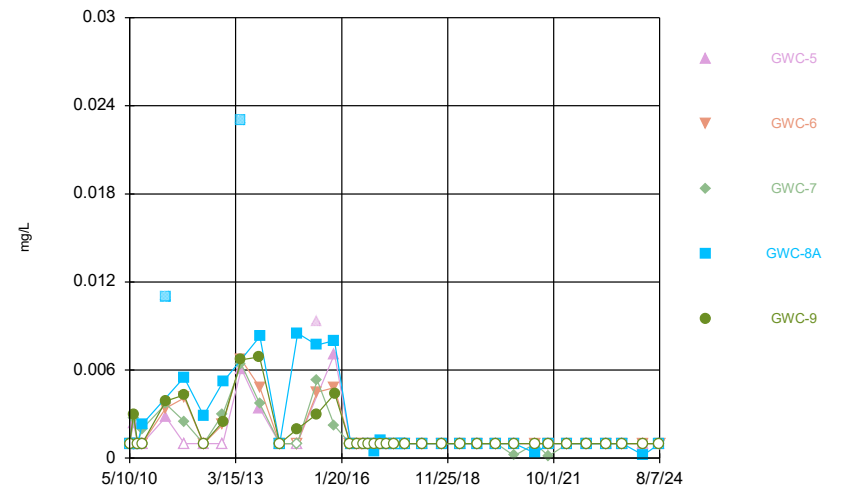
Constituent: Lead, Total Analysis Run 12/2/2024 10:19 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



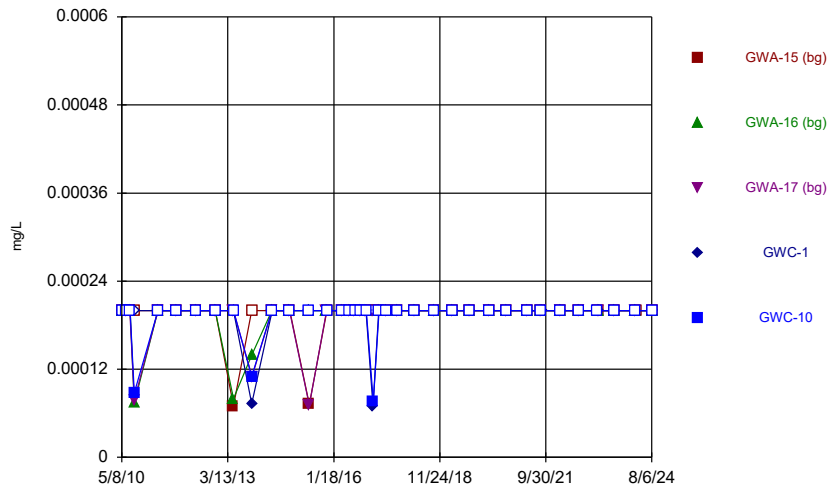
Constituent: Lead, Total Analysis Run 12/2/2024 10:19 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



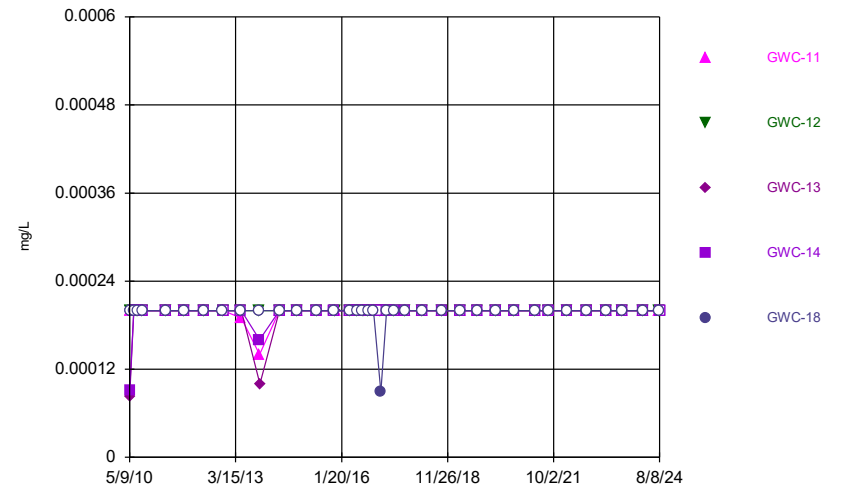
Constituent: Lead, Total Analysis Run 12/2/2024 10:19 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



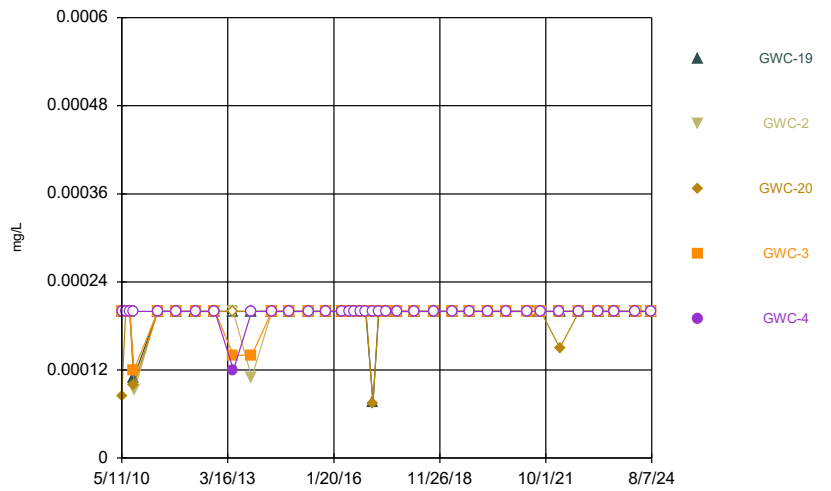
Constituent: Mercury Analysis Run 12/2/2024 10:19 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



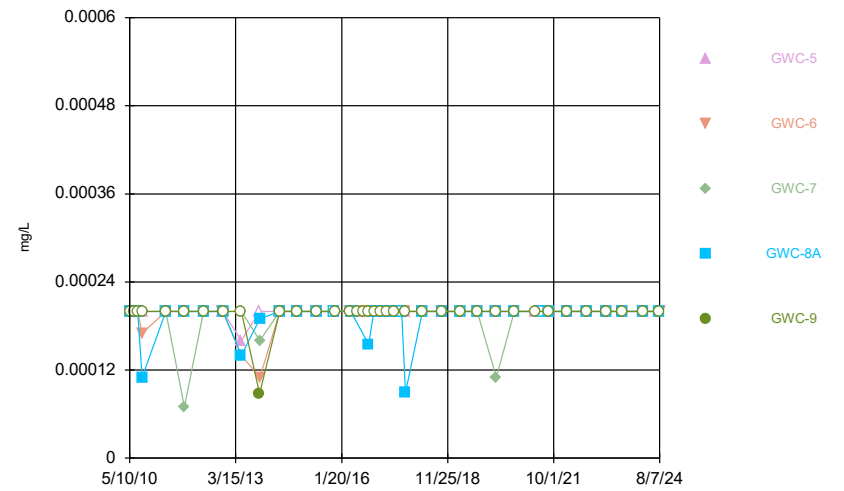
Constituent: Mercury Analysis Run 12/2/2024 10:19 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



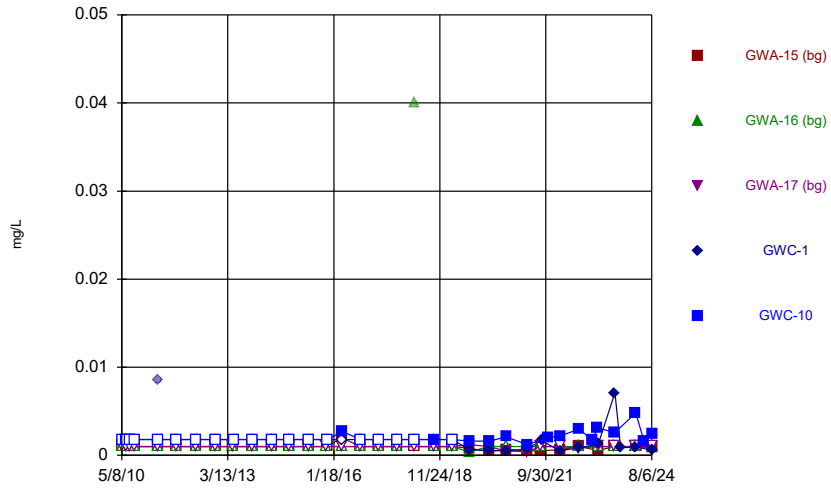
Constituent: Mercury Analysis Run 12/2/2024 10:19 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



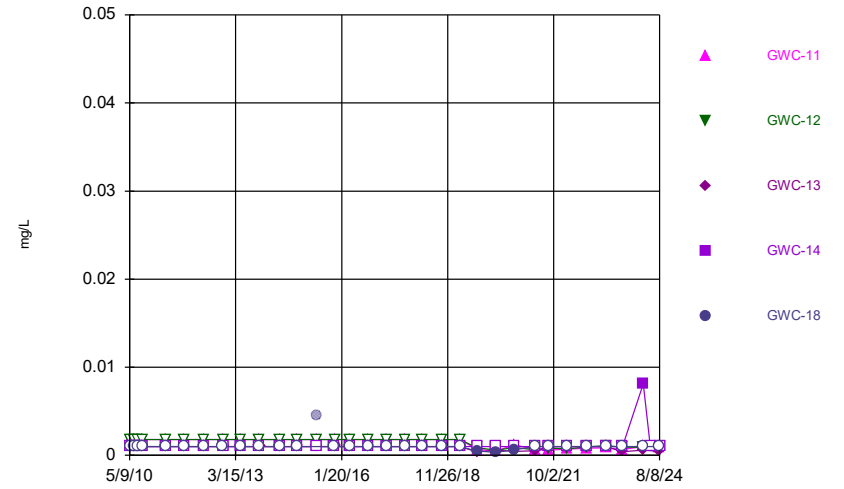
Constituent: Mercury Analysis Run 12/2/2024 10:19 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



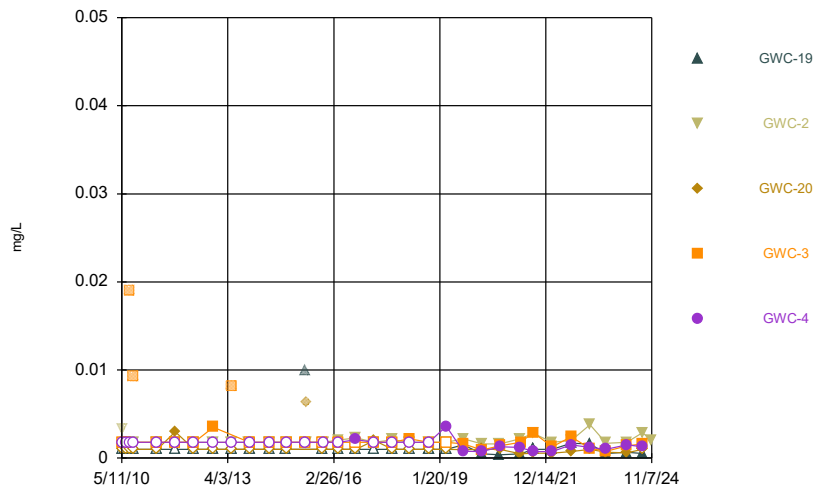
Constituent: Nickel Analysis Run 12/2/2024 10:19 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



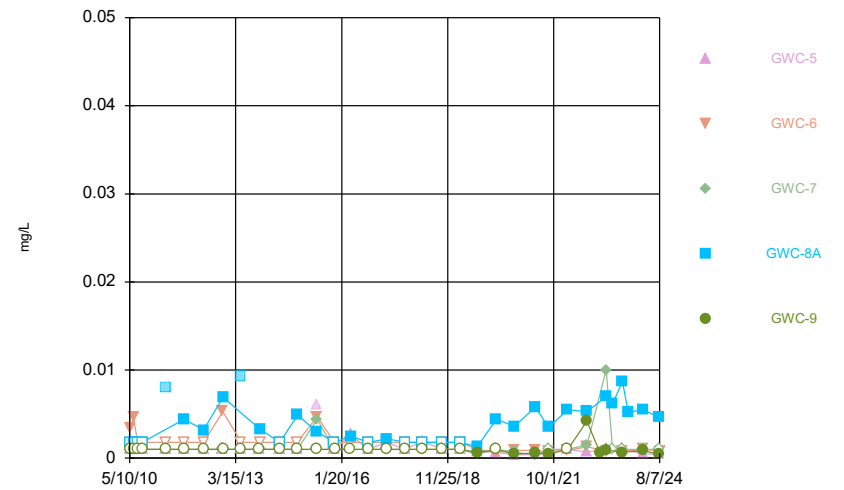
Constituent: Nickel Analysis Run 12/2/2024 10:19 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



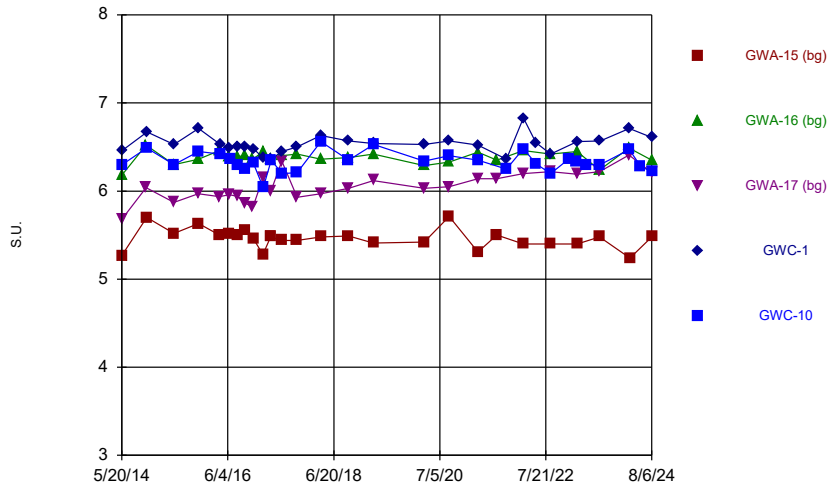
Constituent: Nickel Analysis Run 12/2/2024 10:19 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



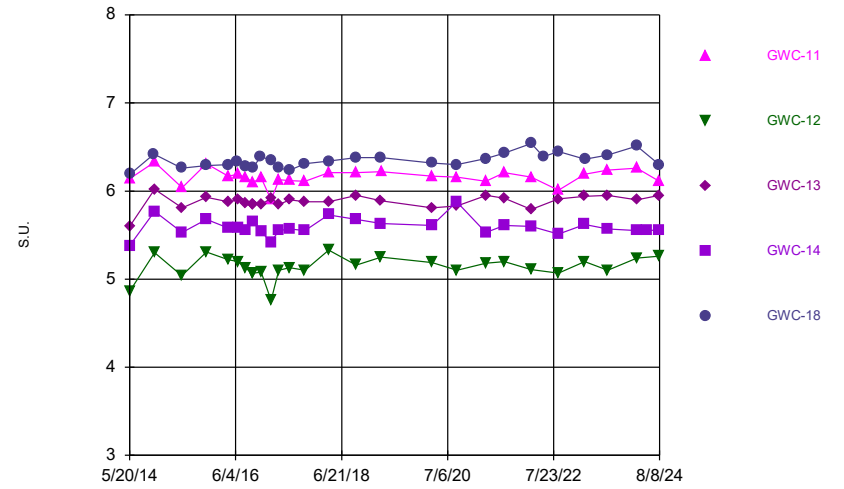
Constituent: Nickel Analysis Run 12/2/2024 10:19 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



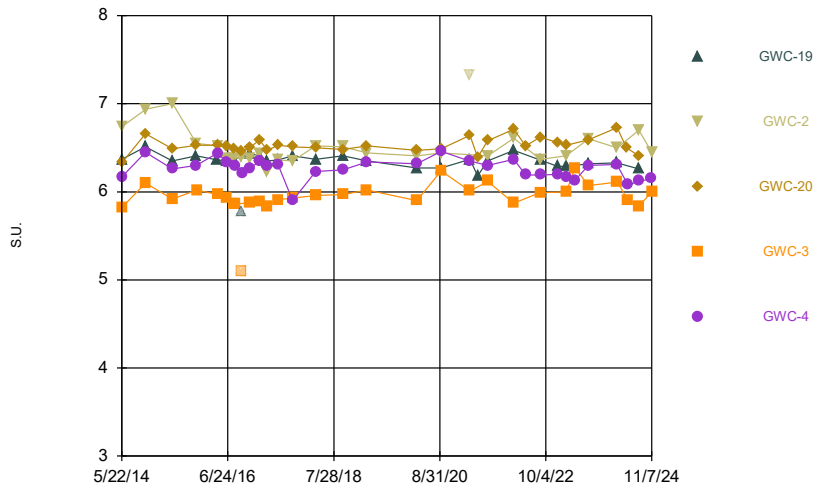
Constituent: pH Analysis Run 12/2/2024 10:19 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



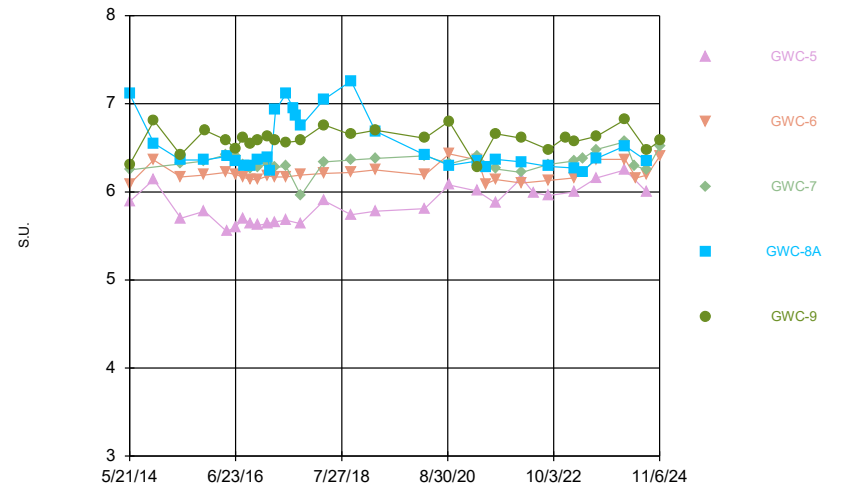
Constituent: pH Analysis Run 12/2/2024 10:19 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



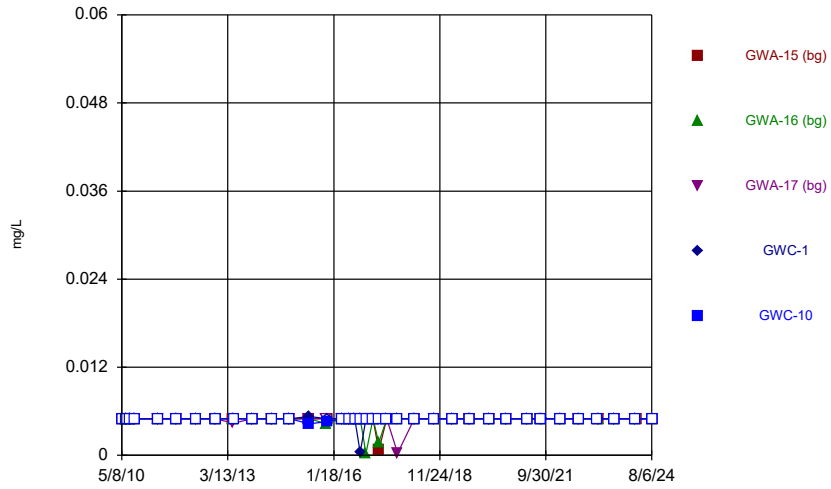
Constituent: pH Analysis Run 12/2/2024 10:19 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



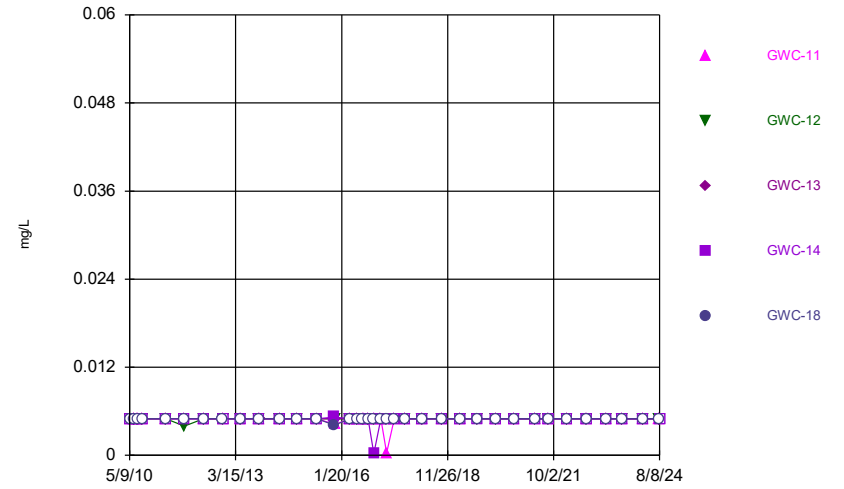
Constituent: pH Analysis Run 12/2/2024 10:19 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



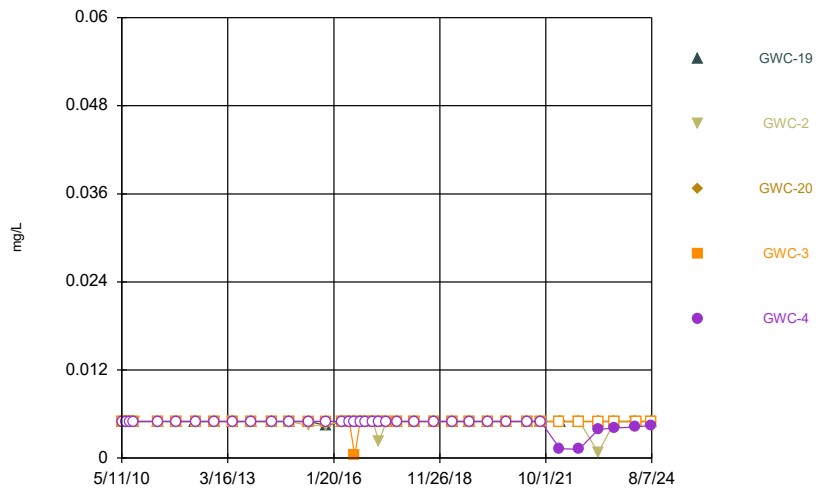
Constituent: Selenium, Total Analysis Run 12/2/2024 10:19 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



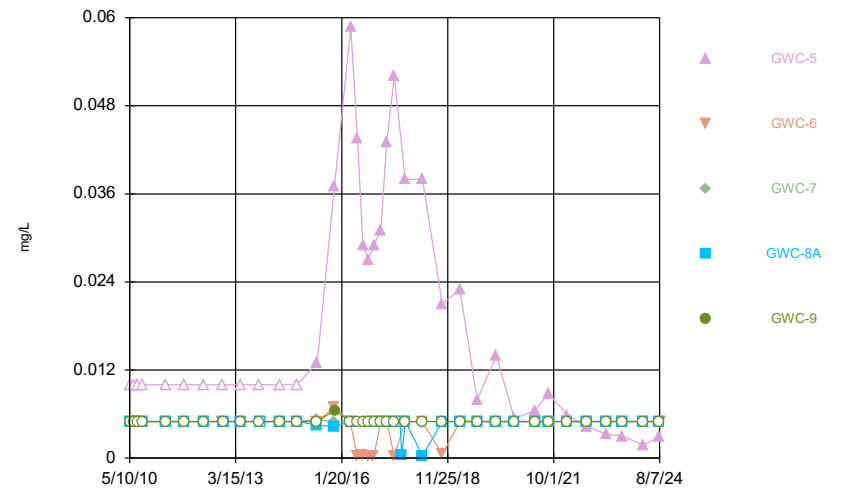
Constituent: Selenium, Total Analysis Run 12/2/2024 10:19 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



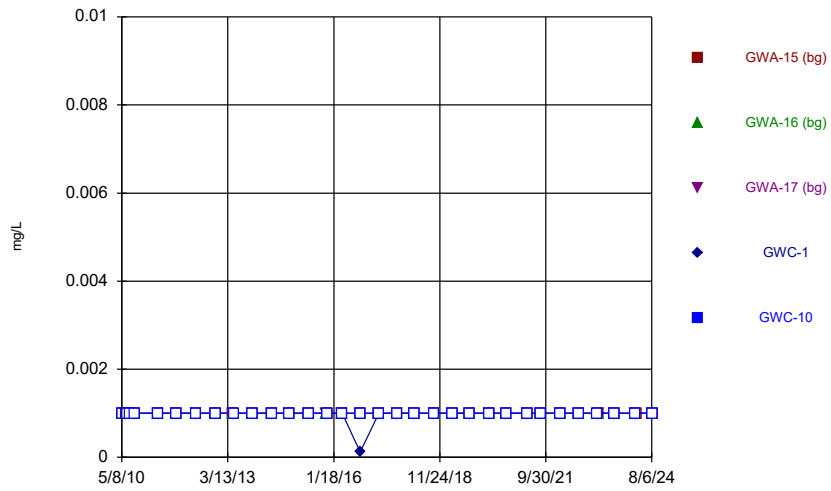
Constituent: Selenium, Total Analysis Run 12/2/2024 10:19 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



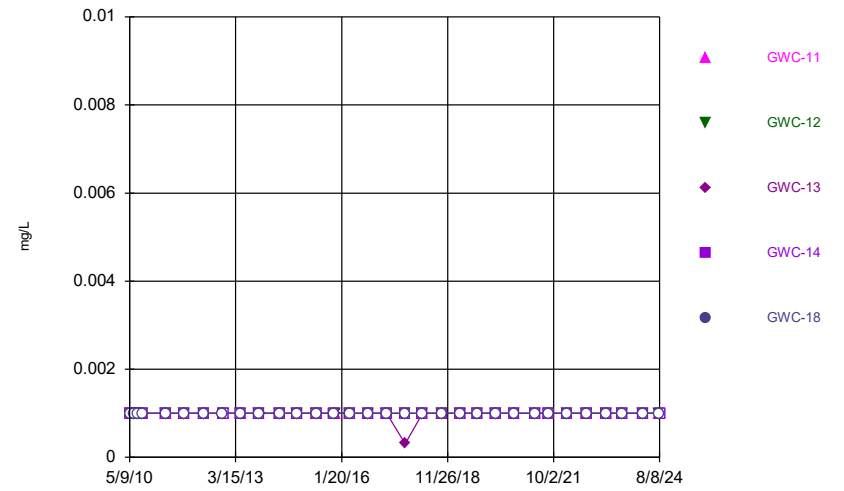
Constituent: Selenium, Total Analysis Run 12/2/2024 10:19 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



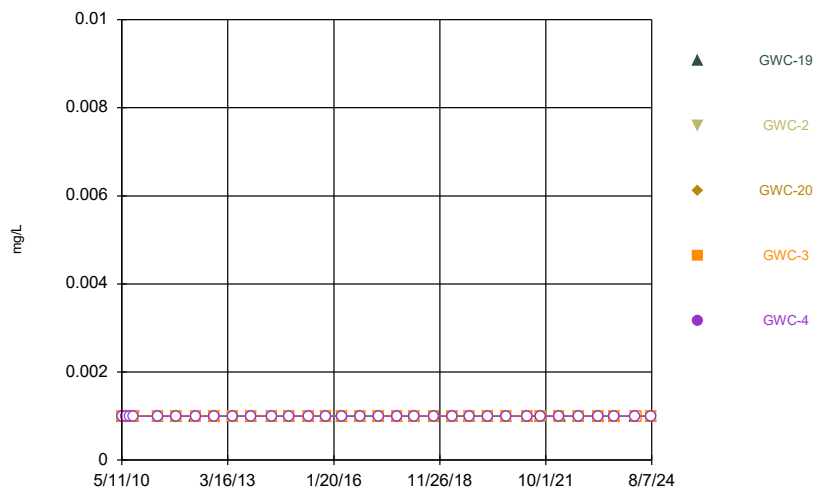
Constituent: Silver Analysis Run 12/2/2024 10:19 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



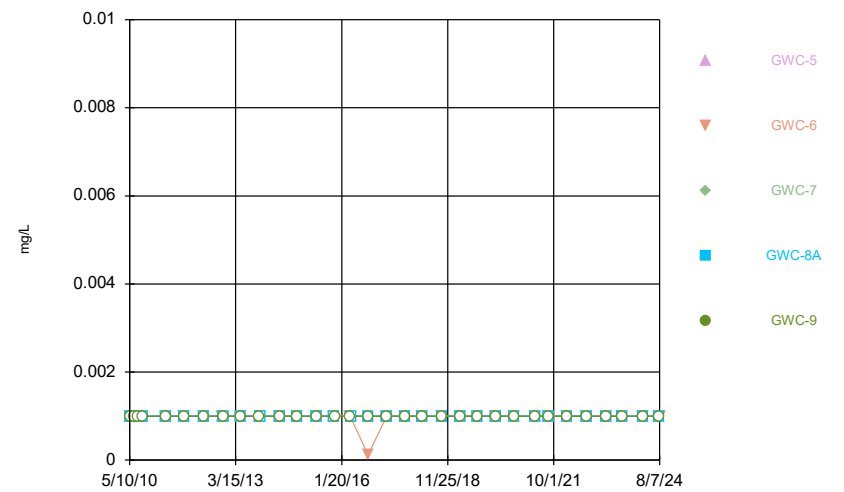
Constituent: Silver Analysis Run 12/2/2024 10:19 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



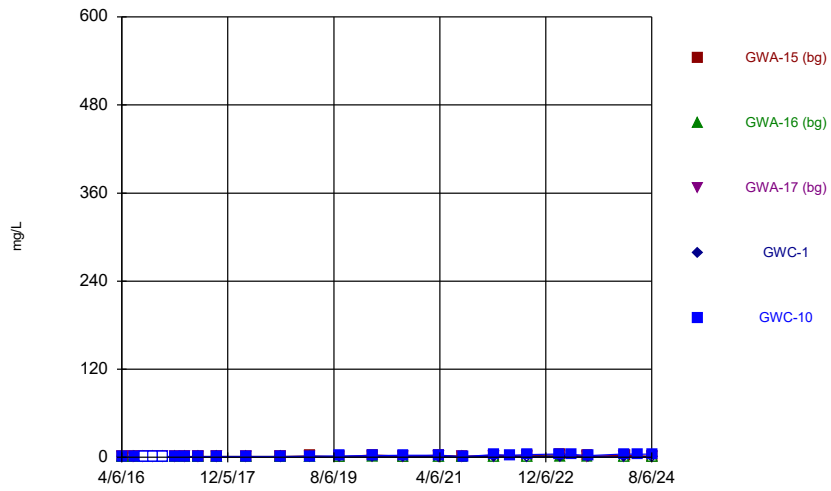
Constituent: Silver Analysis Run 12/2/2024 10:19 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



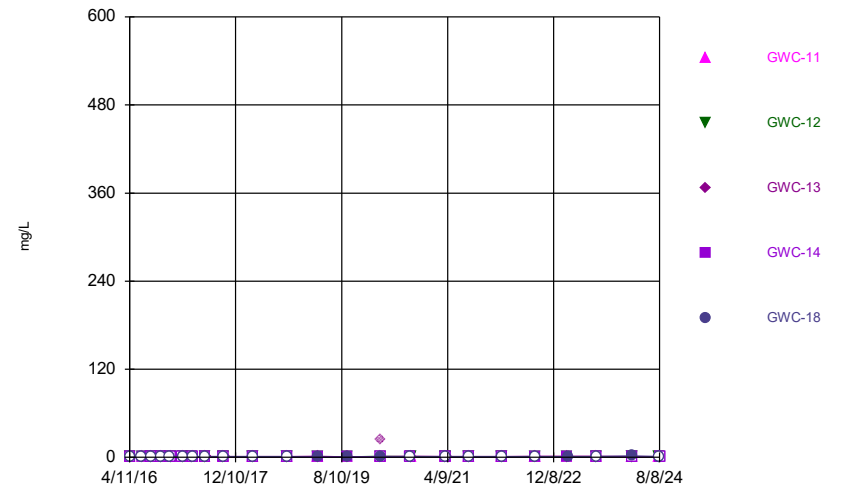
Constituent: Silver Analysis Run 12/2/2024 10:19 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



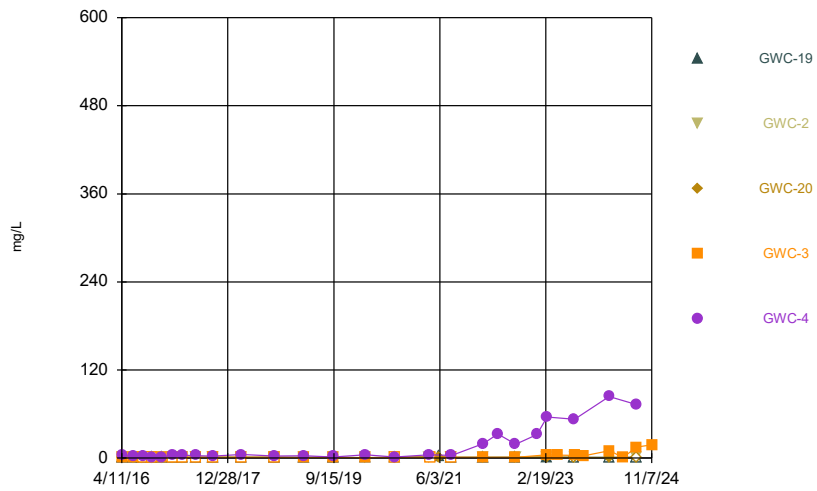
Constituent: Sulfate Analysis Run 12/2/2024 10:19 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



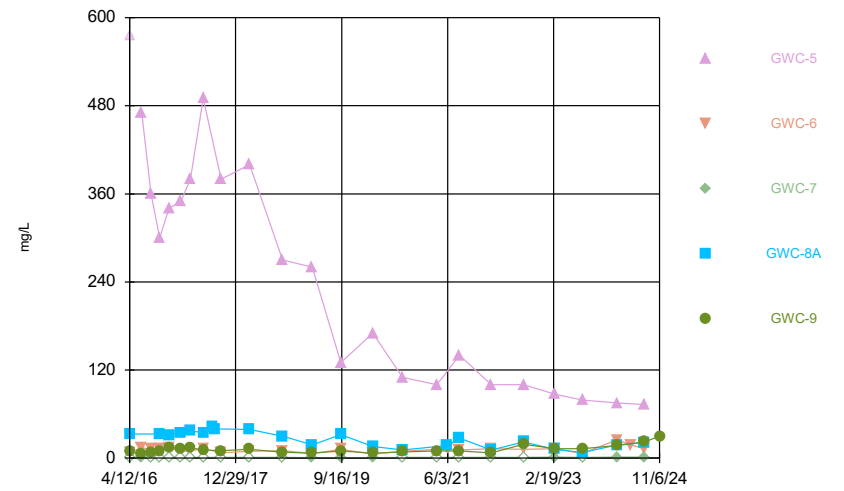
Constituent: Sulfate Analysis Run 12/2/2024 10:19 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



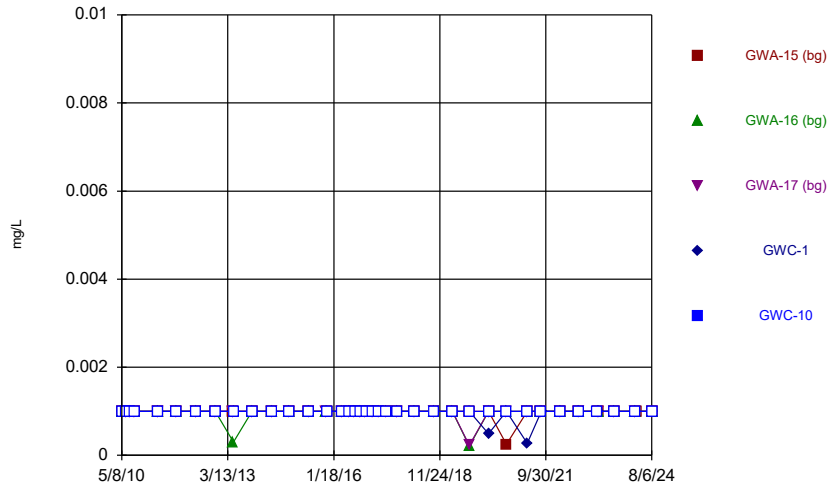
Constituent: Sulfate Analysis Run 12/2/2024 10:19 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



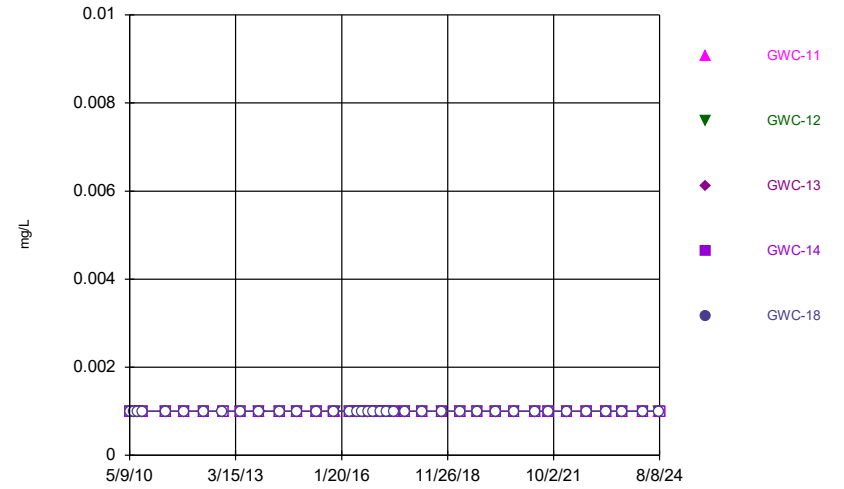
Constituent: Sulfate Analysis Run 12/2/2024 10:19 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



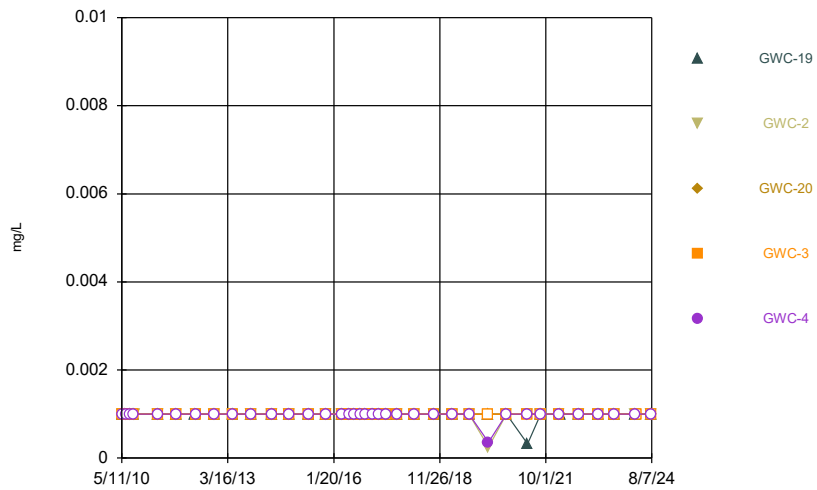
Constituent: Thallium, Total Analysis Run 12/2/2024 10:19 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



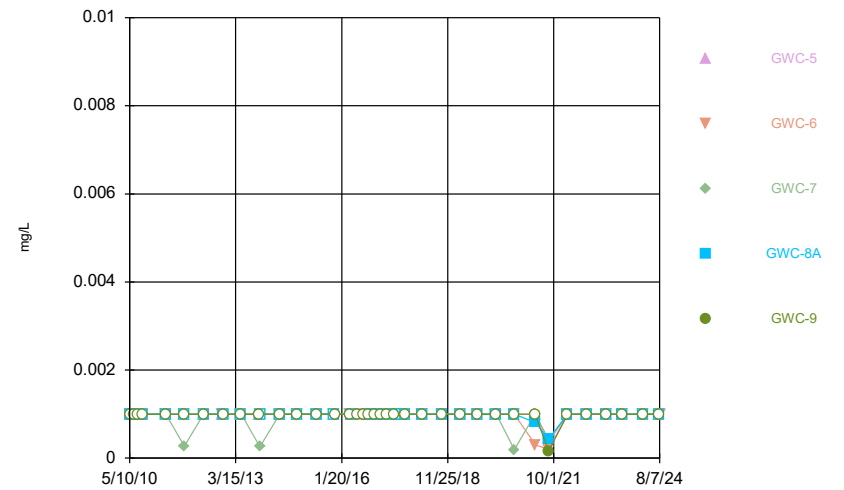
Constituent: Thallium, Total Analysis Run 12/2/2024 10:19 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



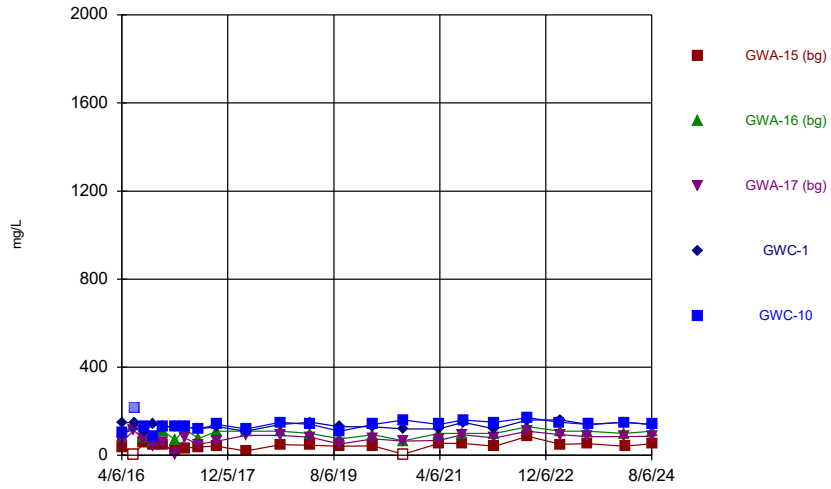
Constituent: Thallium, Total Analysis Run 12/2/2024 10:19 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



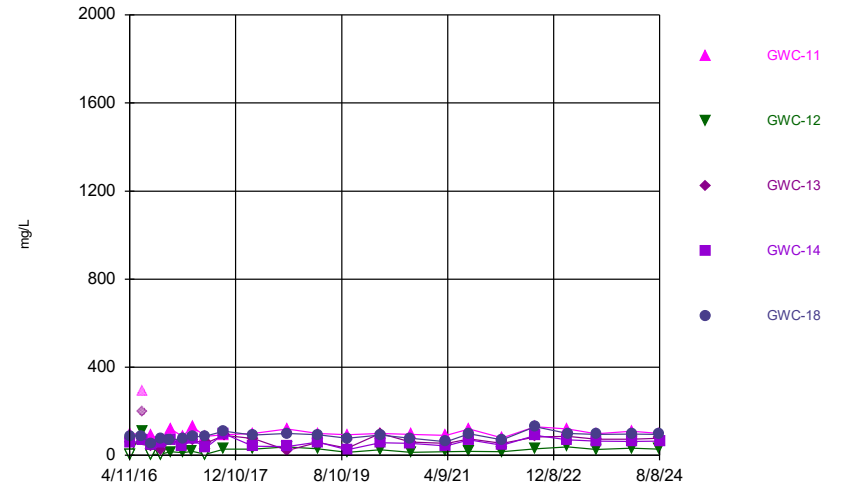
Constituent: Thallium, Total Analysis Run 12/2/2024 10:19 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



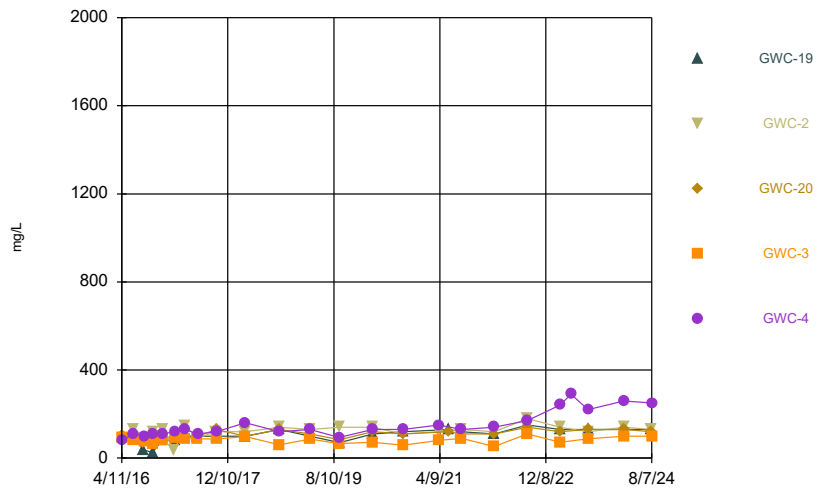
Constituent: Total Dissolved Solids Analysis Run 12/2/2024 10:19 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



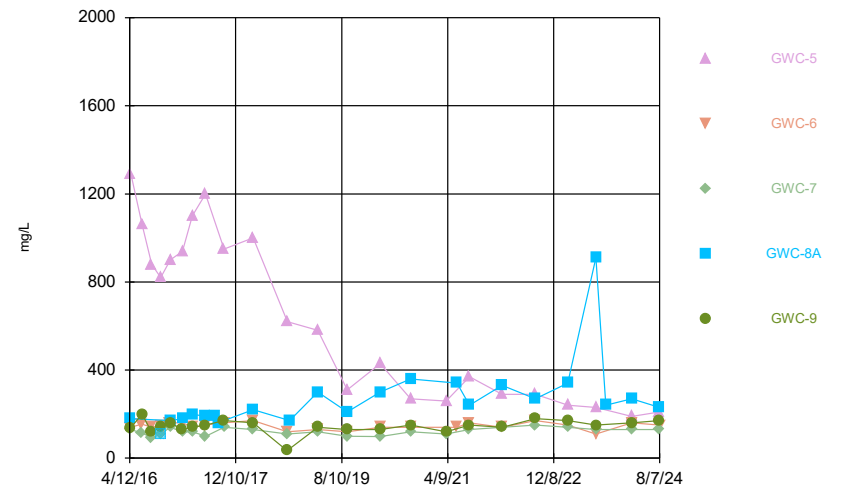
Constituent: Total Dissolved Solids Analysis Run 12/2/2024 10:19 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



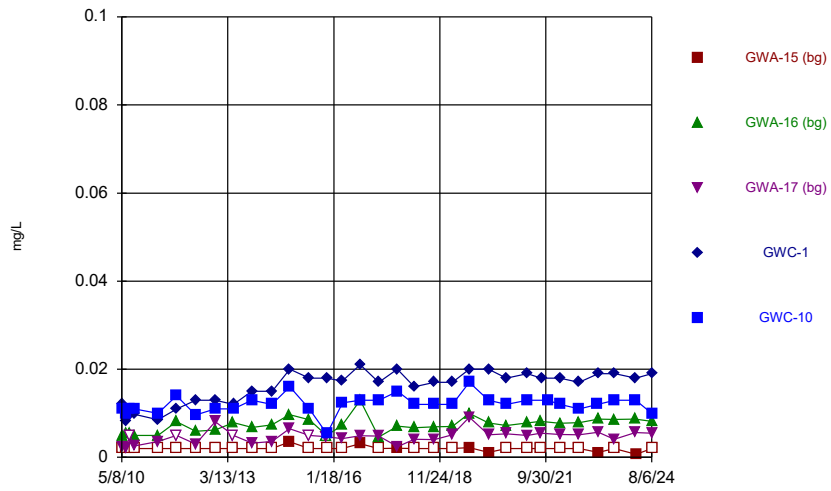
Constituent: Total Dissolved Solids Analysis Run 12/2/2024 10:19 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



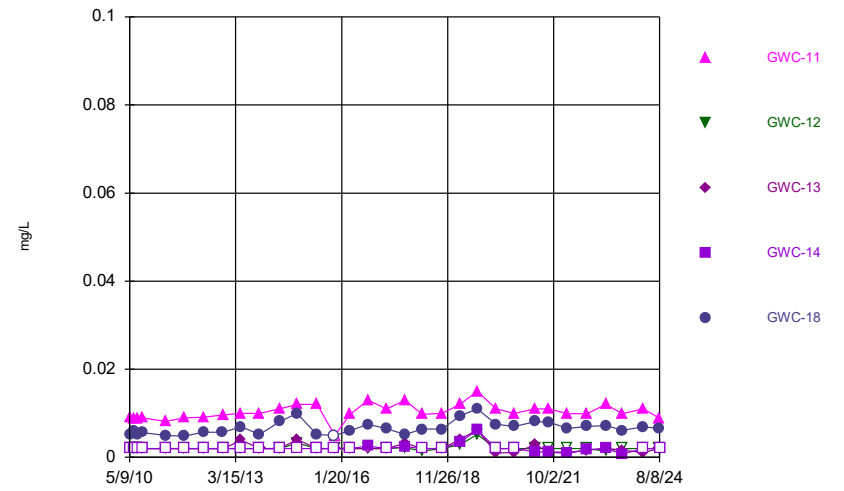
Constituent: Total Dissolved Solids Analysis Run 12/2/2024 10:19 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



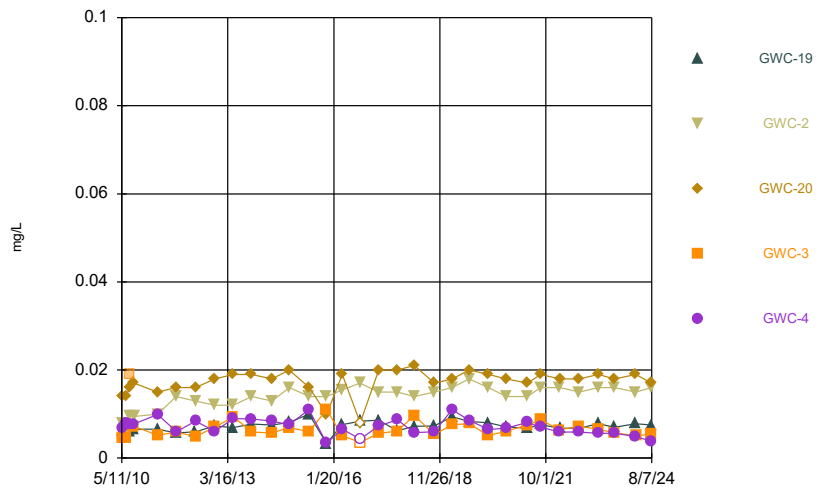
Constituent: Vanadium Analysis Run 12/2/2024 10:19 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



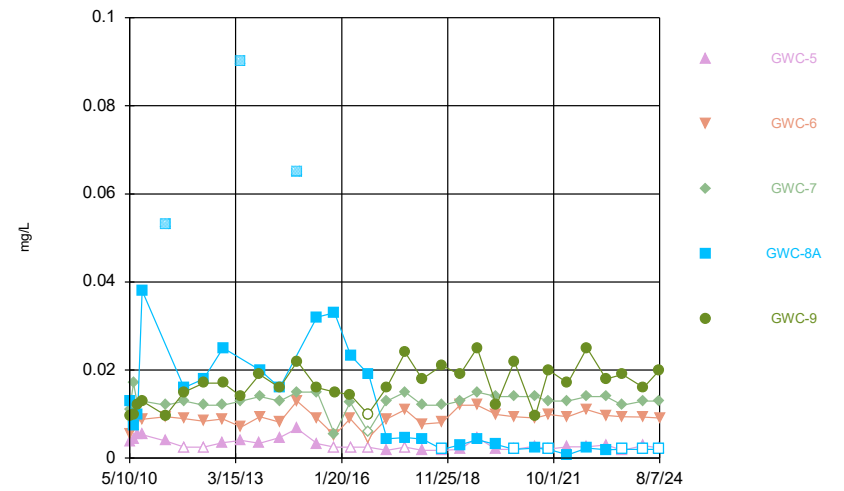
Constituent: Vanadium Analysis Run 12/2/2024 10:19 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



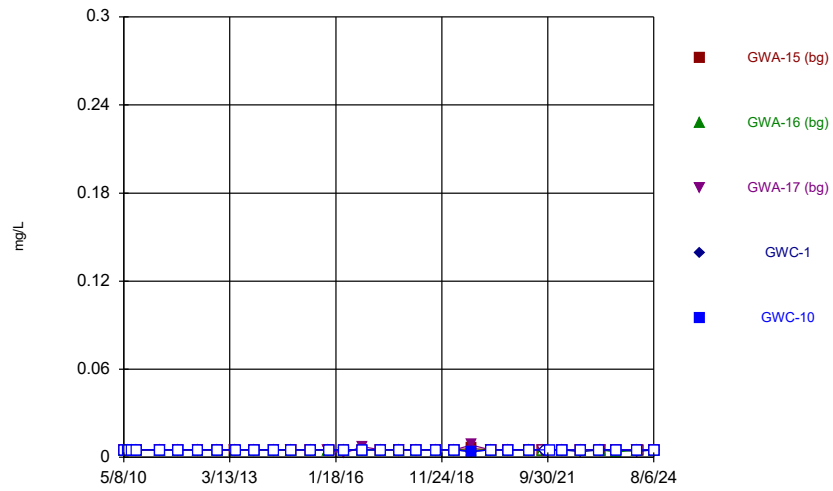
Constituent: Vanadium Analysis Run 12/2/2024 10:19 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



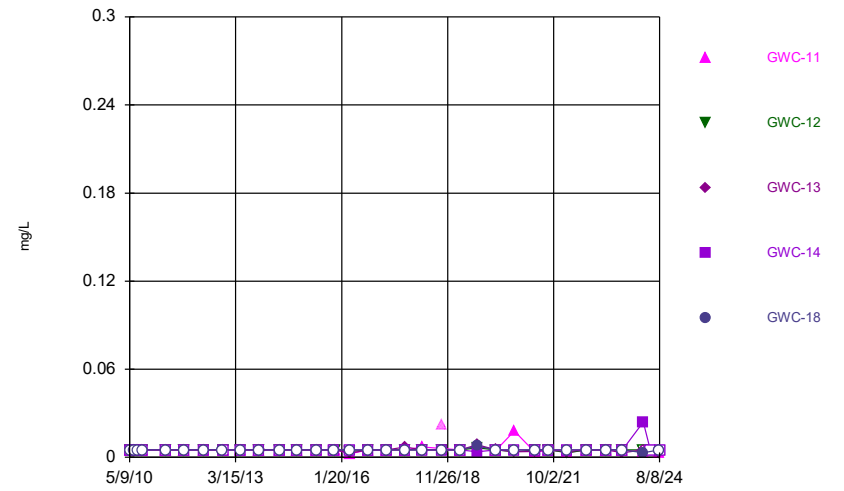
Constituent: Vanadium Analysis Run 12/2/2024 10:19 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



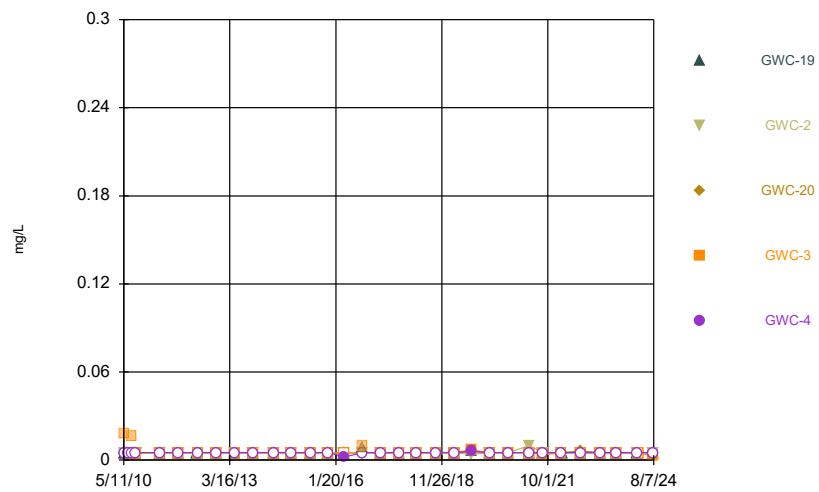
Constituent: Zinc Analysis Run 12/2/2024 10:19 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



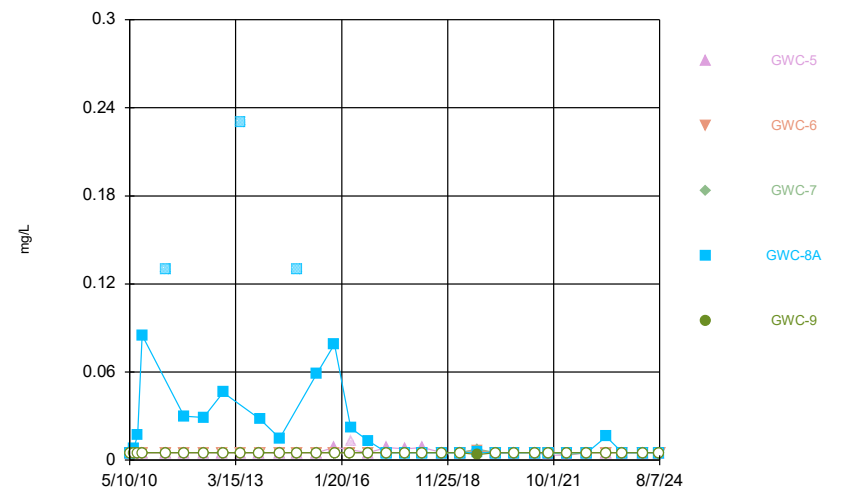
Constituent: Zinc Analysis Run 12/2/2024 10:19 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



Constituent: Zinc Analysis Run 12/2/2024 10:19 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



Constituent: Zinc Analysis Run 12/2/2024 10:19 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series

Constituent: Antimony, Total (mg/L) Analysis Run 12/2/2024 10:20 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
5/8/2010			<0.002		
5/9/2010	<0.002	<0.002			
5/10/2010					<0.002
5/11/2010				<0.002	
6/16/2010		<0.002	<0.002		<0.002
6/17/2010				<0.002	
6/18/2010	<0.002				
7/26/2010			<0.002		
7/27/2010		<0.002		<0.002	
7/28/2010	<0.002				<0.002
9/7/2010		<0.002	<0.002		
9/8/2010					<0.002
9/9/2010	<0.002			<0.002	
4/28/2011				<0.002	
4/29/2011		<0.002	<0.002		<0.002
4/30/2011	<0.002				
10/27/2011					<0.002
10/28/2011	<0.002	<0.002	<0.002		
10/29/2011				<0.002	
5/2/2012	<0.002	<0.002	<0.002		
5/3/2012				<0.002	
5/4/2012					<0.002
11/9/2012	<0.002	<0.002	<0.002	<0.002	
11/11/2012					<0.002
5/8/2013	<0.002	<0.002	<0.002		
5/9/2013				<0.002	<0.002
11/5/2013	<0.002			<0.002	<0.002
11/6/2013		<0.002	<0.002		
5/20/2014	<0.002	<0.002	<0.002		
5/21/2014					<0.002
5/23/2014				<0.002	
11/8/2014		<0.002	<0.002		
11/12/2014	<0.002				<0.002
11/13/2014				<0.002	
5/22/2015	<0.002	<0.002	<0.002		
5/23/2015				<0.002	<0.002
11/9/2015		<0.002	<0.002		
11/11/2015	<0.002			<0.002	
11/12/2015					<0.002
4/6/2016	<0.002	<0.002	<0.002		
4/12/2016				<0.002	
4/13/2016					<0.002 (D)
6/15/2016	<0.002	<0.002	<0.002		
6/16/2016				<0.002	
6/21/2016					<0.002
8/10/2016	<0.002	<0.002	<0.002		
8/11/2016				<0.002	
8/15/2016					<0.002
10/4/2016	<0.002	<0.002		<0.002	
10/5/2016			<0.002		<0.002
11/29/2016		<0.002	<0.002		
11/30/2016	<0.002			<0.002	

Time Series

Constituent: Antimony, Total (mg/L) Analysis Run 12/2/2024 10:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
12/1/2016					<0.002
2/7/2017	<0.002	0.001 (J)	<0.002	<0.002	
2/8/2017					<0.002
4/4/2017	<0.002	<0.002	<0.002		
4/5/2017				<0.002	
4/6/2017					<0.002
6/20/2017	<0.002	<0.002	<0.002	<0.002	
6/21/2017					<0.002
10/4/2017	<0.002			<0.002	
10/5/2017		<0.002	<0.002		<0.002
3/20/2018	<0.002 (D)	<0.002	<0.002	<0.002	
3/21/2018					<0.002
10/2/2018	<0.002	<0.002	<0.002	<0.002	<0.002
3/26/2019	<0.002	<0.002	<0.002	<0.002	
3/27/2019					<0.002
9/10/2019	<0.002	<0.002	<0.002	<0.002	
9/11/2019					<0.002
3/18/2020	<0.002	<0.002	<0.002	<0.002	<0.002
9/9/2020	<0.002	<0.002	<0.002	<0.002	<0.002
4/1/2021	<0.002	<0.002	<0.002	<0.002	<0.002
8/11/2021	<0.002	<0.002	<0.002		
8/17/2021					<0.002
8/18/2021				<0.002	
2/15/2022	<0.002	<0.002	<0.002	<0.002	<0.002
8/24/2022			<0.002	<0.002	
8/25/2022	<0.002	<0.002			<0.002
2/21/2023					<0.002
2/27/2023				<0.002	
2/28/2023	<0.002	<0.002	<0.002		
8/3/2023	<0.002	<0.002	<0.002		
8/9/2023				<0.002	<0.002
2/28/2024		<0.002	<0.002		
3/1/2024				<0.002	<0.002
3/4/2024	<0.002				
8/6/2024	<0.002	<0.002	<0.002	<0.002	<0.002

Time Series

Constituent: Antimony, Total (mg/L) Analysis Run 12/2/2024 10:20 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
5/9/2010		<0.002	<0.002	<0.002	
5/10/2010	<0.002				<0.002
6/16/2010	<0.002				<0.002
6/18/2010		<0.002	<0.002	<0.002	
7/26/2010					<0.002
7/27/2010	<0.002	<0.002			
7/28/2010				<0.002	
7/29/2010			<0.002		
9/7/2010					<0.002
9/8/2010	<0.002	<0.002			
9/9/2010			<0.002	<0.002	
4/26/2011			<0.002		
4/29/2011	<0.002	<0.002			<0.002
4/30/2011				<0.002	
10/27/2011	<0.002				
10/28/2011		<0.002	<0.002	<0.002	<0.002
5/2/2012					<0.002
5/3/2012		<0.002		<0.002	
5/4/2012	<0.002		<0.002		
11/9/2012					<0.002
11/10/2012	<0.002	<0.002		<0.002	
11/11/2012			<0.002		
5/8/2013			<0.002	<0.002	<0.002
5/9/2013	<0.002	<0.002			
11/5/2013				<0.002	
11/6/2013	<0.002	<0.002			<0.002
11/7/2013			<0.002		
5/20/2014	<0.002	<0.002	<0.002	<0.002	
5/23/2014					<0.002
11/8/2014					<0.002
11/12/2014	<0.002	<0.002	<0.002	<0.002	
5/22/2015					<0.002
5/23/2015		<0.002			
5/24/2015	<0.002		<0.002	<0.002	
11/10/2015					<0.002
11/11/2015				<0.002	
11/12/2015	<0.002	<0.002	<0.002		
4/11/2016					<0.002
4/13/2016	<0.002 (D)	0.000646 (JD)	<0.002 (D)	<0.002 (D)	
6/16/2016					0.00018 (J)
6/21/2016	<0.002	<0.002	<0.002	<0.002	
8/11/2016					<0.002
8/15/2016	<0.002	<0.002	<0.002	<0.002	
10/4/2016				<0.002	
10/5/2016	<0.002	<0.002			<0.002
10/7/2016			<0.002		
11/29/2016					<0.002
12/1/2016	<0.002	<0.002	<0.002	<0.002	
2/7/2017				<0.002	
2/8/2017	<0.002	<0.002			<0.002
2/9/2017			<0.002		
4/5/2017		<0.002			

Time Series

Constituent: Antimony, Total (mg/L) Analysis Run 12/2/2024 10:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
4/6/2017	<0.002		<0.002	<0.002	<0.002
6/20/2017	<0.002	<0.002		<0.002	
6/21/2017					<0.002
6/22/2017			<0.002		
10/5/2017	<0.002	<0.002		<0.002	<0.002
10/6/2017			<0.002		
3/20/2018				<0.002	<0.002
3/21/2018	<0.002	<0.002 (D)			
3/22/2018			<0.002		
10/2/2018	<0.002	<0.002		<0.002	<0.002
10/3/2018			<0.002		
3/26/2019		<0.002	<0.002	<0.002	<0.002
3/27/2019	<0.002				
9/11/2019	<0.002	<0.002	<0.002	<0.002	0.00039 (J)
3/18/2020	<0.002	<0.002	<0.002	<0.002	<0.002
9/9/2020				<0.002	<0.002
9/10/2020	<0.002	<0.002	<0.002		
4/1/2021	<0.002	<0.002		<0.002	<0.002
4/6/2021			<0.002		
8/11/2021	<0.002	<0.002	<0.002	<0.002	<0.002
2/16/2022	<0.002	<0.002	<0.002	<0.002	<0.002
8/25/2022	<0.002				<0.002
8/26/2022		<0.002	<0.002	<0.002	
2/27/2023	<0.002	<0.002	<0.002	<0.002	
2/28/2023					<0.002
8/9/2023	<0.002	<0.002	<0.002	<0.002	<0.002
2/29/2024	<0.002	<0.002			<0.002
3/1/2024			<0.002	<0.002	
8/6/2024	<0.002	<0.002	<0.002		<0.002
8/8/2024				<0.002	

Time Series

Constituent: Antimony, Total (mg/L) Analysis Run 12/2/2024 10:20 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
5/11/2010	<0.002	<0.002	<0.002	<0.002	<0.002
6/16/2010	<0.002				
6/17/2010			<0.002	<0.002	<0.002
6/19/2010		<0.002			
7/27/2010	<0.002	<0.002	<0.002		
7/28/2010				<0.002	<0.002
9/7/2010	<0.002		<0.002	<0.002	
9/8/2010					<0.002
9/9/2010		<0.002			
4/28/2011		<0.002			<0.002
4/29/2011	<0.002		<0.002	<0.002	
10/28/2011	<0.002	<0.002	<0.002	<0.002	
10/29/2011					<0.002
5/2/2012	<0.002				
5/3/2012		<0.002	<0.002	<0.002	<0.002
11/9/2012	<0.002	<0.002		<0.002	
11/10/2012			<0.002		<0.002
5/9/2013	<0.002	<0.002	<0.002		
5/10/2013				<0.002	<0.002
11/5/2013		<0.002			
11/6/2013	<0.002		<0.002	<0.002	<0.002
5/22/2014	<0.002	<0.002	<0.002	<0.002	<0.002
11/8/2014	<0.002				
11/9/2014			<0.002	<0.002	<0.002
11/13/2014		<0.002			
5/22/2015				<0.002	<0.002
5/23/2015	<0.002				
5/24/2015		<0.002	<0.002		
11/10/2015	<0.002		<0.002	<0.002	
11/11/2015		<0.002			<0.002
4/11/2016	<0.002				
4/12/2016		<0.002	<0.002	<0.002 (D)	<0.002
6/16/2016	0.00014 (J)	<0.002	<0.002		
6/20/2016				0.0002 (J)	<0.002
8/11/2016	<0.002	<0.002	<0.002		
8/12/2016				<0.002	<0.002
10/4/2016		<0.002			
10/5/2016	<0.002		<0.002	<0.002	
10/6/2016					<0.002
11/29/2016	<0.002				
11/30/2016		<0.002	<0.002	<0.002	<0.002
2/7/2017		<0.002			
2/8/2017	<0.002		<0.002	<0.002	<0.002
4/5/2017	<0.002				
4/6/2017		<0.002	<0.002	<0.002	<0.002
6/20/2017		<0.002			
6/21/2017	<0.002		<0.002	<0.002	
6/22/2017					<0.002
10/4/2017		<0.002			
10/5/2017	<0.002		<0.002	<0.002	
10/6/2017					<0.002
3/20/2018	<0.002	<0.002			

Time Series

Constituent: Antimony, Total (mg/L) Analysis Run 12/2/2024 10:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
3/21/2018			<0.002	<0.002	<0.002
10/2/2018	<0.002	<0.002			
10/3/2018			<0.002	<0.002	<0.002
3/26/2019	<0.002	<0.002	<0.002	<0.002	<0.002
9/10/2019		0.00042 (J)		<0.002	<0.002
9/12/2019	<0.002		<0.002		
3/18/2020		<0.002		<0.002	
3/19/2020	<0.002		<0.002		<0.002
9/9/2020	<0.002	<0.002			
9/10/2020			<0.002	<0.002	<0.002
4/1/2021		0.0013 (J)			
4/2/2021					<0.002
4/5/2021	<0.002		<0.002		
4/6/2021				<0.002	
8/11/2021	<0.002		<0.002		
8/12/2021		<0.002		<0.002	<0.002
2/15/2022		<0.002		<0.002	<0.002
2/16/2022	<0.002		<0.002		
8/25/2022	<0.002		<0.002	<0.002	0.00058 (J)
8/26/2022		<0.002			
2/27/2023		<0.002			<0.002
2/28/2023	<0.002		<0.002	<0.002	
8/8/2023	<0.002		<0.002		<0.002
8/9/2023		<0.002		<0.002	
2/29/2024	<0.002				<0.002
3/1/2024		<0.002	<0.002		
3/4/2024				0.0013 (J)	
8/6/2024	<0.002	<0.002	<0.002		
8/7/2024				<0.002	<0.002

Time Series

Constituent: Antimony, Total (mg/L) Analysis Run 12/2/2024 10:20 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
5/10/2010			<0.002	<0.002	<0.002
5/11/2010	<0.002	<0.002			
6/16/2010					<0.002
6/18/2010	<0.002	<0.002	<0.002		
6/19/2010				<0.002	
7/27/2010	<0.002	<0.002			<0.002
7/28/2010			<0.002	<0.002	
9/8/2010				<0.002	<0.002
9/9/2010	<0.002	<0.002	<0.002		
4/29/2011	<0.002				<0.002
4/30/2011		<0.002	<0.002	<0.002	
10/27/2011				<0.002	<0.002
10/28/2011	<0.002				
10/29/2011		<0.002	<0.002		
5/3/2012					<0.002
5/4/2012	<0.002	<0.002	<0.002	<0.002	
11/10/2012	<0.002	<0.002	<0.002		
11/11/2012				<0.002	<0.002
5/9/2013	<0.002	<0.002	<0.002		<0.002
5/10/2013				<0.002	
11/6/2013	<0.002				<0.002
11/7/2013		<0.002	<0.002	<0.002	
5/21/2014		<0.002	<0.002	<0.002	<0.002
5/22/2014	<0.002				
11/9/2014	<0.002	<0.002			
11/12/2014			<0.002		<0.002
11/13/2014				<0.002	
5/23/2015				<0.002	<0.002
5/24/2015	<0.002	<0.002	<0.002		
11/11/2015	<0.002	<0.002	<0.002	<0.002	
11/12/2015					<0.002
4/12/2016		<0.002			
4/13/2016			<0.002 (D)		<0.002 (D)
4/19/2016	<0.002			<0.002	
6/20/2016		<0.002	0.0002 (J)		
6/22/2016	<0.002				<0.002
8/12/2016		<0.002			
8/15/2016			<0.002		<0.002
8/16/2016	<0.002				
10/6/2016	<0.002	<0.002	<0.002		<0.002
10/10/2016				<0.002	
11/30/2016		<0.002			
12/1/2016	<0.002		<0.002	<0.002	<0.002
2/8/2017					<0.002
2/9/2017	<0.002	<0.002	<0.002	<0.002	
4/6/2017	<0.002	<0.002			<0.002
4/7/2017			<0.002	<0.002	
6/21/2017	<0.002	<0.002		<0.002	<0.002
6/22/2017			<0.002		
8/15/2017				<0.002	
9/1/2017				<0.002	
10/5/2017	<0.002				<0.002

Time Series

Constituent: Antimony, Total (mg/L) Analysis Run 12/2/2024 10:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
10/6/2017		<0.002	<0.002		
10/9/2017				<0.002	
3/21/2018		<0.002			<0.002
3/22/2018	<0.002		<0.002	<0.002	
10/2/2018					<0.002
10/3/2018	<0.002	<0.002			
10/4/2018			<0.002	<0.002	
3/26/2019		<0.002			
3/27/2019	<0.002		<0.002	<0.002	<0.002
9/11/2019	<0.002	<0.002	<0.002	<0.002	<0.002
3/18/2020	<0.002	<0.002		<0.002	<0.002
3/19/2020			<0.002		
9/9/2020	<0.002			<0.002	<0.002
9/10/2020		<0.002	<0.002		
4/1/2021	<0.002		<0.002		<0.002
4/5/2021		<0.002		<0.002	
8/11/2021		<0.002	<0.002		
8/12/2021	<0.002			<0.002	<0.002
2/15/2022	<0.002	<0.002	<0.002	<0.002	<0.002
8/25/2022	<0.002	<0.002	<0.002	<0.002	<0.002
2/27/2023		<0.002	<0.002	<0.002	<0.002
2/28/2023	<0.002				
8/8/2023	<0.002	<0.002	<0.002	<0.002	<0.002
2/29/2024	<0.002	<0.002	<0.002	<0.002	
3/1/2024					<0.002
8/6/2024	<0.002		<0.002	<0.002	<0.002
8/7/2024		<0.002			

Time Series

Constituent: Arsenic, Total (mg/L) Analysis Run 12/2/2024 10:20 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
5/8/2010			<0.001		
5/9/2010	<0.001	<0.001			
5/10/2010					<0.001
5/11/2010				<0.001	
6/16/2010		<0.001	<0.001		<0.001
6/17/2010				<0.001	
6/18/2010	<0.001				
7/26/2010			<0.001		
7/27/2010		<0.001		<0.001	
7/28/2010	<0.001				<0.001
9/7/2010		<0.001	<0.001		
9/8/2010					<0.001
9/9/2010	<0.001			<0.001	
4/28/2011				<0.001	
4/29/2011		<0.001	<0.001		<0.001
4/30/2011	<0.001				
10/27/2011					<0.001
10/28/2011	<0.001	<0.001	<0.001		
10/29/2011				<0.001	
5/2/2012	<0.001	<0.001	<0.001		
5/3/2012				<0.001	
5/4/2012					<0.001
11/9/2012	<0.001	<0.001	<0.001	<0.001	
11/11/2012					<0.001
5/8/2013	<0.001	<0.001	<0.001		
5/9/2013				<0.001	<0.001
11/5/2013	<0.001			<0.001	<0.001
11/6/2013		<0.001	<0.001		
5/20/2014	<0.001	<0.001	<0.001		
5/21/2014					<0.001
5/23/2014				<0.001	
11/8/2014		<0.001	<0.001		
11/12/2014	<0.001				<0.001
11/13/2014				<0.001	
5/22/2015	<0.001	<0.001	<0.001		
5/23/2015				<0.001	<0.001
11/9/2015		<0.001	<0.001		
11/11/2015	<0.001			<0.001	
11/12/2015					<0.001
4/6/2016	<0.001	<0.001	<0.001		
4/12/2016				<0.001	
4/13/2016					<0.001 (D)
6/15/2016	<0.001	<0.001	<0.001		
6/16/2016				6E-05 (J)	
6/21/2016					<0.001
8/10/2016	<0.001	<0.001	<0.001		
8/11/2016				<0.001	
8/15/2016					<0.001
10/4/2016	<0.001	<0.001		0.00079	
10/5/2016			<0.001		<0.001
11/29/2016		<0.001	<0.001		
11/30/2016	<0.001			<0.001	

Time Series

Constituent: Arsenic, Total (mg/L) Analysis Run 12/2/2024 10:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
12/1/2016					<0.001
2/7/2017	<0.001	<0.001	<0.001	<0.001	
2/8/2017					<0.001
4/4/2017	<0.001	<0.001	<0.001		
4/5/2017				<0.001	
4/6/2017					<0.001
6/20/2017	<0.001	<0.001	<0.001	<0.001	
6/21/2017					<0.001
10/4/2017	<0.001			<0.001	
10/5/2017		<0.001	<0.001		<0.001
3/20/2018	<0.001 (D)	<0.001	<0.001	<0.001	
3/21/2018					<0.001
10/2/2018	<0.001	<0.001	<0.001	<0.001	<0.001
3/26/2019	<0.001	<0.001	<0.001	<0.001	
3/27/2019					<0.001
9/10/2019	0.00032 (J)	0.00049 (J)	0.00069 (J)	0.00033 (J)	
9/11/2019					0.00055 (J)
3/18/2020	<0.001	<0.001	<0.001	<0.001	<0.001
9/9/2020	<0.001	<0.001	<0.001	<0.001	<0.001
4/1/2021	<0.001	<0.001	<0.001	<0.001	<0.001
8/11/2021	<0.001	<0.001	<0.001		
8/17/2021					<0.001
8/18/2021				<0.001	
2/15/2022	<0.001	<0.001	<0.001	<0.001	<0.001
8/24/2022			<0.001	<0.001	
8/25/2022	<0.001	<0.001			<0.001
2/21/2023					<0.001
2/27/2023				<0.001	
2/28/2023	<0.001	<0.001	<0.001		
8/3/2023	<0.001	<0.001	<0.001		
8/9/2023				<0.001	<0.001
2/28/2024		<0.001	<0.001		
3/1/2024				<0.001	<0.001
3/4/2024	<0.001				
8/6/2024	<0.001	<0.001	<0.001	<0.001	<0.001

Time Series

Constituent: Arsenic, Total (mg/L) Analysis Run 12/2/2024 10:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
5/9/2010		<0.001	<0.001	<0.001	
5/10/2010	<0.001				<0.001
6/16/2010	<0.001				<0.001
6/18/2010		<0.001	<0.001	<0.001	
7/26/2010					<0.001
7/27/2010	<0.001	<0.001			
7/28/2010				<0.001	
7/29/2010			<0.001		
9/7/2010					<0.001
9/8/2010	<0.001	<0.001			
9/9/2010			<0.001	<0.001	
4/26/2011			<0.001		
4/29/2011	<0.001	<0.001			<0.001
4/30/2011				<0.001	
10/27/2011	<0.001				
10/28/2011		<0.001	<0.001	<0.001	<0.001
5/2/2012					<0.001
5/3/2012		<0.001		<0.001	
5/4/2012	<0.001		<0.001		
11/9/2012					<0.001
11/10/2012	<0.001	<0.001		<0.001	
11/11/2012			<0.001		
5/8/2013			<0.001	<0.001	<0.001
5/9/2013	<0.001	<0.001			
11/5/2013				<0.001	
11/6/2013	<0.001	<0.001			<0.001
11/7/2013			<0.001		
5/20/2014	<0.001	<0.001	<0.001	<0.001	
5/23/2014					<0.001
11/8/2014					<0.001
11/12/2014	<0.001	<0.001	<0.001	<0.001	
5/22/2015					<0.001
5/23/2015		<0.001			
5/24/2015	<0.001		<0.001	<0.001	
11/10/2015					<0.001
11/11/2015				<0.001	
11/12/2015	<0.001	<0.001	<0.001		
4/11/2016					<0.001
4/13/2016	<0.001 (D)	<0.001 (D)	<0.001 (D)	<0.001 (D)	
6/16/2016					<0.001
6/21/2016	<0.001	<0.001	<0.001	<0.001	
8/11/2016					<0.001
8/15/2016	<0.001	<0.001	<0.001	<0.001	
10/4/2016				<0.001	
10/5/2016	<0.001	<0.001			<0.001
10/7/2016			<0.001		
11/29/2016					<0.001
12/1/2016	<0.001	<0.001	<0.001	<0.001	
2/7/2017				<0.001	
2/8/2017	<0.001	<0.001			<0.001
2/9/2017			<0.001		
4/5/2017		<0.001			

Time Series

Constituent: Arsenic, Total (mg/L) Analysis Run 12/2/2024 10:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
4/6/2017	<0.001		<0.001	<0.001	<0.001
6/20/2017	<0.001	<0.001		<0.001	
6/21/2017					<0.001
6/22/2017			<0.001		
10/5/2017	<0.001	<0.001		<0.001	<0.001
10/6/2017			<0.001		
3/20/2018				<0.001	<0.001
3/21/2018	<0.001	<0.001 (D)			
3/22/2018			<0.001		
10/2/2018	<0.001	<0.001		<0.001	<0.001
10/3/2018			<0.001		
3/26/2019		<0.001	<0.001	<0.001	<0.001
3/27/2019	<0.001				
9/11/2019	0.00045 (J)	0.00038 (J)	0.00042 (J)	0.00045 (J)	0.00043 (J)
3/18/2020	<0.001	<0.001	<0.001	<0.001	<0.001
9/9/2020				<0.001	<0.001
9/10/2020	<0.001	<0.001	<0.001		
4/1/2021	<0.001	<0.001		<0.001	<0.001
4/6/2021			<0.001		
8/11/2021	<0.001	<0.001	<0.001	<0.001	<0.001
2/16/2022	<0.001	<0.001	<0.001	<0.001	<0.001
8/25/2022	<0.001				<0.001
8/26/2022		<0.001	<0.001	<0.001	
2/27/2023	<0.001	<0.001	<0.001	<0.001	
2/28/2023					<0.001
8/9/2023	<0.001	<0.001	<0.001	<0.001	<0.001
2/29/2024	<0.001	<0.001			<0.001
3/1/2024			<0.001	<0.001	
8/6/2024	<0.001	<0.001	<0.001		<0.001
8/8/2024				<0.001	

Time Series

Constituent: Arsenic, Total (mg/L) Analysis Run 12/2/2024 10:20 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
5/11/2010	<0.001	<0.001	<0.001	<0.001	<0.001
6/16/2010	<0.001				
6/17/2010			<0.001	<0.001	<0.001
6/19/2010		<0.001			
7/27/2010	<0.001	<0.001	<0.001		
7/28/2010				<0.001	<0.001
9/7/2010	<0.001		<0.001	<0.001	
9/8/2010					<0.001
9/9/2010		<0.001			
4/28/2011		<0.001			<0.001
4/29/2011	<0.001		<0.001	<0.001	
10/28/2011	<0.001	<0.001	<0.001	<0.001	
10/29/2011					<0.001
5/2/2012	<0.001				
5/3/2012		<0.001	<0.001	<0.001	<0.001
11/9/2012	<0.001	<0.001		<0.001	
11/10/2012			<0.001		<0.001
5/9/2013	<0.001	<0.001	<0.001		
5/10/2013				<0.001	<0.001
11/5/2013		<0.001			
11/6/2013	<0.001		<0.001	<0.001	<0.001
5/22/2014	<0.001	<0.001	<0.001	<0.001	<0.001
11/8/2014	<0.001				
11/9/2014			<0.001	<0.001	<0.001
11/13/2014		<0.001			
5/22/2015				<0.001	<0.001
5/23/2015	<0.001				
5/24/2015		<0.001	<0.001		
11/10/2015	<0.001	<0.001	<0.001	<0.001	
11/11/2015		<0.001			<0.001
4/11/2016	<0.001				
4/12/2016		<0.001	<0.001	<0.001 (D)	<0.001
6/16/2016	5.1E-05 (J)	5.5E-05 (J)	5.4E-05 (J)		
6/20/2016				<0.001	<0.001
8/11/2016	<0.001	<0.001	<0.001		
8/12/2016				0.00053 (J)	<0.001
10/4/2016		<0.001			
10/5/2016	<0.001		<0.001	<0.001	
10/6/2016					<0.001
11/29/2016	<0.001				
11/30/2016		<0.001	<0.001	<0.001	<0.001
2/7/2017		<0.001			
2/8/2017	<0.001		<0.001	<0.001	<0.001
4/5/2017	<0.001				
4/6/2017		<0.001	<0.001	<0.001	<0.001
6/20/2017		<0.001			
6/21/2017	<0.001		<0.001	<0.001	
6/22/2017					<0.001
10/4/2017		<0.001			
10/5/2017	<0.001		<0.001	<0.001	
10/6/2017					<0.001
3/20/2018	<0.001	<0.001			

Time Series

Constituent: Arsenic, Total (mg/L) Analysis Run 12/2/2024 10:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
3/21/2018			0.00078	0.00089	<0.001
10/2/2018	<0.001	<0.001			
10/3/2018			<0.001	<0.001	<0.001
3/26/2019	<0.001	<0.001	<0.001	<0.001	<0.001
9/10/2019		0.00038 (J)		0.00032 (J)	0.00032 (J)
9/12/2019	<0.001		<0.001		
3/18/2020		<0.001		<0.001	
3/19/2020	<0.001		<0.001		<0.001
9/9/2020	<0.001	<0.001			
9/10/2020			<0.001	<0.001	<0.001
4/1/2021		<0.001			
4/2/2021					<0.001
4/5/2021	<0.001		<0.001		
4/6/2021				<0.001	
8/11/2021	<0.001		<0.001		
8/12/2021		<0.001		<0.001	<0.001
2/15/2022		<0.001		<0.001	<0.001
2/16/2022	<0.001		<0.001		
8/25/2022	<0.001		<0.001	<0.001	<0.001
8/26/2022		<0.001			
2/27/2023		<0.001			<0.001
2/28/2023	<0.001		<0.001	<0.001	
8/8/2023	<0.001		<0.001		<0.001
8/9/2023		<0.001		<0.001	
2/29/2024	<0.001				<0.001
3/1/2024		<0.001	<0.001		
3/4/2024				<0.001	
8/6/2024	<0.001	<0.001	<0.001		
8/7/2024				<0.001	<0.001

Time Series

Constituent: Arsenic, Total (mg/L) Analysis Run 12/2/2024 10:20 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
5/10/2010			<0.001	<0.001	<0.001
5/11/2010	<0.001	<0.001			
6/16/2010					<0.001
6/18/2010	<0.001	<0.001	<0.001		
6/19/2010				<0.001	
7/27/2010	<0.001	<0.001			<0.001
7/28/2010			<0.001	<0.001	
9/8/2010				<0.001	<0.001
9/9/2010	<0.001	<0.001	<0.001		
4/29/2011	<0.001				<0.001
4/30/2011		<0.001	<0.001	<0.001	
10/27/2011				<0.001	<0.001
10/28/2011	<0.001				
10/29/2011		<0.001	<0.001		
5/3/2012					<0.001
5/4/2012	<0.001	<0.001	<0.001	<0.001	
11/10/2012	<0.001	<0.001	<0.001		
11/11/2012				<0.001	<0.001
5/9/2013	<0.001	<0.001	<0.001		<0.001
5/10/2013				<0.001	
11/6/2013	<0.001				<0.001
11/7/2013		<0.001	<0.001	<0.001	
5/21/2014		<0.001	<0.001	<0.001	<0.001
5/22/2014	<0.001				
11/9/2014	<0.001	<0.001			
11/12/2014			<0.001		<0.001
11/13/2014				<0.001	
5/23/2015				<0.001	<0.001
5/24/2015	<0.001	<0.001	<0.001		
11/11/2015	<0.001	<0.001	<0.001	<0.001	
11/12/2015					<0.001
4/12/2016		<0.001			
4/13/2016			<0.001 (D)		<0.001 (D)
4/19/2016	<0.001			<0.001	
6/20/2016		6.3E-05 (J)	<0.001		
6/22/2016	0.0008				<0.001
8/12/2016		<0.001			
8/15/2016			<0.001		<0.001
8/16/2016	<0.001				
10/6/2016	<0.001	<0.001	<0.001		<0.001
10/10/2016				<0.001	
11/30/2016		<0.001			
12/1/2016	<0.001		<0.001	<0.001	<0.001
2/8/2017					<0.001
2/9/2017	<0.001	<0.001	<0.001	0.00115 (JD)	
4/6/2017	<0.001	<0.001			<0.001
4/7/2017			<0.001	<0.001	
6/21/2017	<0.001	<0.001		0.0014	<0.001
6/22/2017			<0.001		
8/15/2017				0.00086	
9/1/2017				0.00075	
10/5/2017	<0.001				<0.001

Time Series

Constituent: Arsenic, Total (mg/L) Analysis Run 12/2/2024 10:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
10/6/2017		<0.001	<0.001		
10/9/2017				0.0013	
3/21/2018		<0.001			<0.001
3/22/2018	0.00046 (J)		<0.001	0.00075	
10/2/2018					<0.001
10/3/2018	<0.001	<0.001			
10/4/2018			<0.001	<0.001	
3/26/2019		<0.001			
3/27/2019	<0.001		<0.001	0.0012	0.00062
9/11/2019	0.00038 (J)	0.00041 (J)	0.00038 (J)	0.001 (J)	0.00055 (J)
3/18/2020	<0.001	<0.001		0.00042 (J)	<0.001
3/19/2020			<0.001		
9/9/2020	<0.001			0.00092 (J)	<0.001
9/10/2020		<0.001	<0.001		
4/1/2021	<0.001		<0.001		<0.001
4/5/2021		<0.001		0.00097 (J)	
8/11/2021		<0.001	<0.001		
8/12/2021	<0.001			0.00081 (J)	<0.001
2/15/2022	<0.001	<0.001	<0.001	0.00047 (J)	<0.001
8/25/2022	<0.001	<0.001	<0.001	0.00048 (J)	0.00037 (J)
2/27/2023		<0.001	<0.001	0.0005 (J)	<0.001
2/28/2023	<0.001				
8/8/2023	<0.001	<0.001	<0.001	0.00091 (J)	<0.001
2/29/2024	<0.001	<0.001	<0.001	0.00089 (J)	
3/1/2024					<0.001
8/6/2024	<0.001		<0.001	<0.001	<0.001
8/7/2024		<0.001			

Time Series

Constituent: Barium, Total (mg/L) Analysis Run 12/2/2024 10:20 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
5/8/2010			0.048 (J)		
5/9/2010	0.01 (J)	0.031 (J)			
5/10/2010					0.024 (J)
5/11/2010				0.054 (J)	
6/16/2010		0.029 (J)	0.044 (J)		0.022 (J)
6/17/2010				0.054 (J)	
6/18/2010	0.01 (J)				
7/26/2010			0.042 (J)		
7/27/2010		0.029 (J)		0.054 (J)	
7/28/2010	0.011 (J)				0.023 (J)
9/7/2010		0.028 (J)	0.04 (J)		
9/8/2010					0.023 (J)
9/9/2010	0.011 (J)			0.046 (J)	
4/28/2011				0.057 (J)	
4/29/2011		0.026 (J)	0.038 (J)		0.022 (J)
4/30/2011	0.0091 (J)				
10/27/2011					0.022
10/28/2011	0.0096 (J)	0.025	0.034		
10/29/2011				0.046	
5/2/2012	0.012	0.025	0.03		
5/3/2012				0.049	
5/4/2012					0.019
11/9/2012	0.012 (V)	0.028 (V)	0.039 (V)	0.045 (V)	
11/11/2012					0.025 (V)
5/8/2013	0.01	0.029	0.034		
5/9/2013				0.053	0.024
11/5/2013	0.0098 (J)			0.045	0.025
11/6/2013		0.026	0.032		
5/20/2014	0.0081 (J)	0.025	0.03		
5/21/2014					0.024
5/23/2014				0.043	
11/8/2014		0.026	0.031		
11/12/2014	0.0098 (J)				0.026
11/13/2014				0.046	
5/22/2015	0.0088 (J)	0.026	0.033		
5/23/2015				0.046	0.026
11/9/2015		0.024	0.034		
11/11/2015	0.011			0.047	
11/12/2015					0.026
4/6/2016	0.00959 (J)	0.026	0.0347		
4/12/2016				0.0474	
4/13/2016					0.0258 (D)
6/15/2016	0.0091 (J)	0.023	0.029		
6/16/2016				0.044	
6/21/2016					0.0286
8/10/2016	0.009	0.022	0.027		
8/11/2016				0.04	
8/15/2016					0.024
10/4/2016	<0.0092	0.024		0.048	
10/5/2016			<0.029		<0.028
11/29/2016		0.023	0.024		
11/30/2016	0.011			0.043	

Time Series

Constituent: Barium, Total (mg/L) Analysis Run 12/2/2024 10:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
12/1/2016					0.028
2/7/2017	0.0099	0.024	0.029	0.042	
2/8/2017					0.027
4/4/2017	0.0092	0.022	0.03		
4/5/2017				0.041	
4/6/2017					0.027
6/20/2017	0.0099	0.025	0.036	0.046	
6/21/2017					0.031
10/4/2017	0.0098			0.044	
10/5/2017		0.023	0.027		0.029
3/20/2018	0.01	0.023	0.027	0.042	
3/21/2018					<0.028 (X)
10/2/2018	0.0099	0.023	0.027	0.043	0.029
3/26/2019	0.0099	0.024	0.031	0.044	
3/27/2019					0.027
9/10/2019	0.011	0.039	0.051	0.046	
9/11/2019					0.033
3/18/2020	0.01	0.027	0.031	0.049	0.036
9/9/2020	0.01	0.024	0.033	0.046	0.036
4/1/2021	0.0092 (J)	0.024	0.029	0.047	0.034
8/11/2021	0.01	0.023	0.029		
8/18/2021				0.049	
10/18/2021					0.031
2/15/2022	0.012	0.024	0.031	0.052	0.036
8/24/2022			0.031	0.043	
8/25/2022	0.012	0.025			0.035
2/21/2023					0.033
2/27/2023				0.049	
2/28/2023	0.01	0.025	0.03		
8/3/2023	0.01	0.026	0.027		
8/9/2023				0.048	0.032
2/28/2024		0.03	0.032		
3/1/2024				0.048	0.036
3/4/2024	0.01				
8/6/2024	0.01	0.031	0.033	0.051	0.034

Time Series

Constituent: Barium, Total (mg/L) Analysis Run 12/2/2024 10:20 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
5/9/2010		0.017 (J)	0.029 (J)	0.01 (J)	
5/10/2010	0.018 (J)				0.039 (J)
6/16/2010	0.018 (J)				0.041 (J)
6/18/2010		0.014 (J)	0.028 (J)	0.0097 (J)	
7/26/2010					0.04 (J)
7/27/2010	0.018 (J)	0.015 (J)			
7/28/2010				0.0096 (J)	
7/29/2010			0.029 (J)		
9/7/2010					0.038 (J)
9/8/2010	0.017 (J)	0.013 (J)			
9/9/2010			0.028 (J)	0.01 (J)	
4/26/2011			0.038 (J)		
4/29/2011	0.016 (J)	0.016 (J)			0.034 (J)
4/30/2011				0.0096 (J)	
10/27/2011	0.015				
10/28/2011		0.013	0.026	0.0064 (O)	0.035
5/2/2012					0.038
5/3/2012		0.012		0.0054 (O)	
5/4/2012	0.014		0.024		
11/9/2012					0.035 (V)
11/10/2012	0.016 (V)	0.015 (V)		0.0094 (J)	
11/11/2012			0.027 (V)		
5/8/2013			0.045	0.0093 (J)	0.037
5/9/2013	0.016	0.015			
11/5/2013				0.009 (J)	
11/6/2013	0.016	0.015			0.036 (V)
11/7/2013			0.026		
5/20/2014	0.016	0.015	0.024	0.009 (J)	
5/23/2014					0.036
11/8/2014					0.038
11/12/2014	0.017	0.018	0.029	0.0098 (J)	
5/22/2015					0.035
5/23/2015		0.016			
5/24/2015	0.017		0.027	0.0096 (J)	
11/10/2015					0.032
11/11/2015				0.0092 (J)	
11/12/2015	0.016	0.015	0.029		
4/11/2016					0.0352
4/13/2016	0.0159 (D)	0.0166 (D)	0.029 (D)	0.00929 (JD)	
6/16/2016					0.033
6/21/2016	0.018	0.0173	0.0306	0.0106	
8/11/2016					0.035
8/15/2016	0.015	0.015	0.026	0.0077	
10/4/2016				<0.0091	
10/5/2016	<0.016	<0.017			<0.032
10/7/2016			0.031		
11/29/2016					0.034
12/1/2016	0.016	0.016	0.031	0.0089	
2/7/2017				0.0089	
2/8/2017	0.015	0.016			0.032
2/9/2017			0.032		
4/5/2017		0.016			

Time Series

Constituent: Barium, Total (mg/L) Analysis Run 12/2/2024 10:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
4/6/2017	0.016		0.029	0.0085	0.031
6/20/2017	0.016	0.017		0.0097	
6/21/2017					0.035
6/22/2017			0.034		
10/5/2017	0.016	0.017		0.0096	0.034
10/6/2017			0.031		
3/20/2018				0.0091	0.033
3/21/2018	<0.016 (X)	<0.017 (X)			
3/22/2018			0.034		
10/2/2018	0.016	0.016		0.0096	0.032
10/3/2018			0.03		
3/26/2019		0.017	0.035	0.0092	0.033
3/27/2019	0.015				
9/11/2019	0.017	0.017	0.035	0.011	0.035
3/18/2020	0.019	0.018	0.058	0.0099 (J)	0.036
9/9/2020				0.01	0.036
9/10/2020	0.02	0.019	0.037		
4/1/2021	0.018	0.018		0.0095 (J)	0.035
4/6/2021			0.038		
8/11/2021	0.017	0.018	0.037	0.012	0.037
2/16/2022	0.018	0.018	0.035	0.011	0.034
8/25/2022	0.018				0.035
8/26/2022		0.018	0.035	0.011	
2/27/2023	0.019	0.019	0.04	0.011	
2/28/2023					0.035
8/9/2023	0.019	0.02	0.04	0.012	0.037
2/29/2024	0.02	0.019			0.037
3/1/2024			0.039	0.012	
8/6/2024	0.017	0.018	0.036		0.037
8/8/2024				0.013	

Time Series

Constituent: Barium, Total (mg/L) Analysis Run 12/2/2024 10:20 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
5/11/2010	0.018 (J)	0.048 (J)	0.032 (J)	0.039	0.031 (J)
6/16/2010	0.017 (J)				
6/17/2010			0.031 (J)	0.017	0.033 (J)
6/19/2010		0.033 (J)			
7/27/2010	0.016 (J)	0.047 (J)	0.035 (J)		
7/28/2010				0.071 (O)	0.033 (J)
9/7/2010	0.017 (J)		0.032 (J)	0.026	
9/8/2010					0.033 (J)
9/9/2010		0.045 (J)			
4/28/2011		0.048 (J)			0.039 (J)
4/29/2011	0.018 (J)		0.031 (J)	0.016	
10/28/2011	0.016	0.044	0.03	0.014	
10/29/2011					0.029
5/2/2012	0.018				
5/3/2012		0.047	0.032	0.017	0.036
11/9/2012	0.017 (V)	0.055 (V)		0.022 (V)	
11/10/2012			0.028 (V)		0.032 (V)
5/9/2013	0.017	0.049	0.029		
5/10/2013				0.025	0.035
11/5/2013		0.045			
11/6/2013	0.018 (V)		0.03 (V)	0.015	0.037
5/22/2014	0.016	0.04	0.029	0.016	0.031
11/8/2014	0.018				
11/9/2014			0.032	0.017	0.034
11/13/2014		0.045			
5/22/2015				0.017	0.039
5/23/2015	0.018				
5/24/2015		0.045	0.029		
11/10/2015	0.017		0.026	0.018	
11/11/2015		0.045			0.042
4/11/2016	0.0191				
4/12/2016		0.0519	0.033	0.0169 (D)	0.0386
6/16/2016	0.017	0.045	0.028		
6/20/2016				0.014	0.031
8/11/2016	0.015	0.04	0.026		
8/12/2016				0.018	0.033
10/4/2016		0.044			
10/5/2016	<0.018		0.03	0.015	
10/6/2016					0.042
11/29/2016	0.017				
11/30/2016		0.044	0.03	0.018	0.04
2/7/2017		0.044			
2/8/2017	0.017		0.033	0.018	0.042
4/5/2017	0.017				
4/6/2017		0.041	0.033	0.017	0.041
6/20/2017		0.045			
6/21/2017	0.019		0.03	0.02	
6/22/2017					0.047
10/4/2017		0.047			
10/5/2017	0.018		0.028	0.017	
10/6/2017					0.045
3/20/2018	0.019	0.045			

Time Series

Constituent: Barium, Total (mg/L) Analysis Run 12/2/2024 10:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
3/21/2018			<0.03 (X)	<0.018 (X)	0.045
10/2/2018	0.018	0.044			
10/3/2018			0.028	0.016	0.042
3/26/2019	0.018	0.045	0.03	0.015	0.053
9/10/2019		0.047		0.014	0.037
9/12/2019	0.026		0.035		
3/18/2020		0.048		0.013	
3/19/2020	0.025		0.032		0.045
9/9/2020	0.026	0.047			
9/10/2020			0.031	0.015	0.045
4/1/2021		0.044			
4/2/2021					0.047
4/5/2021	0.028		0.029		
4/6/2021				0.014	
8/11/2021	0.031		0.031		
8/12/2021		0.048		0.019	0.049
2/15/2022		0.048		0.013	0.055
2/16/2022	0.027		0.03		
5/12/2022					0.06 (R)
8/25/2022	0.03		0.031	0.013	0.054
8/26/2022		0.045			
12/28/2022					0.065 (R)
2/27/2023		0.048			0.081
2/28/2023	0.031		0.032	0.011	
8/8/2023	0.032		0.035		0.085
8/9/2023		0.045		0.013	
2/29/2024	0.033				0.1
3/1/2024		0.046	0.036		
3/4/2024				0.019	
8/6/2024	0.035	0.052	0.037		
8/7/2024				0.02	0.097

Time Series

Constituent: Barium, Total (mg/L) Analysis Run 12/2/2024 10:20 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
5/10/2010			0.029 (J)	0.05 (J)	0.026 (J)
5/11/2010	0.034 (J)	0.053 (J)			
6/16/2010					0.026 (J)
6/18/2010	0.028 (J)	0.055 (J)	0.044 (J)		
6/19/2010				0.045 (J)	
7/27/2010	0.026 (J)	0.053 (J)			0.029 (J)
7/28/2010			0.028 (J)	0.046 (J)	
9/8/2010				0.071 (J)	0.027 (J)
9/9/2010	0.022 (J)	0.05 (J)	0.029 (J)		
4/29/2011	0.016 (J)				0.02 (J)
4/30/2011		0.05 (J)	0.025 (J)	0.098 (J)	
10/27/2011				0.048	0.02
10/28/2011	0.014				
10/29/2011		0.045	0.026		
5/3/2012					0.021
5/4/2012	0.017	0.051	0.032	0.055	
11/10/2012	0.014 (V)	0.048 (V)	0.028 (V)		
11/11/2012				0.05 (V)	0.028 (V)
5/9/2013	0.016	0.048	0.03		0.026
5/10/2013				0.12	
11/6/2013	0.016				0.026
11/7/2013		0.049	0.031	0.044	
5/21/2014		0.048	0.029	0.037	0.023
5/22/2014	0.016				
11/9/2014	0.018	0.053			
11/12/2014			0.031		0.038
11/13/2014				0.085	
5/23/2015				0.054	0.021
5/24/2015	0.11	0.061	0.039		
11/11/2015	0.12	0.063	0.032	0.059	
11/12/2015					0.02
4/12/2016		0.0626			
4/13/2016			0.0328 (D)		0.0164 (D)
4/19/2016	0.099			0.0415	
6/20/2016		0.057	0.03		
6/22/2016	0.074				0.0238
8/12/2016		0.053			
8/15/2016			0.033		0.02
8/16/2016	0.045				
10/6/2016	0.046	0.053	0.032		0.021
10/10/2016				0.034	
11/30/2016		0.06			
12/1/2016	0.046		0.034	0.037	0.025
2/8/2017					0.017
2/9/2017	0.055	0.054	0.032	0.043	
4/6/2017	0.057	0.055			0.019
4/7/2017			0.031	0.019	
6/21/2017	0.062	0.063		0.017	0.026
6/22/2017			0.035		
8/15/2017				0.021	
9/1/2017				0.02	
10/5/2017	0.052				0.022

Time Series

Constituent: Barium, Total (mg/L) Analysis Run 12/2/2024 10:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
10/6/2017		0.054	0.034		
10/9/2017				0.019	
3/21/2018		0.056			<0.021 (X)
3/22/2018	0.048		0.035	0.019	
10/2/2018					0.023
10/3/2018	0.036	0.051			
10/4/2018			0.031	0.012	
3/26/2019		0.052			
3/27/2019	0.038		0.033	0.025	0.018
9/11/2019	0.039	0.059	0.035	0.022	0.028
3/18/2020	0.04	0.05		0.043	0.013
3/19/2020			0.036		
9/9/2020	0.033			0.053	0.025
9/10/2020		0.056	0.039		
4/1/2021	0.04		0.036		0.018
4/5/2021		0.054		0.045	
8/11/2021		0.054	0.036		
8/12/2021	0.036			0.026	0.023
2/15/2022	0.038	0.057	0.035	0.048	0.023
8/25/2022	0.031	0.055	0.035	0.03	0.04
2/27/2023		0.052	0.036	0.055	0.025
2/28/2023	0.038				
8/8/2023	0.031	0.046	0.034	0.051	0.027
2/29/2024	0.042	0.06	0.041	0.042	
3/1/2024					0.026
8/6/2024	0.038		0.039	0.029	0.03
8/7/2024		0.047			

Time Series

Constituent: Beryllium, Total (mg/L) Analysis Run 12/2/2024 10:20 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
5/8/2010			<0.0025		
5/9/2010	<0.0025	<0.0025			
5/10/2010					<0.0025
5/11/2010				<0.0025	
6/16/2010		<0.0025	<0.0025		<0.0025
6/17/2010				<0.0025	
6/18/2010	<0.0025				
7/26/2010			<0.0025		
7/27/2010		<0.0025		<0.0025	
7/28/2010	<0.0025				<0.0025
9/7/2010		<0.0025	<0.0025		
9/8/2010					<0.0025
9/9/2010	<0.0025			<0.0025	
4/28/2011				<0.0025	
4/29/2011		<0.0025	<0.0025		<0.0025
4/30/2011	<0.0025				
10/27/2011					<0.0025
10/28/2011	<0.0025	<0.0025	<0.0025		
10/29/2011				<0.0025	
5/2/2012	<0.0025	<0.0025	<0.0025		
5/3/2012				<0.0025	
5/4/2012					<0.0025
11/9/2012	<0.0025	<0.0025	0.0021	<0.0025	
11/11/2012					<0.0025
5/8/2013	<0.0025	<0.0025	<0.0025		
5/9/2013				<0.0025	<0.0025
11/5/2013	<0.0025			<0.0025	<0.0025
11/6/2013		<0.0025	<0.0025		
5/20/2014	<0.0025	<0.0025	<0.0025		
5/21/2014					<0.0025
5/23/2014				<0.0025	
11/8/2014		<0.0025	<0.0025		
11/12/2014	<0.0025				<0.0025
11/13/2014				<0.0025	
5/22/2015	<0.0025	<0.0025	<0.0025		
5/23/2015				<0.0025	<0.0025
11/9/2015		<0.0025	<0.0025		
11/11/2015	<0.0025			<0.0025	
11/12/2015					<0.0025
4/6/2016	<0.0025	<0.0025	<0.0025		
4/12/2016				<0.0025	
4/13/2016					<0.0025 (D)
6/15/2016	<0.0025	<0.0025	<0.0025		
6/16/2016				<0.0025	
6/21/2016					<0.0025
8/10/2016	<0.0025	<0.0025	<0.0025		
8/11/2016				<0.0025	
8/15/2016					<0.0025
10/4/2016	<0.0025	<0.0025		<0.0025	
10/5/2016			<0.0025		<0.0025
11/29/2016		<0.0025	<0.0025		
11/30/2016	<0.0025			<0.0025	

Time Series

Constituent: Beryllium, Total (mg/L) Analysis Run 12/2/2024 10:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
12/1/2016					<0.0025
2/7/2017	<0.0025	<0.0025	<0.0025	<0.0025	
2/8/2017					<0.0025
4/4/2017	<0.0025	<0.0025	<0.0025		
4/5/2017				<0.0025	
4/6/2017					<0.0025
6/20/2017	<0.0025	<0.0025	<0.0025	<0.0025	
6/21/2017					<0.0025
10/4/2017	<0.0025			<0.0025	
10/5/2017		<0.0025	<0.0025		<0.0025
3/20/2018	<0.0025 (D)	<0.0025	<0.0025	<0.0025	
3/21/2018					<0.0025
10/2/2018	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/26/2019	<0.0025	<0.0025	<0.0025	<0.0025	
3/27/2019					<0.0025
9/10/2019	<0.0025	<0.0025	<0.0025	<0.0025	
9/11/2019					<0.0025
3/18/2020	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
9/9/2020	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
4/1/2021	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
8/11/2021	<0.0025	<0.0025	<0.0025		
8/17/2021					<0.0025
8/18/2021				<0.0025	
2/15/2022	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
8/24/2022			<0.0025	<0.0025	
8/25/2022	<0.0025	<0.0025			<0.0025
2/21/2023					<0.0025
2/27/2023				<0.0025	
2/28/2023	<0.0025	<0.0025	<0.0025		
8/3/2023	<0.0025	<0.0025	<0.0025		
8/9/2023				<0.0025	<0.0025
2/28/2024		<0.0025	<0.0025		
3/1/2024				<0.0025	<0.0025
3/4/2024	<0.0025				
8/6/2024	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025

Time Series

Constituent: Beryllium, Total (mg/L) Analysis Run 12/2/2024 10:20 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
5/9/2010		<0.0025	<0.0025	<0.0025	
5/10/2010	<0.0025				<0.0025
6/16/2010	<0.0025				<0.0025
6/18/2010		<0.0025	<0.0025	<0.0025	
7/26/2010					<0.0025
7/27/2010	<0.0025	<0.0025			
7/28/2010				<0.0025	
7/29/2010			<0.0025		
9/7/2010					<0.0025
9/8/2010	<0.0025	<0.0025			
9/9/2010			<0.0025	<0.0025	
4/26/2011			<0.0025		
4/29/2011	<0.0025	<0.0025			<0.0025
4/30/2011				<0.0025	
10/27/2011	<0.0025				
10/28/2011		<0.0025	<0.0025	<0.0025	<0.0025
5/2/2012					<0.0025
5/3/2012		<0.0025		<0.0025	
5/4/2012	<0.0025		<0.0025		
11/9/2012					<0.0025
11/10/2012	<0.0025	<0.0025		<0.0025	
11/11/2012			<0.0025		
5/8/2013			<0.0025	<0.0025	<0.0025
5/9/2013	<0.0025	<0.0025			
11/5/2013				<0.0025	
11/6/2013	<0.0025	<0.0025			<0.0025
11/7/2013			<0.0025		
5/20/2014	<0.0025	<0.0025	<0.0025	<0.0025	
5/23/2014					<0.0025
11/8/2014					<0.0025
11/12/2014	<0.0025	<0.0025	<0.0025	<0.0025	
5/22/2015					<0.0025
5/23/2015		<0.0025			
5/24/2015	<0.0025		<0.0025	<0.0025	
11/10/2015					<0.0025
11/11/2015				<0.0025	
11/12/2015	<0.0025	<0.0025	<0.0025		
4/11/2016					<0.0025
4/13/2016	<0.0025 (D)	<0.0025 (D)	<0.0025 (D)	<0.0025 (D)	
6/16/2016					<0.0025
6/21/2016	<0.0025	<0.0025	<0.0025	<0.0025	
8/11/2016					<0.0025
8/15/2016	<0.0025	<0.0025	<0.0025	<0.0025	
10/4/2016				<0.0025	
10/5/2016	<0.0025	<0.0025			<0.0025
10/7/2016			<0.0025		
11/29/2016					<0.0025
12/1/2016	<0.0025	<0.0025	<0.0025	<0.0025	
2/7/2017				<0.0025	
2/8/2017	<0.0025	<0.0025			<0.0025
2/9/2017			<0.0025		
4/5/2017		<0.0025			

Time Series

Constituent: Beryllium, Total (mg/L) Analysis Run 12/2/2024 10:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
4/6/2017	<0.0025		<0.0025	<0.0025	<0.0025
6/20/2017	<0.0025	<0.0025		<0.0025	
6/21/2017					<0.0025
6/22/2017			<0.0025		
10/5/2017	<0.0025	<0.0025		<0.0025	<0.0025
10/6/2017			<0.0025		
3/20/2018				<0.0025	<0.0025
3/21/2018	<0.0025	<0.0025 (D)			
3/22/2018			<0.0025		
10/2/2018	<0.0025	<0.0025		<0.0025	<0.0025
10/3/2018			<0.0025		
3/26/2019		<0.0025	<0.0025	<0.0025	<0.0025
3/27/2019	<0.0025				
9/11/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/18/2020	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
9/9/2020				<0.0025	<0.0025
9/10/2020	<0.0025	<0.0025	<0.0025		
4/1/2021	<0.0025	<0.0025		<0.0025	<0.0025
4/6/2021			<0.0025		
8/11/2021	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
2/16/2022	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
8/25/2022	<0.0025				<0.0025
8/26/2022		<0.0025	<0.0025	<0.0025	
2/27/2023	<0.0025	<0.0025	<0.0025	<0.0025	
2/28/2023					<0.0025
8/9/2023	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
2/29/2024	<0.0025	<0.0025			<0.0025
3/1/2024			<0.0025	<0.0025	
8/6/2024	<0.0025	<0.0025	<0.0025		<0.0025
8/8/2024				<0.0025	

Time Series

Constituent: Beryllium, Total (mg/L) Analysis Run 12/2/2024 10:20 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
5/11/2010	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
6/16/2010	<0.0025				
6/17/2010			<0.0025	<0.0025	<0.0025
6/19/2010		<0.0025			
7/27/2010	<0.0025	<0.0025	<0.0025		
7/28/2010				<0.0025	<0.0025
9/7/2010	<0.0025		<0.0025	<0.0025	
9/8/2010					<0.0025
9/9/2010		<0.0025			
4/28/2011		<0.0025			<0.0025
4/29/2011	<0.0025		<0.0025	<0.0025	
10/28/2011	<0.0025	<0.0025	<0.0025	<0.0025	
10/29/2011					<0.0025
5/2/2012	<0.0025				
5/3/2012		<0.0025	<0.0025	<0.0025	<0.0025
11/9/2012	<0.0025	<0.0025		<0.0025	
11/10/2012			<0.0025		<0.0025
5/9/2013	<0.0025	<0.0025	<0.0025		
5/10/2013				<0.0025	<0.0025
11/5/2013		<0.0025			
11/6/2013	<0.0025		<0.0025	<0.0025	<0.0025
5/22/2014	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
11/8/2014	<0.0025				
11/9/2014			<0.0025	<0.0025	<0.0025
11/13/2014		<0.0025			
5/22/2015				<0.0025	<0.0025
5/23/2015	<0.0025				
5/24/2015		<0.0025	<0.0025		
11/10/2015	<0.0025		<0.0025	<0.0025	
11/11/2015		<0.0025			<0.0025
4/11/2016	<0.0025				
4/12/2016		<0.0025	<0.0025	<0.0025 (D)	<0.0025
6/16/2016	<0.0025	<0.0025	<0.0025		
6/20/2016				<0.0025	<0.0025
8/11/2016	<0.0025	<0.0025	<0.0025		
8/12/2016				<0.0025	<0.0025
10/4/2016		<0.0025			
10/5/2016	<0.0025		<0.0025	<0.0025	
10/6/2016					<0.0025
11/29/2016	<0.0025				
11/30/2016		<0.0025	<0.0025	<0.0025	<0.0025
2/7/2017		<0.0025			
2/8/2017	<0.0025		<0.0025	<0.0025	<0.0025
4/5/2017	<0.0025				
4/6/2017		<0.0025	<0.0025	<0.0025	<0.0025
6/20/2017		<0.0025			
6/21/2017	<0.0025		<0.0025	<0.0025	
6/22/2017					<0.0025
10/4/2017		<0.0025			
10/5/2017	<0.0025		<0.0025	<0.0025	
10/6/2017					<0.0025
3/20/2018	<0.0025	<0.0025			

Time Series

Constituent: Beryllium, Total (mg/L) Analysis Run 12/2/2024 10:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
3/21/2018			<0.0025	<0.0025	<0.0025
10/2/2018	<0.0025	<0.0025			
10/3/2018			<0.0025	<0.0025	<0.0025
3/26/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
9/10/2019		<0.0025		<0.0025	<0.0025
9/12/2019	<0.0025		<0.0025		
3/18/2020		<0.0025		<0.0025	
3/19/2020	<0.0025		<0.0025		<0.0025
9/9/2020	<0.0025	<0.0025			
9/10/2020			<0.0025	<0.0025	<0.0025
4/1/2021		<0.0025			
4/2/2021					<0.0025
4/5/2021	<0.0025		<0.0025		
4/6/2021				<0.0025	
8/11/2021	<0.0025		<0.0025		
8/12/2021		<0.0025		<0.0025	<0.0025
2/15/2022		<0.0025		<0.0025	<0.0025
2/16/2022	<0.0025		<0.0025		
8/25/2022	<0.0025		<0.0025	<0.0025	<0.0025
8/26/2022		<0.0025			
2/27/2023		<0.0025			<0.0025
2/28/2023	<0.0025		<0.0025	<0.0025	
8/8/2023	<0.0025		<0.0025		<0.0025
8/9/2023		<0.0025		<0.0025	
2/29/2024	<0.0025				<0.0025
3/1/2024		<0.0025	<0.0025		
3/4/2024				<0.0025	
8/6/2024	<0.0025	<0.0025	<0.0025		
8/7/2024				<0.0025	<0.0025

Time Series

Constituent: Beryllium, Total (mg/L) Analysis Run 12/2/2024 10:20 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
5/10/2010			<0.0025	<0.0025	<0.0025
5/11/2010	<0.0025	<0.0025			
6/16/2010					<0.0025
6/18/2010	<0.0025	<0.0025	<0.0025		
6/19/2010				<0.0025	
7/27/2010	<0.0025	<0.0025			<0.0025
7/28/2010			<0.0025	<0.0025	
9/8/2010				<0.0025	<0.0025
9/9/2010	<0.0025	<0.0025	<0.0025		
4/29/2011	<0.0025				<0.0025
4/30/2011		<0.0025	<0.0025	<0.0025	
10/27/2011				<0.0025	<0.0025
10/28/2011	<0.0025				
10/29/2011		<0.0025	<0.0025		
5/3/2012					<0.0025
5/4/2012	<0.0025	<0.0025	<0.0025	<0.0025	
11/10/2012	<0.0025	<0.0025	<0.0025		
11/11/2012				<0.0025	<0.0025
5/9/2013	<0.0025	<0.0025	<0.0025		<0.0025
5/10/2013				<0.0025	
11/6/2013	<0.0025				<0.0025
11/7/2013		<0.0025	<0.0025	<0.0025	
5/21/2014		<0.0025	<0.0025	<0.0025	<0.0025
5/22/2014	<0.0025				
11/9/2014	<0.0025	<0.0025			
11/12/2014			<0.0025		<0.0025
11/13/2014				<0.0025	
5/23/2015				<0.0025	<0.0025
5/24/2015	<0.0025	<0.0025	<0.0025		
11/11/2015	<0.0025	<0.0025	<0.0025	<0.0025	
11/12/2015					<0.0025
4/12/2016		<0.0025			
4/13/2016			<0.0025 (D)		<0.0025 (D)
4/19/2016	<0.0025			<0.0025	
6/20/2016		<0.0025	<0.0025		
6/22/2016	<0.0025				<0.0025
8/12/2016		<0.0025			
8/15/2016			<0.0025		<0.0025
8/16/2016	<0.0025				
10/6/2016	<0.0025	<0.0025	<0.0025		<0.0025
10/10/2016				<0.0025	
11/30/2016		<0.0025			
12/1/2016	<0.0025		<0.0025	<0.0025	<0.0025
2/8/2017					<0.0025
2/9/2017	<0.0025	<0.0025	<0.0025	<0.0025	
4/6/2017	<0.0025	<0.0025			<0.0025
4/7/2017			<0.0025	<0.0025	
6/21/2017	<0.0025	<0.0025		<0.0025	<0.0025
6/22/2017			<0.0025		
8/15/2017				<0.0025	
9/1/2017				<0.0025	
10/5/2017	<0.0025				<0.0025

Time Series

Constituent: Beryllium, Total (mg/L) Analysis Run 12/2/2024 10:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
10/6/2017		<0.0025	<0.0025		
10/9/2017				<0.0025	
3/21/2018		<0.0025			<0.0025
3/22/2018	<0.0025		<0.0025	<0.0025	
10/2/2018					<0.0025
10/3/2018	<0.0025	<0.0025			
10/4/2018			<0.0025	<0.0025	
3/26/2019		<0.0025			
3/27/2019	<0.0025		<0.0025	<0.0025	<0.0025
9/11/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/18/2020	<0.0025	<0.0025		<0.0025	<0.0025
3/19/2020			<0.0025		
9/9/2020	<0.0025			<0.0025	<0.0025
9/10/2020		<0.0025	0.00018 (J)		
4/1/2021	<0.0025		<0.0025		<0.0025
4/5/2021		<0.0025		0.00038 (J)	
8/11/2021		<0.0025	<0.0025		
8/12/2021	0.00022 (J)			<0.0025	<0.0025
2/15/2022	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
8/25/2022	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
2/27/2023		<0.0025	<0.0025	<0.0025	<0.0025
2/28/2023	<0.0025				
8/8/2023	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
2/29/2024	<0.0025	<0.0025	<0.0025	<0.0025	
3/1/2024					<0.0025
8/6/2024	<0.0025		<0.0025	<0.0025	<0.0025
8/7/2024		<0.0025			

Time Series

Constituent: Boron (mg/L) Analysis Run 12/2/2024 10:20 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
4/6/2016	<0.08	<0.08	<0.08		
4/12/2016				<0.08	
4/13/2016					<0.08 (D)
6/15/2016	<0.08	<0.08	0.0028 (J)		
6/16/2016				<0.08	
6/21/2016					<0.08
8/10/2016	<0.08	<0.08	<0.08		
8/11/2016				<0.08	
8/15/2016					<0.08
10/4/2016	<0.08	<0.08		<0.08	
10/5/2016			<0.08		<0.08
11/29/2016		<0.08	<0.08		
11/30/2016	<0.08			<0.08	
12/1/2016					<0.08
2/7/2017	<0.08	<0.08	<0.08	<0.08	
2/8/2017					<0.08
4/4/2017	<0.08	<0.08	<0.08		
4/5/2017				<0.08	
4/6/2017					<0.08
6/20/2017	<0.08	<0.08	<0.08	<0.08	
6/21/2017					<0.08
10/4/2017	<0.08			<0.08	
10/5/2017		<0.08	<0.08		<0.08
3/20/2018	<0.08 (D)	<0.08	<0.08	<0.08	
3/21/2018					<0.08
10/2/2018	<0.08	<0.08	<0.08	<0.08	<0.08
3/26/2019	<0.08	<0.08	<0.08	<0.08	
3/27/2019					<0.08
9/10/2019	<0.08	<0.08	<0.08	<0.08	
9/11/2019					<0.08
3/18/2020	<0.08	<0.08	<0.08	<0.08	<0.08
9/9/2020	<0.08	<0.08	<0.08	<0.08	<0.08
4/1/2021	<0.08	<0.08	<0.08	0.053 (J)	<0.08
8/11/2021	<0.08	<0.08	<0.08		
8/17/2021					<0.08
8/18/2021				<0.08	
2/15/2022	<0.08	<0.08	<0.08	<0.08	<0.08
8/24/2022			<0.08	<0.08	
8/25/2022	<0.08	<0.08			0.11
12/28/2022					0.098 (R)
2/21/2023					<0.08
2/27/2023				<0.08	
2/28/2023	<0.08	<0.08	<0.08		
8/3/2023	0.03 (J)	<0.08	<0.08		
8/9/2023				<0.08	<0.08
2/28/2024		<0.08	<0.08		
3/1/2024				<0.08	<0.08
3/4/2024	<0.08				
8/6/2024	<0.08	<0.08	<0.08	<0.08	<0.08

Time Series

Constituent: Boron (mg/L) Analysis Run 12/2/2024 10:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
4/11/2016					<0.08
4/13/2016	<0.08 (D)	<0.08 (D)	<0.08 (D)	<0.08 (D)	
6/16/2016					<0.08
6/21/2016	<0.08	<0.08	<0.08	<0.08	
8/11/2016					<0.08
8/15/2016	<0.08	<0.08	<0.08	<0.08	
10/4/2016				<0.08	
10/5/2016	<0.08	<0.08			<0.08
10/7/2016			<0.08		
11/29/2016					<0.08
12/1/2016	<0.08	<0.08	<0.08	<0.08	
2/7/2017				<0.08	
2/8/2017	<0.08	<0.08			<0.08
2/9/2017			<0.08		
4/5/2017		<0.08			
4/6/2017	<0.08		<0.08	<0.08	<0.08
6/20/2017	<0.08	<0.08		<0.08	
6/21/2017					<0.08
6/22/2017			<0.08		
10/5/2017	<0.08	<0.08		<0.08	<0.08
10/6/2017			<0.08		
3/20/2018				<0.08	<0.08
3/21/2018	<0.08	<0.08 (D)			
3/22/2018			<0.08		
10/2/2018	<0.08	<0.08		<0.08	<0.08
10/3/2018			<0.08		
3/26/2019		<0.08	<0.08	<0.08	<0.08
3/27/2019	<0.08				
9/11/2019	<0.08	<0.08	<0.08	<0.08	<0.08
3/18/2020	<0.08	<0.08	<0.08	<0.08	<0.08
9/9/2020				<0.08	<0.08
9/10/2020	<0.08	<0.08	<0.08		
4/1/2021	<0.08	<0.08		<0.08	<0.08
4/6/2021			0.056 (J)		
8/11/2021	<0.08	<0.08	<0.08	<0.08	<0.08
2/16/2022	<0.08	<0.08	<0.08	<0.08	<0.08
8/25/2022	<0.08				<0.08
8/26/2022		<0.08	<0.08	<0.08	
2/27/2023	<0.08	<0.08	<0.08	<0.08	
2/28/2023					<0.08
8/9/2023	<0.08	<0.08	<0.08	<0.08	<0.08
2/29/2024	<0.08	0.024 (J)			<0.08
3/1/2024			<0.08	<0.08	
8/6/2024	<0.08	<0.08	<0.08		<0.08
8/8/2024				<0.08	

Time Series

Constituent: Boron (mg/L) Analysis Run 12/2/2024 10:20 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
4/11/2016	<0.08				
4/12/2016		<0.08	<0.08	<0.08 (D)	<0.08
6/16/2016	<0.08	<0.08	<0.08		
6/20/2016				<0.08	<0.08
8/11/2016	<0.08	<0.08	<0.08		
8/12/2016				<0.08	<0.08
10/4/2016		<0.08			
10/5/2016	<0.08		<0.08	<0.08	
10/6/2016					<0.08
11/29/2016	<0.08				
11/30/2016		<0.08	<0.08	<0.08	<0.08
2/7/2017		<0.08			
2/8/2017	<0.08		<0.08	<0.08	<0.08
4/5/2017	<0.08				
4/6/2017		<0.08	<0.08	<0.08	<0.08
6/20/2017		<0.08			
6/21/2017	<0.08		<0.08	<0.08	
6/22/2017					<0.08
10/4/2017		<0.08			
10/5/2017	<0.08		<0.08	<0.08	
10/6/2017					<0.08
3/20/2018	<0.08	<0.08			
3/21/2018			<0.08	<0.08	<0.08
10/2/2018	<0.08	<0.08			
10/3/2018			<0.08	<0.08	<0.08
3/26/2019	<0.08	<0.08	<0.08	<0.08	<0.08
9/10/2019		<0.08		<0.08	<0.08
9/12/2019	<0.08		<0.08		
3/18/2020		<0.08		<0.08	
3/19/2020	<0.08		<0.08		<0.08
9/9/2020	<0.08	<0.08			
9/10/2020			<0.08	<0.08	<0.08
4/1/2021		<0.08			
4/2/2021					<0.08
4/5/2021	<0.08		<0.08		
4/6/2021				0.078 (J)	
8/11/2021	<0.08		<0.08		
8/12/2021		<0.08		<0.08	<0.08
2/15/2022		<0.08		<0.08	<0.08
2/16/2022	<0.08		<0.08		
8/25/2022	<0.08		0.12	<0.08	<0.08
8/26/2022		<0.08			
12/28/2022			<0.08 (R)		
2/27/2023		<0.08			<0.08
2/28/2023	<0.08		<0.08	<0.08	
8/8/2023	<0.08		<0.08		<0.08
8/9/2023		<0.08		<0.08	
2/29/2024	<0.08				<0.08
3/1/2024		0.023 (J)	0.025 (J)		
3/4/2024				<0.08	
8/6/2024	<0.08	<0.08	<0.08		
8/7/2024				<0.08	0.13

Time Series

Constituent: Boron (mg/L) Analysis Run 12/2/2024 10:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
11/6/2024					0.022 (J,R)

Time Series

Constituent: Boron (mg/L) Analysis Run 12/2/2024 10:20 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
4/12/2016		<0.08			
4/13/2016			<0.08 (D)		0.0774 (JD)
4/19/2016	<0.1			0.145	
6/20/2016		<0.08	<0.08		
6/22/2016	0.238				0.0663 (J)
8/12/2016		<0.08			
8/15/2016			<0.08		0.093
8/16/2016	0.39				
10/6/2016	0.34	<0.08	<0.08		0.096
10/10/2016				0.12	
11/30/2016		<0.08			
12/1/2016	0.37		<0.08	0.12	0.12
2/8/2017					0.094
2/9/2017	0.38	<0.08	<0.08	0.13	
4/6/2017	0.4	<0.08			0.11
4/7/2017			<0.08	0.21	
6/21/2017	0.39	<0.08		0.23	0.1
6/22/2017			<0.08		
8/15/2017				0.27	
9/1/2017				0.24	
10/5/2017	0.47				0.083
10/6/2017		<0.08	<0.08		
3/21/2018		<0.08			0.089
3/22/2018	0.48		<0.08	0.25	
10/2/2018					0.083
10/3/2018	0.47	<0.08			
10/4/2018			<0.08	0.21	
3/26/2019		<0.08			
3/27/2019	0.33		<0.08	0.16	0.067
9/11/2019	0.31	<0.08	<0.08	0.21	0.083
3/18/2020	0.26	<0.08		0.16	0.058 (J)
3/19/2020			<0.08		
9/9/2020	0.24			0.13	0.088
9/10/2020		<0.08	<0.08		
4/1/2021	0.23		<0.08		0.059 (J)
4/5/2021		0.042 (J)		0.18	
8/11/2021		0.057 (J)	0.056 (J)		
8/12/2021	0.19			0.23	0.1
2/15/2022	0.19	<0.08	<0.08	0.13	0.07 (J)
8/25/2022	0.19	<0.08	<0.08	0.18	0.13
2/27/2023		<0.08	<0.08	0.14	0.082
2/28/2023	0.19				
8/8/2023	0.15	<0.08	<0.08	0.14	0.087
2/29/2024	0.17	<0.08	<0.08	0.15	
3/1/2024					0.085
8/6/2024	0.14		<0.08	0.19	0.12
8/7/2024		0.085			
11/6/2024		<0.08 (R)			

Time Series

Constituent: Cadmium, Total (mg/L) Analysis Run 12/2/2024 10:20 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
5/8/2010			<0.0025		
5/9/2010	<0.0025	<0.0025			
5/10/2010					<0.0025
5/11/2010				<0.0025	
6/16/2010		<0.0025	<0.0025		<0.0025
6/17/2010				<0.0025	
6/18/2010	<0.0025				
7/26/2010			<0.0025		
7/27/2010		<0.0025		<0.0025	
7/28/2010	<0.0025				<0.0025
9/7/2010		<0.0025	<0.0025		
9/8/2010					<0.0025
9/9/2010	<0.0025			<0.0025	
4/28/2011				<0.0025	
4/29/2011		<0.0025	<0.0025		<0.0025
4/30/2011	<0.0025				
10/27/2011					<0.0025
10/28/2011	<0.0025	<0.0025	<0.0025		
10/29/2011				<0.0025	
5/2/2012	<0.0025	<0.0025	<0.0025		
5/3/2012				<0.0025	
5/4/2012					<0.0025
11/9/2012	<0.0025	<0.0025	<0.0025	<0.0025	
11/11/2012					<0.0025
5/8/2013	<0.0025	<0.0025	<0.0025		
5/9/2013				<0.0025	<0.0025
11/5/2013	<0.0025			<0.0025	<0.0025
11/6/2013		<0.0025	<0.0025		
5/20/2014	<0.0025	<0.0025	<0.0025		
5/21/2014					<0.0025
5/23/2014				<0.0025	
11/8/2014		<0.0025	<0.0025		
11/12/2014	<0.0025				<0.0025
11/13/2014				<0.0025	
5/22/2015	<0.0025	<0.0025	<0.0025		
5/23/2015				<0.0025	<0.0025
11/9/2015		<0.0025	<0.0025		
11/11/2015	<0.0025			<0.0025	
11/12/2015					<0.0025
4/6/2016	<0.0025	<0.0025	<0.0025		
4/12/2016				<0.0025	
4/13/2016					<0.0025 (D)
6/15/2016	<0.0025	<0.0025	<0.0025		
6/16/2016				<0.0025	
6/21/2016					<0.0025
8/10/2016	<0.0025	<0.0025	<0.0025		
8/11/2016				<0.0025	
8/15/2016					<0.0025
10/4/2016	<0.0025	<0.0025		<0.0025	
10/5/2016			<0.0025		<0.0025
11/29/2016		<0.0025	<0.0025		
11/30/2016	<0.0025			<0.0025	

Time Series

Constituent: Cadmium, Total (mg/L) Analysis Run 12/2/2024 10:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
12/1/2016					<0.0025
2/7/2017	<0.0025	<0.0025	<0.0025	<0.0025	
2/8/2017					<0.0025
4/4/2017	<0.0025	<0.0025	<0.0025		
4/5/2017				<0.0025	
4/6/2017					<0.0025
6/20/2017	<0.0025	<0.0025	<0.0025	<0.0025	
6/21/2017					<0.0025
10/4/2017	<0.0025			<0.0025	
10/5/2017		<0.0025	<0.0025		<0.0025
3/20/2018	<0.0025 (D)	<0.0025	<0.0025	<0.0025	
3/21/2018					<0.0025
10/2/2018	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/26/2019	<0.0025	<0.0025	<0.0025	<0.0025	
3/27/2019					<0.0025
9/10/2019	<0.0025	<0.0025	0.00013 (J)	<0.0025	
9/11/2019					<0.0025
3/18/2020	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
9/9/2020	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
4/1/2021	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
8/11/2021	<0.0025	<0.0025	<0.0025		
8/17/2021					<0.0025
8/18/2021				<0.0025	
2/15/2022	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
8/24/2022			<0.0025	<0.0025	
8/25/2022	<0.0025	<0.0025			<0.0025
2/21/2023					<0.0025
2/27/2023				<0.0025	
2/28/2023	<0.0025	<0.0025	<0.0025		
8/3/2023	<0.0025	<0.0025	<0.0025		
8/9/2023				<0.0025	<0.0025
2/28/2024		<0.0025	<0.0025		
3/1/2024				<0.0025	<0.0025
3/4/2024	<0.0025				
8/6/2024	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025

Time Series

Constituent: Cadmium, Total (mg/L) Analysis Run 12/2/2024 10:20 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
5/9/2010		<0.0025	<0.0025	<0.0025	
5/10/2010	<0.0025				<0.0025
6/16/2010	<0.0025				<0.0025
6/18/2010		<0.0025	<0.0025	<0.0025	
7/26/2010					<0.0025
7/27/2010	<0.0025	<0.0025			
7/28/2010				<0.0025	
7/29/2010			<0.0025		
9/7/2010					<0.0025
9/8/2010	<0.0025	<0.0025			
9/9/2010			<0.0025	<0.0025	
4/26/2011			<0.0025		
4/29/2011	<0.0025	<0.0025			<0.0025
4/30/2011				<0.0025	
10/27/2011	<0.0025				
10/28/2011		<0.0025	<0.0025	<0.0025	<0.0025
5/2/2012					<0.0025
5/3/2012		<0.0025		<0.0025	
5/4/2012	<0.0025		<0.0025		
11/9/2012					<0.0025
11/10/2012	<0.0025	<0.0025		<0.0025	
11/11/2012			<0.0025		
5/8/2013			<0.0025	<0.0025	<0.0025
5/9/2013	<0.0025	<0.0025			
11/5/2013				<0.0025	
11/6/2013	<0.0025	<0.0025			<0.0025
11/7/2013			<0.0025		
5/20/2014	<0.0025	<0.0025	<0.0025	<0.0025	
5/23/2014					<0.0025
11/8/2014					<0.0025
11/12/2014	<0.0025	<0.0025	<0.0025	<0.0025	
5/22/2015					<0.0025
5/23/2015		<0.0025			
5/24/2015	<0.0025		<0.0025	<0.0025	
11/10/2015					<0.0025
11/11/2015				<0.0025	
11/12/2015	<0.0025	<0.0025	<0.0025		
4/11/2016					<0.0025
4/13/2016	<0.0025 (D)	<0.0025 (D)	<0.0025 (D)	<0.0025 (D)	
6/16/2016					<0.0025
6/21/2016	<0.0025	<0.0025	<0.0025	<0.0025	
8/11/2016					<0.0025
8/15/2016	<0.0025	<0.0025	<0.0025	<0.0025	
10/4/2016				<0.0025	
10/5/2016	<0.0025	<0.0025			<0.0025
10/7/2016			<0.0025		
11/29/2016					<0.0025
12/1/2016	<0.0025	<0.0025	<0.0025	<0.0025	
2/7/2017				<0.0025	
2/8/2017	<0.0025	<0.0025			<0.0025
2/9/2017			<0.0025		
4/5/2017		<0.0025			

Time Series

Constituent: Cadmium, Total (mg/L) Analysis Run 12/2/2024 10:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
4/6/2017	<0.0025		<0.0025	<0.0025	<0.0025
6/20/2017	<0.0025	<0.0025		<0.0025	
6/21/2017					<0.0025
6/22/2017			<0.0025		
10/5/2017	<0.0025	<0.0025		<0.0025	<0.0025
10/6/2017			<0.0025		
3/20/2018				<0.0025	<0.0025
3/21/2018	<0.0025	<0.0025 (D)			
3/22/2018			<0.0025		
10/2/2018	<0.0025	<0.0025		<0.0025	<0.0025
10/3/2018			<0.0025		
3/26/2019		<0.0025	<0.0025	<0.0025	<0.0025
3/27/2019	<0.0025				
9/11/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/18/2020	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
9/9/2020				<0.0025	<0.0025
9/10/2020	0.001 (J)	<0.0025	<0.0025		
4/1/2021	<0.0025	<0.0025		<0.0025	<0.0025
4/6/2021			<0.0025		
8/11/2021	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
2/16/2022	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
8/25/2022	<0.0025				<0.0025
8/26/2022		<0.0025	<0.0025	<0.0025	
2/27/2023	<0.0025	<0.0025	<0.0025	<0.0025	
2/28/2023					<0.0025
8/9/2023	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
2/29/2024	<0.0025	<0.0025			<0.0025
3/1/2024			<0.0025	<0.0025	
8/6/2024	<0.0025	<0.0025	<0.0025		<0.0025
8/8/2024				<0.0025	

Time Series

Constituent: Cadmium, Total (mg/L) Analysis Run 12/2/2024 10:20 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
5/11/2010	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
6/16/2010	<0.0025				
6/17/2010			<0.0025	<0.0025	<0.0025
6/19/2010		<0.0025			
7/27/2010	<0.0025	<0.0025	<0.0025		
7/28/2010				<0.0025	<0.0025
9/7/2010	<0.0025		<0.0025	<0.0025	
9/8/2010					<0.0025
9/9/2010		<0.0025			
4/28/2011		<0.0025			<0.0025
4/29/2011	<0.0025		<0.0025	<0.0025	
10/28/2011	<0.0025	<0.0025	<0.0025	<0.0025	
10/29/2011					<0.0025
5/2/2012	<0.0025				
5/3/2012		<0.0025	<0.0025	<0.0025	<0.0025
11/9/2012	<0.0025	<0.0025		<0.0025	
11/10/2012			<0.0025		<0.0025
5/9/2013	<0.0025	<0.0025	<0.0025		
5/10/2013				<0.0025	<0.0025
11/5/2013		<0.0025			
11/6/2013	<0.0025		<0.0025	<0.0025	<0.0025
5/22/2014	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
11/8/2014	<0.0025				
11/9/2014			<0.0025	<0.0025	<0.0025
11/13/2014		<0.0025			
5/22/2015				<0.0025	<0.0025
5/23/2015	<0.0025				
5/24/2015		<0.0025	<0.0025		
11/10/2015	<0.0025		<0.0025	<0.0025	
11/11/2015		<0.0025			<0.0025
4/11/2016	<0.0025				
4/12/2016		<0.0025	<0.0025	<0.0025 (D)	<0.0025
6/16/2016	<0.0025	<0.0025	<0.0025		
6/20/2016				<0.0025	<0.0025
8/11/2016	<0.0025	<0.0025	<0.0025		
8/12/2016				<0.0025	<0.0025
10/4/2016		<0.0025			
10/5/2016	<0.0025		<0.0025	<0.0025	
10/6/2016					<0.0025
11/29/2016	<0.0025				
11/30/2016		<0.0025	<0.0025	<0.0025	<0.0025
2/7/2017		<0.0025			
2/8/2017	<0.0025		<0.0025	<0.0025	<0.0025
4/5/2017	<0.0025				
4/6/2017		<0.0025	<0.0025	<0.0025	<0.0025
6/20/2017		<0.0025			
6/21/2017	<0.0025		<0.0025	<0.0025	
6/22/2017					<0.0025
10/4/2017		<0.0025			
10/5/2017	<0.0025		<0.0025	<0.0025	
10/6/2017					<0.0025
3/20/2018	<0.0025	<0.0025			

Time Series

Constituent: Cadmium, Total (mg/L) Analysis Run 12/2/2024 10:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
3/21/2018			<0.0025	<0.0025	<0.0025
10/2/2018	<0.0025	<0.0025			
10/3/2018			<0.0025	<0.0025	<0.0025
3/26/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
9/10/2019		<0.0025		<0.0025	<0.0025
9/12/2019	<0.0025		<0.0025		
3/18/2020		<0.0025		<0.0025	
3/19/2020	<0.0025		<0.0025		<0.0025
9/9/2020	<0.0025	<0.0025			
9/10/2020			<0.0025	<0.0025	<0.0025
4/1/2021		0.00038 (J)			
4/2/2021					<0.0025
4/5/2021	<0.0025		<0.0025		
4/6/2021				<0.0025	
8/11/2021	<0.0025		<0.0025		
8/12/2021		<0.0025		<0.0025	<0.0025
2/15/2022		<0.0025		<0.0025	<0.0025
2/16/2022	<0.0025		<0.0025		
8/25/2022	<0.0025		<0.0025	<0.0025	<0.0025
8/26/2022		<0.0025			
2/27/2023		<0.0025			<0.0025
2/28/2023	<0.0025		<0.0025	<0.0025	
8/8/2023	<0.0025		<0.0025		<0.0025
8/9/2023		<0.0025		<0.0025	
2/29/2024	<0.0025				<0.0025
3/1/2024		<0.0025	<0.0025		
3/4/2024				<0.0025	
8/6/2024	<0.0025	<0.0025	<0.0025		
8/7/2024				<0.0025	<0.0025

Time Series

Constituent: Cadmium, Total (mg/L) Analysis Run 12/2/2024 10:20 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
5/10/2010			<0.0025	<0.0025	<0.0025
5/11/2010	<0.0025	<0.0025			
6/16/2010					<0.0025
6/18/2010	<0.0025	<0.0025	<0.0025		
6/19/2010				<0.0025	
7/27/2010	<0.0025	<0.0025			<0.0025
7/28/2010			<0.0025	<0.0025	
9/8/2010				0.001	<0.0025
9/9/2010	<0.0025	<0.0025	<0.0025		
4/29/2011	<0.0025				<0.0025
4/30/2011		<0.0025	<0.0025	0.0014	
10/27/2011				0.0011	<0.0025
10/28/2011	<0.0025				
10/29/2011		<0.0025	<0.0025		
5/3/2012					<0.0025
5/4/2012	<0.0025	<0.0025	<0.0025	<0.0025	
11/10/2012	<0.0025	<0.0025	<0.0025		
11/11/2012				<0.0025	<0.0025
5/9/2013	<0.0025	<0.0025	<0.0025		<0.0025
5/10/2013				0.0016	
11/6/2013	<0.0025				<0.0025
11/7/2013		<0.0025	<0.0025	0.001	
5/21/2014		<0.0025	<0.0025	<0.0025	<0.0025
5/22/2014	<0.0025				
11/9/2014	<0.0025	<0.0025			
11/12/2014			<0.0025		<0.0025
11/13/2014				<0.0025	
5/23/2015				<0.0025	<0.0025
5/24/2015	<0.0025	<0.0025	<0.0025		
11/11/2015	<0.0025	<0.0025	<0.0025	<0.0025	
11/12/2015					<0.0025
4/12/2016		<0.0025			
4/13/2016			<0.0025 (D)		<0.0025 (D)
4/19/2016	<0.0025			0.000379 (J)	
6/20/2016		<0.0025	<0.0025		
6/22/2016	<0.0025				<0.0025
8/12/2016		<0.0025			
8/15/2016			<0.0025		<0.0025
8/16/2016	<0.0025				
10/6/2016	<0.0025	<0.0025	<0.0025		<0.0025
10/10/2016				<0.0025	
11/30/2016		<0.0025			
12/1/2016	<0.0025		<0.0025	<0.0025	<0.0025
2/8/2017					<0.0025
2/9/2017	<0.0025	<0.0025	<0.0025	0.00037 (J)	
4/6/2017	<0.0025	<0.0025			<0.0025
4/7/2017			<0.0025	<0.0025	
6/21/2017	<0.0025	<0.0025		<0.0025	<0.0025
6/22/2017			<0.0025		
8/15/2017				<0.0025	
9/1/2017				<0.0025	
10/5/2017	<0.0025				<0.0025

Time Series

Constituent: Cadmium, Total (mg/L) Analysis Run 12/2/2024 10:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
10/6/2017		<0.0025	<0.0025		
10/9/2017				<0.0025	
3/21/2018		<0.0025			<0.0025
3/22/2018	<0.0025		<0.0025	<0.0025	
10/2/2018					<0.0025
10/3/2018	<0.0025	<0.0025			
10/4/2018			<0.0025	<0.0025	
3/26/2019		<0.0025			
3/27/2019	<0.0025		<0.0025	<0.0025	<0.0025
9/11/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/18/2020	<0.0025	<0.0025		<0.0025	<0.0025
3/19/2020			<0.0025		
9/9/2020	<0.0025			<0.0025	<0.0025
9/10/2020		<0.0025	<0.0025		
4/1/2021	<0.0025		<0.0025		<0.0025
4/5/2021		<0.0025		0.0003 (J)	
8/11/2021		<0.0025	<0.0025		
8/12/2021	<0.0025			<0.0025	<0.0025
2/15/2022	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
8/25/2022	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
2/27/2023		<0.0025	<0.0025	<0.0025	<0.0025
2/28/2023	<0.0025				
8/8/2023	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
2/29/2024	<0.0025	<0.0025	<0.0025	<0.0025	
3/1/2024					<0.0025
8/6/2024	<0.0025		<0.0025	<0.0025	<0.0025
8/7/2024		<0.0025			

Time Series

Constituent: Calcium (mg/L) Analysis Run 12/2/2024 10:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
4/6/2016	3.62	12.1	6.58		
4/12/2016				17.1	
4/13/2016					15.6 (D)
6/15/2016	4.5	11.8	6.9		
6/16/2016				19.8	
6/21/2016					14.4
8/10/2016	3.8	10	5.5		
8/11/2016				15	
8/15/2016					14
10/4/2016	5.3	14		17	
10/5/2016			6.8		17
11/29/2016		10	4.8		
11/30/2016	4.7			16	
12/1/2016					15
2/7/2017	3.8	12	7.8	17	
2/8/2017					17
4/4/2017	3.8	11	6.4		
4/5/2017				16	
4/6/2017					16
6/20/2017	4.1	11	7	17	
6/21/2017					16 (D)
10/4/2017	4.6			19	
10/5/2017		13	6.6		19
3/20/2018	4.2 (D)	12	6.6	18	
3/21/2018					17
10/2/2018	4.2	11	5.8	16	17
3/26/2019	4	11	6.7	16	
3/27/2019					16
9/10/2019	4.8	12	7.5	17	
9/11/2019					18
3/18/2020	3.8	12	7.3	19	20
9/9/2020	4	11	7.3	17	20
4/1/2021	4	12	7.8	18	19
8/11/2021	4.1	11	7.3		
8/17/2021					18
8/18/2021				18	
2/15/2022	3.6	10	7.1	16	17
8/24/2022			8.9	17	
8/25/2022	4.9	13			20
2/21/2023					20
2/27/2023				19	
2/28/2023	4.1	13	8.7		
8/3/2023	4.7	13	8.3		
8/9/2023				18	18
2/28/2024		15	9		
3/1/2024				18	20
3/4/2024	3.8				
8/6/2024	4.2	15	9	18	19

Time Series

Constituent: Calcium (mg/L) Analysis Run 12/2/2024 10:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
4/11/2016					10.5
4/13/2016	12.8 (D)	1.18 (D)	5.71 (D)	6.55 (D)	
6/16/2016					11.6
6/21/2016	11.6	1.12	5.54	6.04	
8/11/2016					10
8/15/2016	11	0.95	5.8	5.9	
10/4/2016				6.6	
10/5/2016	14	1			11
10/7/2016			6.1		
11/29/2016					9.6
12/1/2016	12	0.92	5.8	5.4	
2/7/2017				6.1	
2/8/2017	13	1.2			10
2/9/2017			6.3		
4/5/2017		1.1			
4/6/2017	12		5.8	6.1	9.7
6/20/2017	13	0.96		6.6	
6/21/2017					9.7 (D)
6/22/2017			6.4 (D)		
10/5/2017	14	1.1		7.2	11
10/6/2017			7.4		
3/20/2018				6.6	11
3/21/2018	13	1.3 (D)			
3/22/2018			6.8		
10/2/2018	12	0.86		6.5	9.6
10/3/2018			6.4		
3/26/2019		1.1	6.3	6.4	9.6
3/27/2019	12				
9/11/2019	13	0.94	7	7.3	10
3/18/2020	14	1.6	9.3	6.9	11
9/9/2020				6.5	10
9/10/2020	13	1.1	6.7		
4/1/2021	13	1.2		6.2	11
4/6/2021			7.4		
8/11/2021	13	1	6.7	6.9	10
2/16/2022	12	1.1	6.7	6.3	9.7
8/25/2022	14				11
8/26/2022		0.99	7.5	7	
2/27/2023	14	1.2	8.1	7.3	
2/28/2023					11
8/9/2023	14	1.1	7.7	7.2	11
2/29/2024	14	1.4			11
3/1/2024			7.6	7.6	
8/6/2024	13	1.1	7.4		11
8/8/2024				8.3	

Time Series

Constituent: Calcium (mg/L) Analysis Run 12/2/2024 10:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
4/11/2016	10.4				
4/12/2016		17	13.5	8.52 (D)	11
6/16/2016	12.2	19.7	15		
6/20/2016				7.7	10.1
8/11/2016	9.5	15	12		
8/12/2016				7.3	9.9
10/4/2016		18			
10/5/2016	11		14	8.4	
10/6/2016					12
11/29/2016	9.8				
11/30/2016		16	12	8	11
2/7/2017		18			
2/8/2017	10		14	9.3	13
4/5/2017	10				
4/6/2017		16	13	8.1	12
6/20/2017		17			
6/21/2017	10 (D)		13 (D)	9.2 (D)	
6/22/2017					13 (D)
10/4/2017		19			
10/5/2017	12		15	10	
10/6/2017					15
3/20/2018	12	18			
3/21/2018			14	9.3	15
10/2/2018	11	16			
10/3/2018			13	7.5	13
3/26/2019	11	17	12	7.3	13
9/10/2019		18		6.6	12
9/12/2019	14		14		
3/18/2020		18		5.9	
3/19/2020	14		14		14
9/9/2020	15	17			
9/10/2020			13	6.3	13
4/1/2021		17			
4/2/2021					15
4/5/2021	15		14		
4/6/2021				7.4	
8/11/2021			14		
8/12/2021		17		6.6	13
10/7/2021	17				
2/15/2022		16		6	15
2/16/2022	15		13		
8/25/2022	18		15	5.5	17
8/26/2022		18			
12/28/2022	19 (R)				20 (R)
2/27/2023		19			26
2/28/2023	18		16	5.9	
8/8/2023	18		16		25
8/9/2023		18		6.7	
2/29/2024	19				31
3/1/2024		18	17		
3/4/2024				8.9	
8/6/2024	20	19	17		

Time Series

Constituent: Calcium (mg/L) Analysis Run 12/2/2024 10:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
8/7/2024				10	29

Time Series

Constituent: Calcium (mg/L) Analysis Run 12/2/2024 10:20 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
4/12/2016		17.8			
4/13/2016			14 (D)		18 (D)
4/19/2016	198			20	
6/20/2016		19.5	13.8		
6/22/2016	132				16.7
8/12/2016		17			
8/15/2016			13		16
8/16/2016	94				
10/6/2016	100	19	14		17
10/10/2016				19	
11/30/2016		19			
12/1/2016	100		13	18	17
2/8/2017					18
2/9/2017	120	18	14	20	
4/6/2017	140	18			17
4/7/2017			14	27	
6/21/2017	160 (D)	19 (D)		27 (D)	17 (D)
6/22/2017			14 (D)		
8/15/2017				29	
9/1/2017				32	
10/5/2017	130				19
10/6/2017		19	16		
3/21/2018		19			19
3/22/2018	130		15	30	
10/2/2018					16
10/3/2018	88	16			
10/4/2018			13	37	
3/26/2019		16			
3/27/2019	75		14	47	16
9/11/2019	46	19	14	37	17
3/18/2020	61	15		53	16
3/19/2020			15		
9/9/2020	35			64	16
9/10/2020		16	15		
4/1/2021	40		15		16
4/5/2021		16		52	
8/11/2021		16	14		
8/12/2021	46			37	18
2/15/2022	36	15	13	49	16
8/25/2022	37	19	16	39	21
12/28/2022					18 (R)
2/27/2023		17	16	64	20
2/28/2023	34				
8/8/2023	30	15	15	53	18
2/29/2024	30	20	17	49	
3/1/2024					20
5/7/2024			17 (R)		
5/20/2024		14 (R)			
8/6/2024	30		17	36	22
8/7/2024		16			
11/6/2024					23 (R)

Time Series

Constituent: Chloride (mg/L) Analysis Run 12/2/2024 10:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
4/6/2016	5.342	1.789	1.69		
4/12/2016				4.32	
4/13/2016					2.04 (D)
6/15/2016	5.2	2.1	1.9		
6/16/2016				3.8	
6/21/2016					2.2
8/10/2016	5.5	1.8	1.7		
8/11/2016				4	
8/15/2016					2.2
10/4/2016	5.4	1.7		3.6	
10/5/2016			1.6		2.1
11/29/2016		1.7	1.7		
11/30/2016	5.4			3.8	
12/1/2016					2.1
2/7/2017	5.1	1.6	1.6	4.3	
2/8/2017					2.3
4/4/2017	5.1	1.6	1.5		
4/5/2017				4.1	
4/6/2017					2.2
6/20/2017	5.2	1.6	1.5	3.9	
6/21/2017					2.3
10/4/2017	5.2			3.6	
10/5/2017		1.5	1.5		2.3
3/20/2018	5.6 (D)	1.5	1.4	3.9	
3/21/2018					2.3
10/2/2018	6.3	1.6	1.5	3.7	2.6
3/26/2019	5.5	1.5	1.3	3.6	
3/27/2019					2.4
9/10/2019	5.2	1.4	1.3	2.9	
9/11/2019					2.9
3/18/2020	5.4	1.7	2	4.2	4.1
9/9/2020	6.1	1.6	1.3	3.9	4.3
4/1/2021	7	1.8	1.5	4.2	4.4
8/11/2021	7.2	1.8	1.4		
8/17/2021					3.1
8/18/2021				4	
2/15/2022	6.5	1.6	1.4	4	4.6
8/24/2022			1.4	3.6	
8/25/2022	6.9	1.6			5
2/21/2023					4.3
2/27/2023				3.8	
2/28/2023	6.3	1.7	1.4		
8/3/2023	6.3	1.6	1.3		
8/9/2023				3.5	3.7
2/28/2024		1.6	1.4		
3/1/2024				4.2	5
3/4/2024	5.6				
8/6/2024	6	1.7	1.4	3.5	5.2

Time Series

Constituent: Chloride (mg/L) Analysis Run 12/2/2024 10:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
4/11/2016					2.53
4/13/2016	1.78 (D)	1.8 (D)	1.82 (D)	2.71 (D)	
6/16/2016					2.5
6/21/2016	2	2	1.9	3	
8/11/2016					2.6
8/15/2016	1.9	1.8	1.6	3.1	
10/4/2016				3	
10/5/2016	1.8	1.7			2.5
10/7/2016			1.5		
11/29/2016					2.4
12/1/2016	1.8	1.7	1.4	3.1	
2/7/2017				2.9	
2/8/2017	1.8	1.7			2.5
2/9/2017			1.5		
4/5/2017		1.7			
4/6/2017	1.7		1.4	2.7	2.4
6/20/2017	1.7	1.6		2.9	
6/21/2017					2.4
6/22/2017			1.5		
10/5/2017	1.7	1.6		2.8	2.3
10/6/2017			1.3		
3/20/2018				2.7	2.3
3/21/2018	1.6	1.6 (D)			
3/22/2018			1.4		
10/2/2018	1.7	1.6		3	2.5
10/3/2018			1.5		
3/26/2019		1.7	1.6	2.5	2.7
3/27/2019	1.5				
9/11/2019	1.8	1.9	1.5	3.1	2.6
3/18/2020	1.9	2.1	1.6	3	2.7
9/9/2020				2.9	2.8
9/10/2020	1.9	1.8	1.7		
4/1/2021	1.9	2		3.8	2.8
4/6/2021			1.8		
8/11/2021	1.8	1.8	1.6	3.7	2.9
2/16/2022	1.7	1.9	1.5	3.2	2.7
8/25/2022	1.8				2.8
8/26/2022		1.7	1.5	3.3	
2/27/2023	1.8	1.9	1.5	3.5	
2/28/2023					2.8
8/9/2023	1.7	1.8	1.4	3.5	2.6
2/29/2024	2.2	2.3			3.2
3/1/2024			1.8	4.7	
8/6/2024	1.9	2	1.5		2.8
8/8/2024				4.4	

Time Series

Constituent: Chloride (mg/L) Analysis Run 12/2/2024 10:20 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
4/11/2016	1.84				
4/12/2016		2.34	2.03	3.04 (D)	4.57
6/16/2016	1.9	2.4	2.2		
6/20/2016				3.1	3.1
8/11/2016	1.9	2.4	2.1		
8/16/2016				3.2	3.2
10/4/2016		2.2			
10/5/2016	1.7		1.9	3.2	
10/6/2016					3.4
11/29/2016	1.7				
11/30/2016		2.2	2	3.3	4.1
2/7/2017		2.1			
2/8/2017	1.7		2	3.5	7.2
4/5/2017	1.7				
4/6/2017		2.1	<1	3.4	7.4
6/20/2017		2.1			
6/21/2017	1.7		1.9	3.5	
6/22/2017					7.8
10/4/2017		2			
10/5/2017	1.6		1.9	3.5	
10/6/2017					9.1
3/20/2018	1.6	2			
3/21/2018			1.8	3.4	13
10/2/2018	1.7	2			
10/3/2018			2	3.5	13
3/26/2019	1.8	1.9	1.9	3	9.2
9/10/2019		1.7		2.5	5.1
9/12/2019	1.5		1.6		
3/18/2020		2.4		2.8	
3/19/2020	2.2		2.2		8.7
9/9/2020	2.4	2			
9/10/2020			2.1	2.7	9.7
4/1/2021		2.5			
4/2/2021					11
4/6/2021				2.9	
6/1/2021	2.6		2.1		
8/11/2021	2.8		2.1		
8/12/2021		2.5		3.3	12
2/15/2022		2.2		2.7	11
2/16/2022	2.4		2		
8/25/2022	2.4		2.1	3.2	11
8/26/2022		2.1			
2/27/2023		2.2			16
2/28/2023	2.6		2.2	3.1	
5/2/2023					24
8/8/2023	2.6		2.2		16
8/9/2023		2.1		3.2	
2/29/2024	3.1				21
3/1/2024		2.5	2.5		
3/4/2024				3	
5/20/2024					28 (R)
8/6/2024	2.8	2.2	2.3		

Time Series

Constituent: Chloride (mg/L) Analysis Run 12/2/2024 10:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
8/7/2024				2.7	19

Time Series

Constituent: Chloride (mg/L) Analysis Run 12/2/2024 10:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
4/13/2016			1.68 (D)		3.64 (D)
4/19/2016	124 (o)			6.9	
6/20/2016		6.8	2		
6/22/2016	81				3.8
8/15/2016			1.8		3.7
8/16/2016	71	7.6			
10/6/2016	68	7.3	1.7		3.4
10/10/2016				7.2	
11/30/2016		7.1			
12/1/2016	74		1.7	7.1	4
2/8/2017					4
2/9/2017	76	5.8	1.7	7.2	
4/6/2017	92	5.7			4
4/7/2017			1.7	7.5	
6/21/2017	100	6.1		7.6	3.3
6/22/2017			1.6		
8/15/2017				7.8	
9/1/2017				7.6	
10/5/2017	67				3.3
10/6/2017		5.1	1.6		
3/21/2018		5.4			3.6
3/22/2018	74		1.6	7	
10/2/2018					3.1
10/3/2018	46	5.7			
10/4/2018			1.7	6.1	
3/26/2019		4.2			
3/27/2019	42		1.7	6.6	3
9/11/2019	19	7.2	2.1	7	3.4
3/18/2020	30	4		8.5	3.4
3/19/2020			2.1		
9/9/2020	8.7			11	3.2
9/10/2020		6.3	2.5		
4/1/2021	18		2.9		4.3
6/1/2021				9.4	
6/2/2021		6.3			
8/11/2021		6.5	3		
8/12/2021	22			7.8	4.1
2/15/2022	16	6.1	2.7	9.1	3.7
8/25/2022	12	6.2	3	7.5	4.2
2/27/2023		5.2	3.5	8.8	4.2
2/28/2023	11				
8/8/2023	8.2	5.5	3.8	8.2	4
2/29/2024	8.2	7	4.8	8.1	
3/1/2024					5.2
8/6/2024	8.1		4.9	6.8	5.2
8/7/2024		5.9			

Time Series

Constituent: Chromium, Total (mg/L) Analysis Run 12/2/2024 10:20 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
5/8/2010			0.0032 (J)		
5/9/2010	<0.002	0.003 (J)			
5/10/2010					0.011
5/11/2010				0.0077	
6/16/2010		0.0042 (J)	0.0037 (J)		0.0095
6/17/2010				0.0053	
6/18/2010	<0.002				
7/26/2010			0.0058		
7/27/2010		0.0048 (J)		0.0085	
7/28/2010	<0.002				0.01
9/7/2010		0.0037 (J)	0.0078		
9/8/2010					0.011
9/9/2010	<0.002			0.0076	
4/28/2011				0.0048 (J)	
4/29/2011		0.0046 (J)	0.005		0.0096
4/30/2011	<0.002				
10/27/2011					0.011
10/28/2011	<0.002	0.005	0.0068		
10/29/2011				0.0093	
5/2/2012	<0.002	0.0052	0.0065		
5/3/2012				0.01	
5/4/2012					0.01
11/9/2012	<0.002	0.0054	0.006	0.009	
11/11/2012					0.01
5/8/2013	<0.002	0.0058	0.0074		
5/9/2013				0.0085	0.011
11/5/2013	0.0036			0.015	0.015
11/6/2013		0.0062 (J)	0.0082 (J)		
5/20/2014	<0.002	0.0047 (J)	0.0051 (J)		
5/21/2014					0.013
5/23/2014				0.012	
11/8/2014		0.0064 (J)	0.0074 (J)		
11/12/2014	<0.002				0.012
11/13/2014				0.011	
5/22/2015	<0.002	0.0059 (J)	0.0084 (J)		
5/23/2015				0.012	0.014
11/9/2015		0.0043 (J)	0.009 (J)		
11/11/2015	<0.002			0.014	
11/12/2015					0.016
4/6/2016	<0.002	0.00457 (J)	0.00779 (J)		
4/12/2016				0.0135	
4/13/2016					0.0152 (D)
6/15/2016	<0.002	<0.01	<0.01		
6/16/2016				0.014	
6/21/2016					0.016
8/10/2016	<0.002	0.0042	0.0068		
8/11/2016				0.013	
8/15/2016					0.015
10/4/2016	<0.002	0.0052		0.014	
10/5/2016			0.0076		0.016
11/29/2016		0.004	0.0045		
11/30/2016	<0.002			0.013	

Time Series

Constituent: Chromium, Total (mg/L) Analysis Run 12/2/2024 10:20 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
12/1/2016					0.015
2/7/2017	<0.002	0.004	0.0067	0.013	
2/8/2017					0.017
4/4/2017	<0.002	0.0021 (J)	0.0079		
4/5/2017				0.014	
4/6/2017					0.018
6/20/2017	<0.002	0.0046	0.0084	0.013	
6/21/2017					0.017
10/4/2017	<0.002			0.015	
10/5/2017		0.005	0.0061		0.018
3/20/2018	<0.002 (D)	0.0044	0.006	0.013	
3/21/2018					0.017 (J+X)
10/2/2018	<0.002	0.0043	0.0061	0.014	0.018
3/26/2019	<0.002	0.0046	0.0065	0.013	
3/27/2019					0.017
9/10/2019	0.0023 (J)	0.0076	0.012	0.018	
9/11/2019					0.023
3/18/2020	<0.002	0.0044	0.0083	0.014	0.02
9/9/2020	<0.002	0.005	0.0088	0.014	0.018
4/1/2021	<0.002	0.0053	0.0082	0.014	0.02
8/11/2021	<0.002	0.0059	0.0089		
8/18/2021				0.014	
10/18/2021					0.019
2/15/2022	<0.002	0.0056	0.0084	0.011	0.021
8/24/2022			0.0076	0.014	
8/25/2022	<0.002	0.0056			0.018
2/21/2023					0.02
2/27/2023				0.014	
2/28/2023	<0.002	0.0061	0.0083		
8/3/2023	<0.002	0.0073	0.0089		
8/9/2023				0.017	0.022
2/28/2024		0.0071	0.0096		
3/1/2024				0.014	0.019
3/4/2024	<0.002				
8/6/2024	<0.002	0.008	0.0086	0.016	0.018

Time Series

Constituent: Chromium, Total (mg/L) Analysis Run 12/2/2024 10:20 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
5/9/2010		<0.002	0.0051	<0.002	
5/10/2010	0.011				0.012
6/16/2010	0.012				0.014
6/18/2010		<0.002	0.0043 (J)	<0.002	
7/26/2010					0.013
7/27/2010	0.012	0.002 (J)			
7/28/2010				<0.002	
7/29/2010			0.0058		
9/7/2010					0.015
9/8/2010	0.011	<0.002			
9/9/2010			0.0052	<0.002	
4/26/2011			0.0025 (J)		
4/29/2011	0.01	<0.002			0.014
4/30/2011				<0.002	
10/27/2011	0.0077				
10/28/2011		<0.002	0.0035 (J)	<0.002	0.014
5/2/2012					0.017
5/3/2012		<0.002		<0.002	
5/4/2012	0.0082		0.0073		
11/9/2012					0.014
11/10/2012	0.007	<0.002		<0.002	
11/11/2012			0.004 (J)		
5/8/2013			0.006	<0.002	0.017
5/9/2013	0.0079	<0.002			
11/5/2013				0.0036	
11/6/2013	0.011	0.0031 (J)			0.017
11/7/2013			0.0068 (J)		
5/20/2014	0.0076 (J)	0.002 (J)	0.0039 (J)	<0.002	
5/23/2014					0.013
11/8/2014					0.018
11/12/2014	0.0071 (J)	<0.002	0.0039 (J)	<0.002	
5/22/2015					0.02
5/23/2015		0.0027 (J)			
5/24/2015	0.0083 (J)		0.004 (J)	<0.002	
11/10/2015					0.013
11/11/2015				<0.002	
11/12/2015	0.0069 (J)	0.0022 (J)	0.0077 (J)		
4/11/2016					0.0139
4/13/2016	0.00804 (JD)	<0.002 (D)	0.0038 (JD)	<0.002 (D)	
6/16/2016					0.014
6/21/2016	0.0086 (J)	0.0012 (J)	0.0035 (J)	0.0006 (J)	
8/11/2016					0.016
8/15/2016	0.0073	0.0021 (J)	0.0034	<0.002	
10/4/2016				<0.002	
10/5/2016	0.0077	0.0013 (J)			0.014
10/7/2016			0.0037		
11/29/2016					0.013
12/1/2016	0.0075	0.0015 (J)	0.0037	<0.002	
2/7/2017				<0.002	
2/8/2017	0.0078	0.0016 (J)			0.013
2/9/2017			0.0038		
4/5/2017		0.0014 (J)			

Time Series

Constituent: Chromium, Total (mg/L) Analysis Run 12/2/2024 10:20 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
4/6/2017	0.0079		0.0039	<0.002	0.014
6/20/2017	0.0078	0.0015 (J)		<0.002	
6/21/2017					0.013
6/22/2017			0.0042		
10/5/2017	0.0081	0.0015 (J)		<0.002	0.014
10/6/2017			0.0039		
3/20/2018				<0.002	0.014
3/21/2018	<0.0081 (X)	<0.002 (XD)			
3/22/2018			0.028 (O)		
10/2/2018	0.0075	0.0012 (J)		<0.002	0.014
10/3/2018			0.0056		
3/26/2019		0.0013 (J)	0.0048	<0.002	0.014
3/27/2019	0.007				
9/11/2019	0.011	0.0036	0.0075	0.0038	0.017
3/18/2020	0.0086	0.0016 (J)	0.008	<0.002	0.014
9/9/2020				<0.002	0.013
9/10/2020	0.009	<0.002	0.0054		
4/1/2021	0.0078	0.0015 (J)		<0.002	0.014
4/6/2021			0.0061		
8/11/2021	0.0078	<0.002	0.0051	<0.002	0.014
2/16/2022	0.0074	<0.002	0.005	<0.002	0.012
8/25/2022	0.0069				0.012
8/26/2022		<0.002	0.0043	<0.002	
2/27/2023	0.0082	0.002	0.006	<0.002	
2/28/2023					0.012
8/9/2023	0.0087	0.0026	0.0066	0.0018 (J)	0.014
2/29/2024	0.0086	0.0021			0.013
3/1/2024			0.0059	0.0022	
8/6/2024	0.0072	0.0014 (J)	0.0045		0.013
8/8/2024				<0.002	

Time Series

Constituent: Chromium, Total (mg/L) Analysis Run 12/2/2024 10:20 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
5/11/2010	0.0039 (J)	0.0051	0.0063	0.01	0.0046 (J)
6/16/2010	0.0049 (J)				
6/17/2010			0.0053	0.0087	0.007
6/19/2010		<0.011			
7/27/2010	0.0047 (J)	0.01	0.0064		
7/28/2010				0.028 (O)	0.0084
9/7/2010	0.0057		0.0078	0.022	
9/8/2010					0.0071
9/9/2010		0.0072			
4/28/2011		0.0077			0.008
4/29/2011	0.0087		0.0065	0.0099	
10/28/2011	0.0075	0.011	0.0092	0.0089	
10/29/2011					0.0054
5/2/2012	0.011				
5/3/2012		0.011	0.011	0.0091	0.0065
11/9/2012	0.0076	0.0089		0.008	
11/10/2012			0.0073		0.0059
5/9/2013	0.0088	0.0089	0.0098		
5/10/2013				0.019	0.0083
11/5/2013		0.011			
11/6/2013	0.011		0.011	0.013	0.0099 (J)
5/22/2014	0.0057 (J)	0.01	0.0097 (J)	0.0093 (J)	0.0049 (J)
11/8/2014	0.013				
11/9/2014			0.012	0.0098 (J)	0.0068 (J)
11/13/2014		0.0084 (J)			
5/22/2015				0.01	0.0087 (J)
5/23/2015	0.014				
5/24/2015		0.0095 (J)	0.016		
11/10/2015	0.0091 (J)		0.0088 (J)	0.011	
11/11/2015		0.011			0.0084 (J)
4/11/2016	0.00767 (J)				
4/12/2016		0.0122	0.00965 (J)	0.00925 (JD)	0.00419 (J)
6/16/2016	<0.01	<0.011	<0.0085		
6/20/2016				0.0076 (J)	0.0043 (J)
8/11/2016	0.0085	0.01	0.0083		
8/12/2016				0.0079	0.0037
10/4/2016		0.011			
10/5/2016	0.01		0.0094	0.0085	
10/6/2016					0.0062
11/29/2016	0.0087				
11/30/2016		0.0098	0.0084	0.0086	0.0043
2/7/2017		0.0096			
2/8/2017	0.0093		0.0091	0.011	0.0052
4/5/2017	0.0098				
4/6/2017		0.01	0.011	0.0098	0.005
6/20/2017		0.01			
6/21/2017	0.0094		0.0081	0.011	
6/22/2017					0.0052
10/4/2017		0.011			
10/5/2017	0.0096		0.0083	0.01	
10/6/2017					0.0049
3/20/2018	0.0097	0.0099			

Time Series

Constituent: Chromium, Total (mg/L) Analysis Run 12/2/2024 10:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
3/21/2018			<0.0085 (X)	<0.0093 (X)	<0.0062 (X)
10/2/2018	0.0097	0.01			
10/3/2018			0.0091	0.0081	0.0039
3/26/2019	0.0091	0.0096	0.0092	0.0075	0.0084
9/10/2019		0.014		0.0092	0.0067
9/12/2019	0.012		0.011		
3/18/2020		0.011		0.0049	
3/19/2020	0.012		0.0094		0.0045
9/9/2020	0.011	0.01			
9/10/2020			0.009	0.0061	0.0055
4/1/2021		0.0057			
4/2/2021					0.0052
4/5/2021	0.012		0.008		
4/6/2021				0.0074	
8/11/2021	0.013		0.0087		
8/12/2021		0.012		0.0085	0.0045
2/15/2022		0.011		0.0076	0.0041
2/16/2022	0.011		0.0081		
8/25/2022	0.015		0.0079	0.0072	0.0038
8/26/2022		0.0095			
2/27/2023		0.012			0.0039
2/28/2023	0.014		0.009	0.01	
8/8/2023	0.014		0.01		0.0049
8/9/2023		0.012		0.013	
2/29/2024	0.015				0.0038
3/1/2024		0.011	0.0088		
3/4/2024				0.014	
8/6/2024	0.015	0.012	0.0088		
8/7/2024				0.018	0.0031

Time Series

Constituent: Chromium, Total (mg/L) Analysis Run 12/2/2024 10:20 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
5/10/2010			0.007	<0.002	0.0097
5/11/2010	0.004 (J)	<0.012			
6/16/2010					0.0074
6/18/2010	0.0056	0.0063	0.011		
6/19/2010				<0.002	
7/27/2010	0.0051	0.004 (J)			0.0068
7/28/2010			0.0092	0.0034 (J)	
9/8/2010				0.014	0.007
9/9/2010	0.0037 (J)	0.0053	0.01		
4/29/2011	0.0036 (J)				0.0062
4/30/2011		0.0035 (J)	0.012	0.022	
10/27/2011				0.0064	0.0084
10/28/2011	0.0026 (J)				
10/29/2011		0.0048 (J)	0.012		
5/3/2012					0.0099
5/4/2012	0.0031 (J)	0.0064	0.013	0.0059	
11/10/2012	<0.005	0.0084	0.0097		
11/11/2012				0.011	0.0073
5/9/2013	0.0033 (J)	0.0041 (J)	0.013		0.0085
5/10/2013				0.038 (O)	
11/6/2013	0.0045 (J)				0.013
11/7/2013		0.0077 (J)	0.013	0.012	
5/21/2014		0.0044 (J)	0.0091 (J)	0.0048 (J)	0.0097 (J)
5/22/2014	0.0035 (J)				
11/9/2014	0.0062 (J)	0.0071 (J)			
11/12/2014			0.0097 (J)		0.0072 (J)
11/13/2014				0.023	
5/23/2015				0.015	0.0095 (J)
5/24/2015	0.012	0.01	0.018		
11/11/2015	0.0068 (J)	0.0053 (J)	0.0086 (J)	0.016	
11/12/2015					0.0046 (J)
4/12/2016		0.00493 (J)			
4/13/2016			0.00924 (JD)		0.00627 (JD)
4/19/2016	0.00368 (J)			0.0086 (J)	
6/20/2016		0.0043 (J)	0.0084 (J)		
6/22/2016	0.0031 (J)				0.0079 (J)
8/12/2016		0.0037			
8/15/2016			0.0083		0.0075
8/16/2016	0.0028				
10/6/2016	0.003	0.004	0.0081		0.0071
10/10/2016				0.0052	
11/30/2016		0.0035			
12/1/2016	0.0022 (J)		0.0083	0.0062	0.007
2/8/2017					0.0047
2/9/2017	0.0035	0.0041	0.0087	0.0091	
4/6/2017	0.0032	0.0038			0.006
4/7/2017			0.009	<0.002	
6/21/2017	0.0031	0.004		<0.002	0.0071
6/22/2017			0.0092		
8/15/2017				<0.002	
9/1/2017				<0.002	
10/5/2017	0.0029				0.008

Time Series

Constituent: Chromium, Total (mg/L) Analysis Run 12/2/2024 10:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
10/6/2017		0.0038	0.0095		
10/9/2017				<0.002	
3/21/2018		<0.012 (X)			<0.0046 (X)
3/22/2018	0.0086 (J+X)		0.0086 (J+X)	0.0079 (J+X)	
10/2/2018					0.0081
10/3/2018	0.003	0.0042			
10/4/2018			0.0083	<0.002	
3/26/2019		0.0044			
3/27/2019	0.0039		0.0088	<0.002	0.0064
9/11/2019	0.0079	0.0078	0.013	0.0052	0.012
3/18/2020	0.0052	0.0046		<0.002	0.0066
3/19/2020			0.011		
9/9/2020	0.0048			<0.002	0.0081
9/10/2020		0.0049	0.0098		
4/1/2021	0.0058		0.0091		0.0018 (J)
4/5/2021		0.005		<0.002	
8/11/2021		0.005	0.0092		
8/12/2021	0.0053			<0.002	0.0077
2/15/2022	0.0061	0.0046	0.0088	<0.002	0.0079
8/25/2022	0.0058	0.0046	0.0085	<0.002	0.0092
2/27/2023		0.0047	0.0092	<0.002	0.0094
2/28/2023	0.0068				
8/8/2023	0.0066	0.0048	0.0094	0.0013 (J)	0.0085
2/29/2024	0.0074	0.0051	0.012	<0.002	
3/1/2024					0.0092
8/6/2024	0.0067		0.02	<0.002	0.0084
8/7/2024		0.0046			
11/6/2024			0.02 (R)		

Time Series

Constituent: Cobalt, Total (mg/L) Analysis Run 12/2/2024 10:20 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
5/8/2010			<0.0025		
5/9/2010	<0.0025	<0.0025			
5/10/2010					<0.0025
5/11/2010				<0.0025	
6/16/2010		<0.0025	<0.0025		<0.0025
6/17/2010				<0.0025	
6/18/2010	<0.0025				
7/26/2010			<0.0025		
7/27/2010		<0.0025		<0.0025	
7/28/2010	<0.0025				<0.0025
9/7/2010		<0.0025	<0.0025		
9/8/2010					<0.0025
9/9/2010	<0.0025			<0.0025	
4/28/2011				<0.0025	
4/29/2011		0.003 (O)	<0.0025		<0.0025
4/30/2011	<0.0025				
10/27/2011					<0.0025
10/28/2011	<0.0025	<0.0025	<0.0025		
10/29/2011				<0.0025	
5/2/2012	<0.0025	<0.0025	<0.0025		
5/3/2012				<0.0025	
5/4/2012					<0.0025
11/9/2012	<0.0025	<0.0025	<0.0025	<0.0025	
11/11/2012					<0.0025
5/8/2013	<0.0025	<0.0025	<0.0025		
5/9/2013				<0.0025	<0.0025
11/5/2013	<0.0025			<0.0025	<0.0025
11/6/2013		<0.0025	<0.0025		
5/20/2014	<0.0025	<0.0025	<0.0025		
5/21/2014					<0.0025
5/23/2014				<0.0025	
11/8/2014		<0.0025	<0.0025		
11/12/2014	<0.0025				<0.0025
11/13/2014				<0.0025	
5/22/2015	<0.0025	<0.0025	<0.0025		
5/23/2015				<0.0025	<0.0025
11/9/2015		<0.0025	<0.0025		
11/11/2015	<0.0025			<0.0025	
11/12/2015					<0.0025
4/6/2016	0.00261 (O)	<0.0025	<0.0025		
4/12/2016				<0.0025	
4/13/2016					<0.0025 (D)
6/15/2016	0.00092 (J)	2.2E-05 (J)	8.4E-05 (J)		
6/16/2016				<0.0025	
6/21/2016					<0.0025
8/10/2016	0.00076 (J)	<0.0025	<0.0025		
8/11/2016				<0.0025	
8/15/2016					<0.0025
10/4/2016	0.00081 (J)	<0.0025		<0.0025	
10/5/2016			<0.0025		<0.0025
11/29/2016		<0.0025	<0.0025		
11/30/2016	0.00061 (J)			<0.0025	

Time Series

Constituent: Cobalt, Total (mg/L) Analysis Run 12/2/2024 10:20 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
12/1/2016					<0.0025
2/7/2017	<0.0025	<0.0025	<0.0025	<0.0025	
2/8/2017					<0.0025
4/4/2017	0.00084 (J)	<0.0025	<0.0025		
4/5/2017				<0.0025	
4/6/2017					<0.0025
6/20/2017	0.0012 (J)	<0.0025	<0.0025	<0.0025	
6/21/2017					<0.0025
10/4/2017	0.00087 (J)			<0.0025	
10/5/2017		<0.0025	<0.0025		<0.0025
3/20/2018	0.0018 (JD)	<0.0025	<0.0025	<0.0025	
3/21/2018					<0.0025
10/2/2018	0.0011 (J)	<0.0025	<0.0025	<0.0025	<0.0025
3/26/2019	0.0019 (J)	<0.0025	<0.0025	<0.0025	
3/27/2019					<0.0025
9/10/2019	0.0012 (J)	0.00031 (J)	0.00052 (J)	<0.0025	
9/11/2019					<0.0025
3/18/2020	0.0017 (J)	0.00034 (J)	<0.0025	0.00017 (J)	<0.0025
9/9/2020	0.0016 (J)	<0.0025	0.00019 (J)	<0.0025	<0.0025
4/1/2021	0.0024 (J)	0.00014 (J)	<0.0025	<0.0025	<0.0025
8/11/2021	0.0011 (J)	<0.0025	<0.0025		
8/18/2021				0.00025 (J)	
10/18/2021					<0.0025
2/15/2022	0.0029	<0.0025	<0.0025	<0.0025	<0.0025
8/24/2022			<0.0025	<0.0025	
8/25/2022	0.0014 (J)	<0.0025			<0.0025
2/21/2023					<0.0025
2/27/2023				<0.0025	
2/28/2023	0.0026	<0.0025	<0.0025		
8/3/2023	0.0017 (J)	<0.0025	<0.0025		
8/9/2023				<0.0025	<0.0025
2/28/2024		<0.0025	<0.0025		
3/1/2024				<0.0025	<0.0025
3/4/2024	0.0026				
8/6/2024	0.001 (J)	<0.0025	<0.0025	<0.0025	<0.0025

Time Series

Constituent: Cobalt, Total (mg/L) Analysis Run 12/2/2024 10:20 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
5/9/2010		<0.0025	<0.0025	<0.0025	
5/10/2010	<0.0025				<0.0025
6/16/2010	<0.0025				<0.0025
6/18/2010		<0.0025	<0.0025	<0.0025	
7/26/2010					<0.0025
7/27/2010	<0.0025	<0.0025			
7/28/2010				<0.0025	
7/29/2010			<0.0025		
9/7/2010					<0.0025
9/8/2010	<0.0025	<0.0025			
9/9/2010			<0.0025	<0.0025	
4/26/2011			<0.0025		
4/29/2011	<0.0025	<0.0025			<0.0025
4/30/2011				<0.0025	
10/27/2011	<0.0025				
10/28/2011		<0.0025	<0.0025	<0.0025	<0.0025
5/2/2012					<0.0025
5/3/2012		<0.0025		<0.0025	
5/4/2012	<0.0025		<0.0025		
11/9/2012					<0.0025
11/10/2012	<0.0025	<0.0025		<0.0025	
11/11/2012			<0.0025		
5/8/2013			<0.0025	<0.0025	<0.0025
5/9/2013	<0.0025	<0.0025			
11/5/2013				<0.0025	
11/6/2013	<0.0025	<0.0025			<0.0025
11/7/2013			<0.0025		
5/20/2014	<0.0025	<0.0025	<0.0025	<0.0025	
5/23/2014					<0.0025
11/8/2014					<0.0025
11/12/2014	<0.0025	<0.0025	<0.0025	<0.0025	
5/22/2015					0.0032 (O)
5/23/2015		<0.0025			
5/24/2015	<0.0025		<0.0025	<0.0025	
11/10/2015					<0.0025
11/11/2015				<0.0025	
11/12/2015	<0.0025	<0.0025	<0.0025		
4/11/2016					<0.0025
4/13/2016	<0.0025 (D)	<0.0025 (D)	<0.0025 (D)	<0.0025 (D)	
6/16/2016					<0.0025
6/21/2016	<0.0025	0.0004 (J)	<0.0025	<0.0025	
8/11/2016					<0.0025
8/15/2016	<0.0025	0.00042 (J)	<0.0025	<0.0025	
10/4/2016				<0.0025	
10/5/2016	<0.0025	0.00049 (J)			<0.0025
10/7/2016			<0.0025		
11/29/2016					<0.0025
12/1/2016	<0.0025	<0.0025	<0.0025	<0.0025	
2/7/2017				<0.0025	
2/8/2017	<0.0025	<0.0025			<0.0025
2/9/2017			<0.0025		
4/5/2017		<0.0025			

Time Series

Constituent: Cobalt, Total (mg/L) Analysis Run 12/2/2024 10:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
4/6/2017	<0.0025		<0.0025	<0.0025	<0.0025
6/20/2017	<0.0025	0.0004 (J)		<0.0025	
6/21/2017					<0.0025
6/22/2017			<0.0025		
10/5/2017	<0.0025	0.00041 (J)		<0.0025	<0.0025
10/6/2017			<0.0025		
3/20/2018				<0.0025	<0.0025
3/21/2018	<0.0025	<0.0025			
3/22/2018			<0.0025		
10/2/2018	<0.0025	<0.0025		<0.0025	<0.0025
10/3/2018			<0.0025		
3/26/2019		<0.0025	<0.0025	<0.0025	<0.0025
3/27/2019	<0.0025				
9/11/2019	<0.0025	0.00042 (J)	<0.0025	<0.0025	0.00023 (J)
3/18/2020	<0.0025	0.00013 (J)	<0.0025	<0.0025	0.00018 (J)
9/9/2020				<0.0025	0.00014 (J)
9/10/2020	0.00033 (J)	0.00057 (J)	<0.0025		
4/1/2021	<0.0025	0.00028 (J)		<0.0025	<0.0025
4/6/2021			<0.0025		
8/11/2021	<0.0025	0.00033 (J)	<0.0025	<0.0025	0.00021 (J)
2/16/2022	<0.0025	0.00033 (J)	<0.0025	<0.0025	<0.0025
8/25/2022	<0.0025				<0.0025
8/26/2022		0.00033 (J)	<0.0025	<0.0025	
2/27/2023	<0.0025	<0.0025	<0.0025	<0.0025	
2/28/2023					<0.0025
8/9/2023	<0.0025	0.00035 (J)	<0.0025	<0.0025	<0.0025
2/29/2024	<0.0025	0.00027 (J)			<0.0025
3/1/2024			<0.0025	<0.0025	
8/6/2024	<0.0025	0.00029 (J)	<0.0025		<0.0025
8/8/2024				<0.0025	

Time Series

Constituent: Cobalt, Total (mg/L) Analysis Run 12/2/2024 10:20 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
5/11/2010	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
6/16/2010	<0.0025				
6/17/2010			<0.0025	<0.0025	<0.0025
6/19/2010		<0.0025			
7/27/2010	<0.0025	<0.0025	<0.0025		
7/28/2010				0.0034 (O)	<0.0025
9/7/2010	<0.0025		<0.0025	<0.0025	
9/8/2010					<0.0025
9/9/2010		<0.0025			
4/28/2011		<0.0025			<0.0025
4/29/2011	<0.0025		<0.0025	0.0037 (O)	
10/28/2011	<0.0025	<0.0025	<0.0025	<0.0025	
10/29/2011					<0.0025
5/2/2012	<0.0025				
5/3/2012		<0.0025	<0.0025	<0.0025	<0.0025
11/9/2012	<0.0025	<0.0025		<0.0025	
11/10/2012			<0.0025		<0.0025
5/9/2013	<0.0025	<0.0025	<0.0025		
5/10/2013				<0.0025	<0.0025
11/5/2013		<0.0025			
11/6/2013	<0.0025		<0.0025	<0.0025	<0.0025
5/22/2014	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
11/8/2014	<0.0025				
11/9/2014			<0.0025	<0.0025	<0.0025
11/13/2014		<0.0025			
5/22/2015				<0.0025	<0.0025
5/23/2015	<0.0025				
5/24/2015		<0.0025	<0.0025		
11/10/2015	<0.0025	<0.0025	<0.0025	<0.0025	
11/11/2015		<0.0025			<0.0025
4/11/2016	<0.0025				
4/12/2016		<0.0025	<0.0025	<0.0025 (D)	<0.0025
6/16/2016	<0.0025	<0.0025	0.00012 (J)		
6/20/2016				0.0001 (J)	0.00016 (J)
8/11/2016	<0.0025	<0.0025	<0.0025		
8/12/2016				0.00042 (J)	<0.0025
10/4/2016		<0.0025			
10/5/2016	<0.0025		<0.0025	<0.0025	
10/6/2016					0.00068 (J)
11/29/2016	<0.0025				
11/30/2016		<0.0025	<0.0025	<0.0025	<0.0025
2/7/2017		<0.0025			
2/8/2017	<0.0025		<0.0025	<0.0025	<0.0025
4/5/2017	<0.0025				
4/6/2017		<0.0025	0.0005 (J)	<0.0025	<0.0025
6/20/2017		<0.0025			
6/21/2017	<0.0025		<0.0025	0.00042 (J)	
6/22/2017					<0.0025
10/4/2017		<0.0025			
10/5/2017	<0.0025		<0.0025	<0.0025	
10/6/2017					<0.0025
3/20/2018	<0.0025	<0.0025			

Time Series

Constituent: Cobalt, Total (mg/L) Analysis Run 12/2/2024 10:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
3/21/2018			<0.0025	<0.0025	<0.0025
10/2/2018	<0.0025	<0.0025			
10/3/2018			<0.0025	<0.0025	<0.0025
3/26/2019	<0.0025	<0.0025	<0.0025	<0.0025	0.00096 (J)
9/10/2019		0.00015 (J)		0.00028 (J)	<0.0025
9/12/2019	0.00021 (J)		0.00021 (J)		
3/18/2020		<0.0025		0.00014 (J)	
3/19/2020	0.00014 (J)		0.00026 (J)		0.00021 (J)
9/9/2020	<0.0025	<0.0025			
9/10/2020			0.00018 (J)	0.00023 (J)	0.00032 (J)
4/1/2021		<0.0025			
4/2/2021					0.00026 (J)
4/5/2021	<0.0025		<0.0025		
4/6/2021				0.00031 (J)	
8/11/2021	<0.0025		<0.0025		
8/12/2021		0.0002 (J)		0.00067 (J)	<0.0025
2/15/2022		<0.0025		<0.0025	<0.0025
2/16/2022	<0.0025		<0.0025		
8/25/2022	<0.0025		<0.0025	0.00046 (J)	<0.0025
8/26/2022		<0.0025			
2/27/2023		<0.0025			<0.0025
2/28/2023	<0.0025		<0.0025	<0.0025	
8/8/2023	<0.0025		<0.0025		<0.0025
8/9/2023		<0.0025		<0.0025	
2/29/2024	<0.0025				<0.0025
3/1/2024		<0.0025	<0.0025		
3/4/2024				<0.0025	
8/6/2024	<0.0025	<0.0025	<0.0025		
8/7/2024				0.00023 (J)	<0.0025

Time Series

Constituent: Cobalt, Total (mg/L) Analysis Run 12/2/2024 10:20 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
5/10/2010			<0.0025	<0.0025	<0.0025
5/11/2010	<0.0025	<0.0025			
6/16/2010					<0.0025
6/18/2010	<0.0025	<0.0025	<0.0025		
6/19/2010				<0.0025	
7/27/2010	<0.0025	<0.0025			<0.0025
7/28/2010			<0.0025	<0.0025	
9/8/2010				<0.0025	<0.0025
9/9/2010	<0.0025	<0.0025	<0.0025		
4/29/2011	<0.0025				<0.0025
4/30/2011		<0.0025	<0.0025	0.0063 (O)	
10/27/2011				<0.0025	<0.0025
10/28/2011	<0.0025				
10/29/2011		<0.0025	<0.0025		
5/3/2012					<0.0025
5/4/2012	<0.0025	<0.0025	<0.0025	<0.0025	
11/10/2012	<0.0025	<0.0025	<0.0025		
11/11/2012				<0.0025	<0.0025
5/9/2013	<0.0025	<0.0025	<0.0025		<0.0025
5/10/2013				0.0068 (O)	
11/6/2013	<0.0025				<0.0025
11/7/2013		<0.0025	<0.0025	<0.0025	
5/21/2014		<0.0025	<0.0025	<0.0025	<0.0025
5/22/2014	<0.0025				
11/9/2014	<0.0025	<0.0025			
11/12/2014			<0.0025		<0.0025
11/13/2014				0.0046	
5/23/2015				<0.0025	<0.0025
5/24/2015	<0.0025	<0.0025	<0.0025		
11/11/2015	<0.0025	<0.0025	<0.0025	<0.0025	
11/12/2015					<0.0025
4/12/2016		<0.0025			
4/13/2016			<0.0025 (D)		<0.0025 (D)
4/19/2016	<0.0025			<0.0025	
6/20/2016		3E-05 (J)	8.6E-05 (J)		
6/22/2016	<0.0025				<0.0025
8/12/2016		<0.0025			
8/15/2016			<0.0025		<0.0025
8/16/2016	<0.0025				
10/6/2016	<0.0025	<0.0025	<0.0025		<0.0025
10/10/2016				<0.0025	
11/30/2016		<0.0025			
12/1/2016	<0.0025		<0.0025	0.00068 (J)	<0.0025
2/8/2017					<0.0025
2/9/2017	<0.0025	<0.0025	<0.0025	0.0009 (J)	
4/6/2017	<0.0025	<0.0025			<0.0025
4/7/2017			<0.0025	0.0011 (J)	
6/21/2017	<0.0025	<0.0025		0.00064 (J)	<0.0025
6/22/2017			<0.0025		
8/15/2017				0.001 (J)	
9/1/2017				0.00089 (J)	
10/5/2017	<0.0025				<0.0025

Time Series

Constituent: Cobalt, Total (mg/L) Analysis Run 12/2/2024 10:20 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
10/6/2017		<0.0025	<0.0025		
10/9/2017				0.00085 (J)	
3/21/2018		<0.0025			<0.0025
3/22/2018	<0.0025		<0.0025	<0.0004 (o)	
10/2/2018					<0.0025
10/3/2018	<0.0025	<0.0025			
10/4/2018			<0.0025	0.00048 (J)	
3/26/2019		<0.0025			
3/27/2019	<0.0025		<0.0025	0.0012 (J)	<0.0025
9/11/2019	9.9E-05 (J)	8.7E-05 (J)	0.00016 (J)	0.00085 (J)	0.00016 (J)
3/18/2020	<0.0025	<0.0025		0.0027	<0.0025
3/19/2020			0.00013 (J)		
9/9/2020	<0.0025			0.0043	0.00023 (J)
9/10/2020		<0.0025	0.00038 (J)		
4/1/2021	<0.0025		0.00015 (J)		0.00015 (J)
4/5/2021		0.00015 (J)		0.0026	
8/11/2021		<0.0025	<0.0025		
8/12/2021	<0.0025			0.0019 (J)	0.00013 (J)
2/15/2022	<0.0025	<0.0025	<0.0025	0.0037	<0.0025
8/25/2022	<0.0025	<0.0025	<0.0025	0.0021 (J)	0.00053 (J)
2/27/2023		<0.0025	<0.0025	0.004	<0.0025
2/28/2023	<0.0025				
8/8/2023	<0.0025	<0.0025	<0.0025	0.0044	<0.0025
2/29/2024	<0.0025	<0.0025	<0.0025	0.0031	
3/1/2024					<0.0025
8/6/2024	<0.0025		<0.0025	0.0017 (J)	<0.0025
8/7/2024		<0.0025			

Time Series

Constituent: Copper (mg/L) Analysis Run 12/2/2024 10:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
5/8/2010			<0.002		
5/9/2010	<0.002	<0.002			
5/10/2010					<0.002
5/11/2010				<0.002	
6/16/2010		<0.002	<0.002		<0.002
6/17/2010				<0.002	
6/18/2010	<0.002				
7/26/2010			<0.002		
7/27/2010		<0.002		<0.002	
7/28/2010	<0.002				<0.002
9/7/2010		<0.002	<0.002		
9/8/2010					<0.002
9/9/2010	<0.002			<0.002	
4/28/2011				<0.002	
4/29/2011		<0.002	<0.002		<0.002
4/30/2011	<0.002				
10/27/2011					<0.002
10/28/2011	<0.002	<0.002	<0.002		
10/29/2011				<0.002	
5/2/2012	<0.002	<0.002	<0.002		
5/3/2012				<0.002	
5/4/2012					<0.002
11/9/2012	<0.002	<0.002	<0.002	<0.002	
11/11/2012					<0.002
5/8/2013	<0.002	<0.002	<0.002		
5/9/2013				<0.002	<0.002
11/5/2013	<0.002			<0.002	<0.002
11/6/2013		<0.002	<0.002		
5/20/2014	<0.002	<0.002	<0.002		
5/21/2014					<0.002
5/23/2014				<0.002	
11/8/2014		<0.002	<0.002		
11/12/2014	<0.002				<0.002
11/13/2014				<0.002	
5/22/2015	<0.002	<0.002	<0.002		
5/23/2015				<0.002	<0.002
11/9/2015		<0.002	<0.002		
11/11/2015	<0.002			<0.002	
11/12/2015					<0.002
4/6/2016	<0.002	<0.002	<0.002		
4/12/2016				<0.002	
4/13/2016					<0.002 (D)
10/4/2016	<0.002	<0.002		<0.002	
10/5/2016			<0.002		<0.002
4/4/2017	<0.002	<0.002	<0.002		
4/5/2017				<0.002	
4/6/2017					<0.002
10/4/2017	<0.002			<0.002	
10/5/2017		<0.002	<0.002		<0.002
3/20/2018	<0.002 (D)	<0.002	<0.002	<0.002	
3/21/2018					<0.002
10/2/2018	<0.002	<0.002	<0.002	<0.002	<0.002

Time Series

Constituent: Copper (mg/L) Analysis Run 12/2/2024 10:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
3/26/2019	<0.002	<0.002	<0.002	<0.002	
3/27/2019					<0.002
9/10/2019	<0.002	0.00095 (J)	0.0012 (J)	<0.002	
9/11/2019					<0.002
3/18/2020	<0.002	<0.002	<0.002	<0.002	<0.002
9/9/2020	<0.002	<0.002	<0.002	<0.002	<0.002
4/1/2021	<0.002	0.00074 (J)	<0.002	<0.002	<0.002
8/11/2021	<0.002	<0.002	<0.002		
8/18/2021				0.0011 (J)	
10/18/2021					<0.002
2/15/2022	<0.002	<0.002	<0.002	0.0013 (J)	<0.002
8/24/2022			<0.002	<0.002	
8/25/2022	<0.002	<0.002			<0.002
2/21/2023					<0.002
2/27/2023				<0.002	
2/28/2023	<0.002	<0.002	<0.002		
8/3/2023	<0.002	<0.002	<0.002		
8/9/2023				<0.002	<0.002
2/28/2024		<0.002	<0.002		
3/1/2024				<0.002	<0.002
3/4/2024	<0.002				
8/6/2024	<0.002	<0.002	<0.002	<0.002	<0.002

Time Series

Constituent: Copper (mg/L) Analysis Run 12/2/2024 10:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
5/9/2010		<0.002	<0.002	<0.002	
5/10/2010	<0.002				<0.002
6/16/2010	<0.002				0.0025 (J)
6/18/2010		<0.002	<0.002	<0.002	
7/26/2010					0.0023 (J)
7/27/2010	<0.002	<0.002			
7/28/2010				<0.002	
7/29/2010			<0.002		
9/7/2010					<0.002
9/8/2010	<0.002	<0.002			
9/9/2010			<0.002	<0.002	
4/26/2011			<0.002		
4/29/2011	<0.002	<0.002			<0.002
4/30/2011				<0.002	
10/27/2011	<0.002				
10/28/2011		<0.002	<0.002	<0.002	<0.002
5/2/2012					<0.002
5/3/2012		<0.002		0.0021 (J)	
5/4/2012	<0.002		0.0024 (J)		
11/9/2012					<0.002
11/10/2012	<0.002	<0.002		<0.002	
11/11/2012			<0.002		
5/8/2013			<0.002	<0.002	<0.002
5/9/2013	<0.002	<0.002			
11/5/2013				<0.002	
11/6/2013	<0.002	<0.002			<0.002
11/7/2013			<0.002		
5/20/2014	<0.002	<0.002	<0.002	<0.002	
5/23/2014					<0.002
11/8/2014					<0.002
11/12/2014	<0.002	<0.002	<0.002	<0.002	
5/22/2015					<0.002
5/23/2015		<0.002			
5/24/2015	<0.002		<0.002	<0.002	
11/10/2015					<0.002
11/11/2015				<0.002	
11/12/2015	<0.002	<0.002	<0.002		
4/11/2016					<0.002
4/13/2016	<0.002 (D)	<0.002 (D)	<0.002 (D)	<0.002 (D)	
10/4/2016				<0.002	
10/5/2016	<0.002	<0.002			<0.002
10/7/2016			<0.002		
4/5/2017		<0.002			
4/6/2017	<0.002		<0.002	<0.002	<0.002
10/5/2017	0.0021 (J)	<0.002		<0.002	<0.002
10/6/2017			<0.002		
3/20/2018				<0.002	<0.002
3/21/2018	<0.002	<0.002 (D)			
3/22/2018			<0.002		
10/2/2018	<0.002	<0.002		<0.002	<0.002
10/3/2018			<0.002		
3/26/2019		<0.002	<0.002	<0.002	<0.002

Time Series

Constituent: Copper (mg/L) Analysis Run 12/2/2024 10:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
3/27/2019	<0.002				
9/11/2019	<0.002	<0.002	<0.002	<0.002	0.00084 (J)
3/18/2020	<0.002	<0.002	<0.002	<0.002	<0.002
9/9/2020				<0.002	0.00084 (J)
9/10/2020	0.0007 (J)	<0.002	<0.002		
4/1/2021	<0.002	<0.002		<0.002	<0.002
4/6/2021			<0.002		
8/11/2021	<0.002	<0.002	<0.002	<0.002	<0.002
2/16/2022	<0.002	<0.002	<0.002	<0.002	<0.002
8/25/2022	<0.002				<0.002
8/26/2022		<0.002	<0.002	<0.002	
2/27/2023	<0.002	<0.002	<0.002	<0.002	
2/28/2023					0.0011 (J)
8/9/2023	<0.002	<0.002	<0.002	<0.002	<0.002
2/29/2024	<0.002	<0.002			<0.002
3/1/2024			<0.002	<0.002	
8/6/2024	<0.002	<0.002	<0.002		<0.002
8/8/2024				<0.002	

Time Series

Constituent: Copper (mg/L) Analysis Run 12/2/2024 10:20 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
5/11/2010	<0.002	<0.002	<0.002	0.003 (J)	<0.002
6/16/2010	<0.002				
6/17/2010			<0.002	<0.002	0.0022 (J)
6/19/2010		<0.002			
7/27/2010	<0.002	<0.002	0.0021 (J)		
7/28/2010				0.012 (O)	0.0033 (J)
9/7/2010	<0.002		<0.002	0.0026 (J)	
9/8/2010					<0.002
9/9/2010		<0.002			
4/28/2011		<0.002			0.0037 (J)
4/29/2011	<0.002		<0.002	<0.002	
10/28/2011	<0.002	<0.002	<0.002	<0.002	
10/29/2011					<0.002
5/2/2012	<0.002				
5/3/2012		<0.002	<0.002	<0.002	0.0031 (J)
11/9/2012	<0.002	<0.002		<0.002	
11/10/2012			<0.002		0.0021 (J)
5/9/2013	<0.002	<0.002	<0.002		
5/10/2013				0.0042 (J)	0.0025 (J)
11/5/2013		<0.002			
11/6/2013	<0.002		<0.002	<0.002	0.0032 (J)
5/22/2014	<0.002	<0.002	<0.002	<0.002	<0.002
11/8/2014	<0.002				
11/9/2014			<0.002	<0.002	<0.002
11/13/2014		<0.002			
5/22/2015				<0.002	<0.002
5/23/2015	<0.002				
5/24/2015		<0.002	<0.002		
11/10/2015	<0.002	<0.002	<0.002	<0.002	
11/11/2015		<0.002			0.002 (J)
4/11/2016	<0.002				
4/12/2016		<0.002	<0.002	<0.002 (D)	<0.002
10/4/2016		<0.002			
10/5/2016	<0.002		<0.002	<0.002	
10/6/2016					0.0022 (J)
4/5/2017	<0.002				
4/6/2017		<0.002	<0.002	<0.002	<0.002
10/4/2017		<0.002			
10/5/2017	<0.002		<0.002	<0.002	
10/6/2017					<0.002
3/20/2018	<0.002	<0.002			
3/21/2018			<0.002	<0.002	<0.002
10/2/2018	<0.002	<0.002			
10/3/2018			<0.002	<0.002	<0.002
3/26/2019	<0.002	<0.002	<0.002	<0.002	0.0039
9/10/2019		<0.002		0.0011 (J)	0.0017 (J)
3/18/2020		<0.002		<0.002	
3/19/2020	<0.002		<0.002		<0.002
9/9/2020	<0.002	<0.002			
9/10/2020			<0.002	0.00072 (J)	0.0011 (J)
4/1/2021		0.00069 (J)			
4/2/2021					0.0012 (J)

Time Series

Constituent: Copper (mg/L) Analysis Run 12/2/2024 10:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
4/5/2021	<0.002		<0.002		
4/6/2021				0.00088 (J)	
8/11/2021	<0.002		<0.002		
8/12/2021		0.00078 (J)		0.0019 (J)	<0.002
2/15/2022		0.0013 (J)		0.0013 (J)	0.0011 (J)
2/16/2022	<0.002		<0.002		
8/25/2022	<0.002		<0.002	0.0013 (J)	<0.002
8/26/2022		<0.002			
2/27/2023		<0.002			<0.002
2/28/2023	<0.002		<0.002	<0.002	
8/8/2023	<0.002		<0.002		<0.002
8/9/2023		<0.002		<0.002	
2/29/2024	<0.002				<0.002
3/1/2024		<0.002	<0.002		
3/4/2024				<0.002	
8/6/2024	<0.002	<0.002	<0.002		
8/7/2024				<0.002	<0.002

Time Series

Constituent: Copper (mg/L) Analysis Run 12/2/2024 10:20 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
5/10/2010			<0.002	0.0036 (J)	<0.002
5/11/2010	<0.002	<0.002			
6/16/2010					<0.002
6/18/2010	<0.002	0.0026 (J)	0.008 (O)		
6/19/2010				0.004 (J)	
7/27/2010	<0.002	0.0029 (J)			<0.002
7/28/2010			0.0021 (J)	0.013	
9/8/2010				0.068	<0.002
9/9/2010	<0.002	<0.002	<0.002		
4/29/2011	<0.002				<0.002
4/30/2011		<0.002	<0.002	0.098	
10/27/2011				0.02	<0.002
10/28/2011	<0.002				
10/29/2011		<0.002	<0.002		
5/3/2012					0.0023
5/4/2012	<0.002	0.0037 (J)	<0.002	0.024	
11/10/2012	<0.002	<0.002	<0.002		
11/11/2012				0.032	<0.002
5/9/2013	<0.002	<0.002	<0.002		<0.002
5/10/2013				0.18 (o)	
11/6/2013	<0.002				<0.002
11/7/2013		<0.002	0.0022 (J)	0.021	
5/21/2014		<0.002	<0.002	0.0089 (J)	<0.002
5/22/2014	<0.002				
11/9/2014	<0.002	<0.002			
11/12/2014			<0.002		<0.002
11/13/2014				0.1	
5/23/2015				0.048	<0.002
5/24/2015	<0.002	<0.002	0.0022 (J)		
11/11/2015	<0.002	<0.002	<0.002	0.059	
11/12/2015					<0.002
4/12/2016		<0.002			
4/13/2016			<0.002 (D)		<0.002 (D)
4/19/2016	<0.002			0.0131 (J)	
10/6/2016	<0.002	<0.002	<0.002		<0.002
10/10/2016				0.0046	
4/6/2017	<0.002	<0.002			<0.002
4/7/2017			<0.002	<0.002	
10/5/2017	<0.002				<0.002
10/6/2017		<0.002	0.0026		
10/9/2017				<0.002	
3/21/2018		<0.002			0.0038
3/22/2018	<0.002		<0.002	<0.002	
10/2/2018					<0.002
10/3/2018	<0.002	<0.002			
10/4/2018			<0.002	<0.002	
3/26/2019		<0.002			
3/27/2019	<0.002		<0.002	<0.002	<0.002
9/11/2019	<0.002	0.00066 (J)	0.00086 (J)	<0.002	<0.002
3/18/2020	<0.002	<0.002		<0.002	<0.002
3/19/2020			<0.002		
9/9/2020	<0.002			<0.002	<0.002

Time Series

Constituent: Copper (mg/L) Analysis Run 12/2/2024 10:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
9/10/2020		<0.002	0.0024		
4/1/2021	<0.002		0.00094 (J)		<0.002
4/5/2021		<0.002		<0.002	
8/11/2021		<0.002	<0.002		
8/12/2021	<0.002			<0.002	<0.002
2/15/2022	<0.002	<0.002	<0.002	<0.002	<0.002
8/25/2022	<0.002	<0.002	<0.002	<0.002	0.0017 (J)
2/27/2023		<0.002	<0.002	<0.002	0.0013 (J)
2/28/2023	<0.002				
8/8/2023	<0.002	<0.002	<0.002	<0.002	<0.002
2/29/2024	<0.002	<0.002	<0.002	<0.002	
3/1/2024					<0.002
8/6/2024	<0.002		<0.002	<0.002	<0.002
8/7/2024		<0.002			

Time Series

Constituent: Fluoride (mg/L) Analysis Run 12/2/2024 10:20 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
4/6/2016	0.017 (J)	0.048 (J)	0.039 (J)		
4/12/2016				0.087 (J)	
4/13/2016					0.082 (JD)
6/15/2016	<0.1	<0.1	<0.1		
6/16/2016				0.04 (J)	
6/21/2016					0.02 (J)
8/10/2016	<0.1	<0.1	<0.1		
8/11/2016				0.092 (J)	
8/15/2016					<0.1
10/4/2016	<0.1	<0.1		<0.1	
10/5/2016			<0.1		<0.1
11/29/2016		<0.1	<0.1		
11/30/2016	<0.1			0.091 (J)	
12/1/2016					<0.1
2/7/2017	<0.1	<0.1	<0.1	<0.1	
2/8/2017					<0.1
4/4/2017	<0.1	<0.1	<0.1		
4/5/2017				<0.1	
4/6/2017					<0.1
6/20/2017	<0.1	<0.1	<0.1	0.082 (J)	
6/21/2017					<0.1
10/4/2017	<0.1			<0.1	
10/5/2017		<0.1	<0.1		<0.1
3/20/2018	<0.1 (D)	<0.1	<0.1	<0.1	
3/21/2018					<0.1
10/2/2018	<0.1	<0.1	<0.1	0.089 (J)	<0.1
3/26/2019	<0.1	0.041 (J)	0.042 (J)	0.072 (J)	
3/27/2019					0.077 (J)
9/10/2019	<0.1	0.047 (J)	0.046 (J)	0.077 (J)	
9/11/2019					0.067 (J)
3/18/2020	0.036 (J)	0.041 (J)	0.071 (J)	0.098 (J)	0.088 (J)
9/9/2020	<0.1	0.034 (J)	0.036 (J)	0.069 (J)	0.055 (J)
4/1/2021	<0.1	0.035 (J)	0.042 (J)	0.081 (J)	0.086 (J)
8/11/2021	0.036 (J)	0.05 (J)	0.053 (J)		
8/17/2021					0.083 (J)
10/18/2021				0.081 (J)	
2/15/2022	0.054 (J)	0.079 (J)	0.083 (J)	0.12	0.099 (J)
5/12/2022				0.048 (J,R)	
8/24/2022			0.047 (J)	0.075 (J)	
8/25/2022	<0.1	0.047 (J)			0.065 (J)
2/21/2023					0.061 (J)
2/27/2023				0.08 (J)	
2/28/2023	0.077 (J)	0.089 (J)	0.067 (J)		
8/3/2023	<0.1	0.074 (J)	0.068 (J)		
8/9/2023				0.11	0.083 (J)
2/28/2024		<0.1	<0.1		
3/1/2024				<0.1	<0.1
3/4/2024	<0.1				
8/6/2024	<0.1	<0.1	<0.1	0.079 (J)	0.064 (J)

Time Series

Constituent: Fluoride (mg/L) Analysis Run 12/2/2024 10:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
4/11/2016					0.047 (J)
4/13/2016	0.061 (JD)	0.01 (JD)	0.039 (JD)	0.027 (JD)	
6/16/2016					<0.1
6/21/2016	0.03 (J)	<0.1	<0.1	<0.1	
8/11/2016					<0.1
8/15/2016	<0.1	<0.1	<0.1	<0.1	
10/4/2016				<0.1	
10/5/2016	<0.1	<0.1			<0.1
10/7/2016			<0.1		
11/29/2016					<0.1
12/1/2016	<0.1	<0.1	<0.1	<0.1	
2/7/2017				<0.1	
2/8/2017	<0.1	<0.1			<0.1
2/9/2017			<0.1		
4/5/2017		<0.1			
4/6/2017	<0.1		<0.1	<0.1	<0.1
6/20/2017	<0.1	<0.1		<0.1	
6/21/2017					<0.1
6/22/2017			<0.1		
10/5/2017	<0.1	<0.1		<0.1	<0.1
10/6/2017			<0.1		
3/20/2018				<0.1	<0.1
3/21/2018	<0.1	<0.1 (D)			
3/22/2018			<0.1		
10/2/2018	<0.1	<0.1		<0.1	<0.1
10/3/2018			<0.1		
3/26/2019		0.026 (J)	0.04 (J)	0.034 (J)	0.046 (J)
3/27/2019	0.048 (J)				
9/11/2019	0.054 (J)	0.039 (J)	0.051 (J)	0.045 (J)	0.055 (J)
3/18/2020	0.064 (J)	0.046 (J)	0.055 (J)	0.068 (J)	<0.1
9/9/2020				<0.1	0.045 (J)
9/10/2020	0.052 (J)	<0.1	0.034 (J)		
4/1/2021	0.042 (J)	<0.1		<0.1	0.041 (J)
4/6/2021			0.026 (J)		
8/11/2021	0.051 (J)	0.029 (J)	0.045 (J)	0.045 (J)	0.062 (J)
2/16/2022	<0.1	<0.1	<0.1	<0.1	0.034 (J)
8/25/2022	0.059 (J)				0.047 (J)
8/26/2022		0.026 (J)	0.055 (J)	0.068 (J)	
2/27/2023	0.064 (J)	0.032 (J)	0.055 (J)	0.047 (J)	
2/28/2023					0.12
8/9/2023	0.071 (J)	<0.1	0.06 (J)	<0.1	0.066 (J)
2/29/2024	<0.1	<0.1			<0.1
3/1/2024			<0.1	<0.1	
8/6/2024	<0.1	<0.1	<0.1		<0.1
8/8/2024				<0.1	

Time Series

Constituent: Fluoride (mg/L) Analysis Run 12/2/2024 10:20 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
4/11/2016	0.048 (J)				
4/12/2016		0.046 (J)	0.056 (J)	0.057 (JD)	0.121 (J)
6/16/2016	<0.1	<0.1	<0.1		
6/20/2016				0.04 (J)	0.04 (J)
8/11/2016	<0.1	<0.1	<0.1		
8/16/2016				<0.1	0.13 (J)
10/4/2016		<0.1			
10/5/2016	<0.1		<0.1	<0.1	
10/6/2016					0.1 (J)
11/29/2016	<0.1				
11/30/2016		<0.1	<0.1	<0.1	0.13 (J)
2/7/2017		<0.1			
2/8/2017	<0.1		<0.1	<0.1	0.093 (J)
4/5/2017	<0.1				
4/6/2017		<0.1	<0.1	<0.1	0.1 (J)
6/20/2017		<0.1			
6/21/2017	<0.1		<0.1	<0.1	
6/22/2017					0.11 (J)
10/4/2017		<0.1			
10/5/2017	<0.1		<0.1	<0.1	
10/6/2017					0.096 (J)
3/20/2018	<0.1	<0.1			
3/21/2018			<0.1	<0.1	0.094 (J)
10/2/2018	<0.1	<0.1			
10/3/2018			<0.1	<0.1	0.1 (J+X)
3/26/2019	0.04 (J)	0.046 (J)	0.045 (J)	0.046 (J)	0.087 (J)
9/10/2019		0.048 (J)		0.058 (J)	0.097 (J)
9/12/2019	0.032 (J)		0.044 (J)		
3/18/2020		0.055 (J)		0.091 (J)	
3/19/2020	<0.1		<0.1		0.038 (J)
9/9/2020	0.034 (J)	0.033 (J)			
9/10/2020			0.051 (J)	0.063 (J)	0.1
4/1/2021		0.043 (J)			
4/2/2021					0.097 (J)
4/6/2021				0.045 (J)	
6/1/2021	0.026 (J)		0.033 (J)		
8/11/2021	0.047 (J)		0.051 (J)		
8/12/2021		0.054 (J)		0.084 (J)	0.11
2/15/2022		0.072 (J)		0.092 (J)	0.13
2/16/2022	0.028 (J)		<0.1		
8/25/2022	0.042 (J)		0.05 (J)	0.059 (J)	0.077 (J)
8/26/2022		0.048 (J)			
2/27/2023		0.055 (J)			0.075 (J)
2/28/2023	0.079 (J)		0.089 (J)	0.08 (J)	
8/8/2023	0.067 (J)		0.053 (J)		0.1
8/9/2023		0.068 (J)		0.076 (J)	
2/29/2024	<0.1				<0.1
3/1/2024		<0.1	<0.1		
3/4/2024				<0.1	
8/6/2024	<0.1	0.049 (J)	<0.1		
8/7/2024				0.059 (J)	<0.1

Time Series

Constituent: Fluoride (mg/L) Analysis Run 12/2/2024 10:20 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
4/12/2016		0.061 (J)			
4/13/2016			0.061 (JD)		0.083 (JD)
4/19/2016	0.024 (J)			0.135 (J)	
6/20/2016		<0.1	0.12 (J)		
6/22/2016	<0.1				0.03 (J)
8/15/2016			<0.1		<0.1
8/16/2016	<0.1	<0.1			
10/6/2016	<0.1	<0.1	<0.1		<0.1
10/10/2016				0.12 (J)	
11/30/2016		<0.1			
12/1/2016	<0.1		<0.1	0.12 (J)	<0.1
2/8/2017					<0.1
2/9/2017	<0.1	<0.1	<0.1	0.11 (J)	
4/6/2017	<0.1	<0.1			<0.1
4/7/2017			<0.1	0.15 (J)	
6/21/2017	<0.1	<0.1		0.21	<0.1
6/22/2017			<0.1		
8/15/2017				0.1 (J)	
9/1/2017				0.084 (J)	
10/5/2017	<0.1				0.084 (J)
10/6/2017		<0.1	<0.1		
3/21/2018		<0.1			<0.1
3/22/2018	<0.1		<0.1	0.091 (J)	
10/2/2018					<0.1
10/3/2018	<0.1	<0.1			
10/4/2018			<0.1	0.14 (J+X)	
3/26/2019		0.058 (J)			
3/27/2019	0.038 (J)		0.04 (J)	0.071 (J)	0.066 (J)
9/11/2019	0.045 (J)	0.058 (J)	0.057 (J)	0.071 (J)	0.067 (J)
3/18/2020	0.055 (J)	0.082 (J)		0.073 (J)	0.096 (J)
3/19/2020			<0.1		
9/9/2020	0.033 (J)			0.038 (J)	0.067 (J)
9/10/2020		0.052 (J)	0.053 (J)		
4/1/2021	0.029 (J)		0.072 (J)		0.072 (J)
6/1/2021				0.034 (J)	
6/2/2021		0.038 (J)			
8/11/2021		0.055 (J)	0.058 (J)		
8/12/2021	0.045 (J)			0.087 (J)	0.085 (J)
2/15/2022	0.16	0.095 (J)	0.083 (J)	0.096 (J)	0.096 (J)
5/12/2022	0.03 (J,R)				
8/25/2022	0.047 (J)	0.058 (J)	0.051 (J)	0.059 (J)	0.064 (J)
2/27/2023		0.072 (J)	0.054 (J)	0.097 (J)	0.07 (J)
2/28/2023	0.065 (J)				
8/8/2023	0.066 (J)	0.1	0.084 (J)	0.053 (J)	0.088 (J)
2/29/2024	<0.1	<0.1	<0.1	<0.1	
3/1/2024					<0.1
8/6/2024	<0.1		0.048 (J)	<0.1	0.07 (J)
8/7/2024		0.065 (J)			

Time Series

Constituent: Lead, Total (mg/L) Analysis Run 12/2/2024 10:20 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
5/8/2010			<0.001		
5/9/2010	<0.001	0.0021 (J)			
5/10/2010					<0.001
5/11/2010				<0.001	
6/16/2010		0.0028 (J)	0.0021 (J)		0.002 (J)
6/17/2010				0.0026 (J)	
6/18/2010	<0.001				
7/26/2010			<0.001		
7/27/2010		<0.001		<0.001	
7/28/2010	<0.001				<0.001
9/7/2010		<0.001	<0.001		
9/8/2010					<0.001
9/9/2010	<0.001			<0.001	
4/28/2011				0.0036 (J)	
4/29/2011		0.0032 (J)	0.0024 (J)		0.003 (J)
4/30/2011	<0.001				
10/27/2011					0.0027 (J)
10/28/2011	<0.001	0.0025 (J)	0.002 (J)		
10/29/2011				0.0038 (J)	
5/2/2012	<0.001	<0.001	<0.001		
5/3/2012				<0.001	
5/4/2012					<0.001
11/9/2012	<0.001	0.0024 (J)	<0.001	0.0024 (J)	
11/11/2012					0.0022 (J)
5/8/2013	<0.001	0.0051	0.0034 (J)		
5/9/2013				0.0085	0.007
11/5/2013	<0.001			0.0042 (J)	0.0048 (J)
11/6/2013		0.0033 (J)	0.0028 (J)		
5/20/2014	<0.001	<0.001	<0.001		
5/21/2014					<0.001
5/23/2014				<0.001	
11/8/2014		<0.001	<0.001		
11/12/2014	<0.001				0.002 (J)
11/13/2014				<0.001	
5/22/2015	<0.001	0.0036 (J)	0.0032 (J)		
5/23/2015				0.0044 (J)	0.0035 (J)
11/9/2015		0.0039 (J)	<0.001		
11/11/2015	<0.001			0.0042 (J)	
11/12/2015					0.0032 (J)
4/6/2016	<0.001	<0.001	<0.001		
4/12/2016				<0.001	
4/13/2016					<0.001 (D)
6/15/2016	<0.001	<0.001	<0.001		
6/16/2016				<0.001	
6/21/2016					<0.001
8/10/2016	<0.001	<0.001	<0.001		
8/11/2016				<0.001	
8/15/2016					<0.001
10/4/2016	<0.001	<0.001		<0.001	
10/5/2016			<0.001		<0.001
11/29/2016		<0.001	<0.001		
11/30/2016	<0.001			<0.001	

Time Series

Constituent: Lead, Total (mg/L) Analysis Run 12/2/2024 10:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
12/1/2016					<0.001
2/7/2017	<0.001	<0.001	<0.001	<0.001	
2/8/2017					<0.001
4/4/2017	<0.001	<0.001	<0.001		
4/5/2017				<0.001	
4/6/2017					<0.001
6/20/2017	<0.001	<0.001	<0.001	<0.001	
6/21/2017					<0.001
10/4/2017	<0.001			0.00067 (J)	
10/5/2017		<0.001	<0.001		<0.001
3/20/2018	<0.001 (D)	<0.001	<0.001	<0.001	
3/21/2018					<0.001
10/2/2018	<0.001	<0.001	<0.001	<0.001	<0.001
3/26/2019	<0.001	<0.001	<0.001	<0.001	
3/27/2019					<0.001
9/10/2019	<0.001	0.00016 (J)	0.00022 (J)	<0.001	
9/11/2019					<0.001
3/18/2020	<0.001	<0.001	<0.001	0.00023 (J)	<0.001
9/9/2020	<0.001	<0.001	<0.001	<0.001	<0.001
4/1/2021	<0.001	<0.001	<0.001	<0.001	<0.001
8/11/2021	<0.001	<0.001	<0.001		
8/18/2021				<0.001	
10/18/2021					<0.001
2/15/2022	<0.001	<0.001	<0.001	<0.001	<0.001
8/24/2022			<0.001	<0.001	
8/25/2022	<0.001	<0.001			<0.001
2/21/2023					<0.001
2/27/2023				<0.001	
2/28/2023	<0.001	<0.001	<0.001		
8/3/2023	<0.001	<0.001	<0.001		
8/9/2023				<0.001	<0.001
2/28/2024		<0.001	<0.001		
3/1/2024				0.00028 (J)	<0.001
3/4/2024	<0.001				
8/6/2024	<0.001	<0.001	<0.001	<0.001	<0.001

Time Series

Constituent: Lead, Total (mg/L) Analysis Run 12/2/2024 10:20 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
5/9/2010		<0.001	<0.001	<0.001	
5/10/2010	<0.001				<0.001
6/16/2010	<0.001				0.0023 (J)
6/18/2010		<0.001	0.0021	<0.001	
7/26/2010					<0.001
7/27/2010	<0.001	<0.001			
7/28/2010				<0.001	
7/29/2010			<0.001		
9/7/2010					<0.001
9/8/2010	<0.001	<0.001			
9/9/2010			<0.001	<0.001	
4/26/2011			<0.001		
4/29/2011	0.0032 (J)	<0.001			0.0033 (J)
4/30/2011				<0.001	
10/27/2011	0.0027 (J)				
10/28/2011		<0.001	<0.001	<0.001	0.0023 (J)
5/2/2012					<0.001
5/3/2012		<0.001		<0.001	
5/4/2012	<0.001		<0.001		
11/9/2012					<0.001
11/10/2012	0.0025 (J)	<0.001		<0.001	
11/11/2012			<0.001		
5/8/2013			0.0036	0.0024	0.0052
5/9/2013	0.0051	<0.001			
11/5/2013				0.0028	
11/6/2013	0.0037 (J)	<0.001			0.003 (J)
11/7/2013			<0.001		
5/20/2014	<0.001	<0.001	<0.001	<0.001	
5/23/2014					<0.001
11/8/2014					<0.001
11/12/2014	<0.001	<0.001	<0.001	<0.001	
5/22/2015					0.0023 (J)
5/23/2015		<0.001			
5/24/2015	0.0037 (J)		<0.001	<0.001	
11/10/2015					0.0025 (J)
11/11/2015				<0.001	
11/12/2015	0.0038 (J)	<0.001	<0.001		
4/11/2016					<0.001
4/13/2016	<0.001 (D)	<0.001 (D)	<0.001 (D)	<0.001 (D)	
6/16/2016					<0.001
6/21/2016	<0.001	<0.001	<0.001	<0.001	
8/11/2016					<0.001
8/15/2016	<0.001	<0.001	<0.001	<0.001	
10/4/2016				<0.001	
10/5/2016	<0.001	<0.001			<0.001
10/7/2016			<0.001		
11/29/2016					<0.001
12/1/2016	<0.001	<0.001	<0.001	<0.001	
2/7/2017				<0.001	
2/8/2017	<0.001	<0.001			<0.001
2/9/2017			<0.001		
4/5/2017		<0.001			

Time Series

Constituent: Lead, Total (mg/L) Analysis Run 12/2/2024 10:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
4/6/2017	<0.001		<0.001	<0.001	<0.001
6/20/2017	<0.001	<0.001		<0.001	
6/21/2017					<0.001
6/22/2017			<0.001		
10/5/2017	<0.001	<0.001		<0.001	<0.001
10/6/2017			0.00061 (J)		
3/20/2018				<0.001	<0.001
3/21/2018	<0.001	<0.001 (D)			
3/22/2018			<0.001		
10/2/2018	<0.001	<0.001		<0.001	<0.001
10/3/2018			<0.001		
3/26/2019		<0.001	<0.001	<0.001	<0.001
3/27/2019	<0.001				
9/11/2019	<0.001	<0.001	<0.001	<0.001	<0.001
3/18/2020	0.0017	<0.001	<0.001	<0.001	<0.001
9/9/2020				<0.001	<0.001
9/10/2020	0.00014 (J)	<0.001	<0.001		
4/1/2021	<0.001	<0.001		<0.001	<0.001
4/6/2021			<0.001		
8/11/2021	<0.001	<0.001	<0.001	<0.001	<0.001
2/16/2022	<0.001	<0.001	<0.001	<0.001	<0.001
8/25/2022	<0.001				<0.001
8/26/2022		<0.001	<0.001	<0.001	
2/27/2023	<0.001	<0.001	<0.001	<0.001	
2/28/2023					<0.001
8/9/2023	<0.001	<0.001	<0.001	<0.001	<0.001
2/29/2024	0.0012	<0.001			<0.001
3/1/2024			<0.001	<0.001	
8/6/2024	<0.001	<0.001	<0.001		<0.001
8/8/2024				<0.001	

Time Series

Constituent: Lead, Total (mg/L) Analysis Run 12/2/2024 10:20 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
5/11/2010	<0.001	<0.001	0.0026 (J)	0.011 (o)	<0.001
6/16/2010	0.0022 (J)				
6/17/2010			0.0021 (J)	0.0027 (J)	<0.001
6/19/2010		0.003 (J)			
7/27/2010	<0.001	<0.001	<0.001		
7/28/2010				<0.001	<0.001
9/7/2010	<0.001		<0.001	<0.001	
9/8/2010					0.002 (J)
9/9/2010		<0.001			
4/28/2011		0.0037 (J)			0.0042 (J)
4/29/2011	0.0029 (J)		0.0032 (J)	0.0038 (J)	
10/28/2011	0.0021 (J)	0.003 (J)	0.0025 (J)	<0.001	
10/29/2011					0.0036 (J)
5/2/2012	<0.001				
5/3/2012		<0.001	<0.001	<0.001	<0.001
11/9/2012	0.002 (J)	0.003 (J)		0.0029 (J)	
11/10/2012			<0.001		0.0023 (J)
5/9/2013	0.0056	0.0063	0.0056		
5/10/2013				0.0061	0.0062
11/5/2013		0.0043 (J)			
11/6/2013	0.0035 (J)		0.0032 (J)	0.0025 (J)	0.0043 (J)
5/22/2014	<0.001	<0.001	<0.001	<0.001	<0.001
11/8/2014	<0.001				
11/9/2014			<0.001	<0.001	<0.001
11/13/2014		0.0021 (J)			
5/22/2015				0.0034 (J)	0.0046 (J)
5/23/2015	0.0047 (J)				
5/24/2015		0.0043 (J)	0.0044 (J)		
11/10/2015	0.0044 (J)		0.0038 (J)	0.0021 (J)	
11/11/2015		0.0032 (J)			0.0028 (J)
4/11/2016	<0.001				
4/12/2016		<0.001	<0.001	<0.001 (D)	<0.001
6/16/2016	<0.001	<0.001	<0.001		
6/20/2016				<0.001	<0.001
8/11/2016	<0.001	<0.001	<0.001		
8/12/2016				<0.001	<0.001
10/4/2016		<0.001			
10/5/2016	<0.001		<0.001	<0.001	
10/6/2016					<0.001
11/29/2016	<0.001				
11/30/2016		<0.001	<0.001	<0.001	<0.001
2/7/2017		<0.001			
2/8/2017	<0.001		<0.001	<0.001	<0.001
4/5/2017	0.0009 (J)				
4/6/2017		<0.001	<0.001	<0.001	<0.001
6/20/2017		<0.001			
6/21/2017	<0.001		<0.001	<0.001	
6/22/2017					<0.001
10/4/2017		<0.001			
10/5/2017	0.0015		<0.001	<0.001	
10/6/2017					<0.001
3/20/2018	<0.001	<0.001			

Time Series

Constituent: Lead, Total (mg/L) Analysis Run 12/2/2024 10:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
3/21/2018			<0.001	<0.001	<0.001
10/2/2018	<0.001	<0.001			
10/3/2018			<0.001	0.00037 (J)	<0.001
3/26/2019	<0.001	<0.001	<0.001	<0.001	<0.001
9/10/2019		<0.001		<0.001	<0.001
9/12/2019	<0.001		<0.001		
3/18/2020		0.00014 (J)		<0.001	
3/19/2020	<0.001		<0.001		0.00019 (J)
9/9/2020	<0.001	<0.001			
9/10/2020			<0.001	<0.001	<0.001
4/1/2021		<0.001			
4/2/2021					<0.001
4/5/2021	0.00014 (J)		<0.001		
4/6/2021				<0.001	
8/11/2021	<0.001		<0.001		
8/12/2021		<0.001		0.00014 (J)	<0.001
2/15/2022		<0.001		<0.001	<0.001
2/16/2022	<0.001		<0.001		
8/25/2022	<0.001		<0.001	<0.001	<0.001
8/26/2022		<0.001			
2/27/2023		<0.001			<0.001
2/28/2023	<0.001		<0.001	<0.001	
8/8/2023	<0.001		<0.001		<0.001
8/9/2023		<0.001		<0.001	
2/29/2024	<0.001				<0.001
3/1/2024		<0.001	<0.001		
3/4/2024				<0.001	
8/6/2024	<0.001	<0.001	<0.001		
8/7/2024				<0.001	<0.001

Time Series

Constituent: Lead, Total (mg/L) Analysis Run 12/2/2024 10:20 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
5/10/2010			<0.001	<0.001	<0.001
5/11/2010	<0.001	<0.001			
6/16/2010					0.003 (J)
6/18/2010	0.0024	<0.001	0.0027 (J)		
6/19/2010				<0.001	
7/27/2010	<0.001	<0.001			<0.001
7/28/2010			<0.001	<0.001	
9/8/2010				0.0023 (J)	<0.001
9/9/2010	<0.001	<0.001	0.002 (J)		
4/29/2011	0.0028				0.0039 (J)
4/30/2011		0.0034 (J)	0.0037 (J)	0.011 (O)	
10/27/2011				0.0055	0.0043 (J)
10/28/2011	<0.001				
10/29/2011		0.0041 (J)	0.0025 (J)		
5/3/2012					<0.001
5/4/2012	<0.001	<0.001	<0.001	0.0029 (J)	
11/10/2012	<0.001	0.0023 (J)	0.003 (J)		
11/11/2012				0.0052	0.0025 (J)
5/9/2013	0.0061	0.0067	0.0064		0.0067
5/10/2013				0.023 (O)	
11/6/2013	0.0034				0.0069
11/7/2013		0.0048 (J)	0.0037 (J)	0.0083	
5/21/2014		<0.001	<0.001	<0.001	<0.001
5/22/2014	<0.001				
11/9/2014	<0.001	<0.001			
11/12/2014			<0.001		0.002 (J)
11/13/2014				0.0085	
5/23/2015				0.0077	0.003 (J)
5/24/2015	0.0093 (O)	0.0045 (J)	0.0053 (J)		
11/11/2015	0.0071	0.0048 (J)	0.0022 (J)	0.008	
11/12/2015					0.0044 (J)
4/12/2016		<0.001			
4/13/2016			<0.001 (D)		<0.001 (D)
4/19/2016	<0.001			<0.001	
6/20/2016		<0.001	<0.001		
6/22/2016	<0.001				<0.001
8/12/2016		<0.001			
8/15/2016			<0.001		<0.001
8/16/2016	<0.001				
10/6/2016	<0.001	<0.001	<0.001		<0.001
10/10/2016				<0.001	
11/30/2016		<0.001			
12/1/2016	<0.001		<0.001	0.00047 (J)	<0.001
2/8/2017					<0.001
2/9/2017	<0.001	<0.001	<0.001	0.0012 (J)	
4/6/2017	<0.001	<0.001			<0.001
4/7/2017			<0.001	<0.001	
6/21/2017	<0.001	<0.001		<0.001	<0.001
6/22/2017			<0.001		
8/15/2017				<0.001	
9/1/2017				<0.001	
10/5/2017	<0.001				<0.001

Time Series

Constituent: Lead, Total (mg/L) Analysis Run 12/2/2024 10:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
10/6/2017		<0.001	<0.001		
10/9/2017				<0.001	
3/21/2018		<0.001			<0.001
3/22/2018	<0.001		<0.001	<0.001	
10/2/2018					<0.001
10/3/2018	<0.001	<0.001			
10/4/2018			<0.001	<0.001	
3/26/2019		<0.001			
3/27/2019	<0.001		<0.001	<0.001	<0.001
9/11/2019	<0.001	<0.001	<0.001	<0.001	<0.001
3/18/2020	<0.001	<0.001		<0.001	<0.001
3/19/2020			<0.001		
9/9/2020	<0.001			<0.001	<0.001
9/10/2020		<0.001	0.00017 (J)		
4/1/2021	<0.001		<0.001		<0.001
4/5/2021		<0.001		0.00034 (J)	
8/11/2021		<0.001	0.00014 (J)		
8/12/2021	<0.001			<0.001	<0.001
2/15/2022	<0.001	<0.001	<0.001	<0.001	<0.001
8/25/2022	<0.001	<0.001	<0.001	<0.001	<0.001
2/27/2023		<0.001	<0.001	<0.001	<0.001
2/28/2023	<0.001				
8/8/2023	<0.001	<0.001	<0.001	<0.001	<0.001
2/29/2024	<0.001	<0.001	<0.001	0.00021 (J)	
3/1/2024					<0.001
8/6/2024	<0.001		<0.001	<0.001	<0.001
8/7/2024		<0.001			

Time Series

Constituent: Mercury (mg/L) Analysis Run 12/2/2024 10:20 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
5/8/2010			<0.0002		
5/9/2010	<0.0002	<0.0002			
5/10/2010					<0.0002
5/11/2010				<0.0002	
6/16/2010		<0.0002	<0.0002		<0.0002
6/17/2010				<0.0002	
6/18/2010	<0.0002				
7/26/2010			<0.0002		
7/27/2010		<0.0002		<0.0002	
7/28/2010	<0.0002				<0.0002
9/7/2010		7.4E-05 (J)	7.8E-05 (J)		
9/8/2010					8.8E-05 (J)
9/9/2010	<0.0002			<0.0002	
4/28/2011				<0.0002	
4/29/2011		<0.0002	<0.0002		<0.0002
4/30/2011	<0.0002				
10/27/2011					<0.0002
10/28/2011	<0.0002	<0.0002	<0.0002		
10/29/2011				<0.0002	
5/2/2012	<0.0002	<0.0002	<0.0002		
5/3/2012				<0.0002	
5/4/2012					<0.0002
11/9/2012	<0.0002	<0.0002	<0.0002	<0.0002	
11/11/2012					<0.0002
5/8/2013	7E-05 (J)	8E-05 (J)	<0.0002		
5/9/2013				<0.0002	<0.0002
11/5/2013	<0.0002			7.3E-05 (J)	0.00011 (J)
11/6/2013		0.00014	0.00011		
5/20/2014	<0.0002	<0.0002	<0.0002		
5/21/2014					<0.0002
5/23/2014				<0.0002	
11/8/2014		<0.0002	<0.0002		
11/12/2014	<0.0002				<0.0002
11/13/2014				<0.0002	
5/22/2015	7.2E-05 (J)	<0.0002	7.1E-05 (J)		
5/23/2015				<0.0002	<0.0002
11/9/2015		<0.0002	<0.0002		
11/11/2015	<0.0002			<0.0002	
11/12/2015					<0.0002
4/6/2016	<0.0002	<0.0002	<0.0002		
4/12/2016				<0.0002	
4/13/2016					<0.0002 (D)
6/15/2016	<0.0002	<0.0002	<0.0002		
6/16/2016				<0.0002	
6/21/2016					<0.0002
8/10/2016	<0.0002	<0.0002	<0.0002		
8/11/2016				<0.0002	
8/15/2016					<0.0002
10/4/2016	<0.0002	<0.0002		<0.0002	
10/5/2016			<0.0002		<0.0002
11/29/2016		<0.0002	<0.0002		
11/30/2016	<0.0002			<0.0002	

Time Series

Constituent: Mercury (mg/L) Analysis Run 12/2/2024 10:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
12/1/2016					<0.0002
2/7/2017	<0.0002	<0.0002	<0.0002	7E-05 (J)	
2/8/2017					7.6E-05 (J)
4/4/2017	<0.0002	<0.0002	<0.0002		
4/5/2017				<0.0002	
4/6/2017					<0.0002
6/20/2017	<0.0002	<0.0002	<0.0002	<0.0002	
6/21/2017					<0.0002
10/4/2017	<0.0002			<0.0002	
10/5/2017		<0.0002	<0.0002		<0.0002
3/20/2018	<0.0002 (XD)	<0.0002	<0.0002 (X)	<0.0002 (X)	
3/21/2018					<0.0002
10/2/2018	<0.0002 (X)	<0.0002 (X)	<0.0002 (X)	<0.0002 (X)	<0.0002 (X)
3/26/2019	<0.0002	<0.0002	<0.0002	<0.0002	
3/27/2019					<0.0002
9/10/2019	<0.0002	<0.0002	<0.0002	<0.0002	
9/11/2019					<0.0002
3/18/2020	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
9/9/2020	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
4/1/2021	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
8/11/2021	<0.0002	<0.0002	<0.0002		
8/17/2021					<0.0002
8/18/2021				<0.0002	
2/15/2022	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
8/24/2022			<0.0002	<0.0002	
8/25/2022	<0.0002	<0.0002			<0.0002
2/21/2023					<0.0002
2/27/2023				<0.0002	
2/28/2023	<0.0002	<0.0002	<0.0002		
8/3/2023	<0.0002	<0.0002	<0.0002		
8/9/2023				<0.0002	<0.0002
2/28/2024		<0.0002	<0.0002		
3/1/2024				<0.0002	<0.0002
3/4/2024	<0.0002				
8/6/2024	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002

Time Series

Constituent: Mercury (mg/L) Analysis Run 12/2/2024 10:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
5/9/2010		<0.0002	8.2E-05 (J)	9.1E-05 (J)	
5/10/2010	<0.0002				<0.0002
6/16/2010	<0.0002				<0.0002
6/18/2010		<0.0002	<0.0002	<0.0002	
7/26/2010					<0.0002
7/27/2010	<0.0002	<0.0002			
7/28/2010				<0.0002	
7/29/2010			<0.0002		
9/7/2010					<0.0002
9/8/2010	<0.0002	<0.0002			
9/9/2010			<0.0002	<0.0002	
4/26/2011			<0.0002		
4/29/2011	<0.0002	<0.0002			<0.0002
4/30/2011				<0.0002	
10/27/2011	<0.0002				
10/28/2011		<0.0002	<0.0002	<0.0002	<0.0002
5/2/2012					<0.0002
5/3/2012		<0.0002		<0.0002	
5/4/2012	<0.0002		<0.0002		
11/9/2012					<0.0002
11/10/2012	<0.0002	<0.0002		<0.0002	
11/11/2012			<0.0002		
5/8/2013			<0.0002	<0.0002	<0.0002
5/9/2013	0.00019	<0.0002			
11/5/2013				0.00016	
11/6/2013	0.00014	<0.0002			<0.0002
11/7/2013			0.0001		
5/20/2014	<0.0002	<0.0002	<0.0002	<0.0002	
5/23/2014					<0.0002
11/8/2014					<0.0002
11/12/2014	<0.0002	<0.0002	<0.0002	<0.0002	
5/22/2015					<0.0002
5/23/2015		<0.0002			
5/24/2015	<0.0002		<0.0002	<0.0002	
11/10/2015					<0.0002
11/11/2015				<0.0002	
11/12/2015	<0.0002	<0.0002	<0.0002		
4/11/2016					<0.0002
4/13/2016	<0.0002 (D)	<0.0002 (D)	<0.0002 (D)	<0.0002 (D)	
6/16/2016					<0.0002
6/21/2016	<0.0002	<0.0002	<0.0002	<0.0002	
8/11/2016					<0.0002
8/15/2016	<0.0002	<0.0002	<0.0002	<0.0002	
10/4/2016				<0.0002	
10/5/2016	<0.0002	<0.0002			<0.0002
10/7/2016			<0.0002		
11/29/2016					<0.0002
12/1/2016	<0.0002	<0.0002	<0.0002	<0.0002	
2/7/2017				<0.0002	
2/8/2017	<0.0002	<0.0002			8.9E-05
2/9/2017			<0.0002		
4/5/2017		<0.0002			

Time Series

Constituent: Mercury (mg/L) Analysis Run 12/2/2024 10:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
4/6/2017	<0.0002		<0.0002	<0.0002	<0.0002
6/20/2017	<0.0002	<0.0002		<0.0002	
6/21/2017					<0.0002
6/22/2017			<0.0002		
10/5/2017	<0.0002	<0.0002		<0.0002	<0.0002
10/6/2017			<0.0002		
3/20/2018				<0.0002	<0.0002
3/21/2018	<0.0002	<0.0002 (D)			
3/22/2018			<0.0002 (X)		
10/2/2018	<0.0002 (X)	<0.0002 (X)		<0.0002 (X)	<0.0002 (X)
10/3/2018			<0.0002 (X)		
3/26/2019		<0.0002	<0.0002	<0.0002	<0.0002
3/27/2019	<0.0002				
9/11/2019	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
3/18/2020	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
9/9/2020				<0.0002	<0.0002
9/10/2020	<0.0002	<0.0002	<0.0002		
4/1/2021	<0.0002	<0.0002		<0.0002	<0.0002
4/6/2021			<0.0002		
8/11/2021	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
2/16/2022	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
8/25/2022	<0.0002				<0.0002
8/26/2022		<0.0002	<0.0002	<0.0002	
2/27/2023	<0.0002	<0.0002	<0.0002	<0.0002	
2/28/2023					<0.0002
8/9/2023	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
2/29/2024	<0.0002	<0.0002			<0.0002
3/1/2024			<0.0002	<0.0002	
8/6/2024	<0.0002	<0.0002	<0.0002		<0.0002
8/8/2024				<0.0002	

Time Series

Constituent: Mercury (mg/L) Analysis Run 12/2/2024 10:20 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
5/11/2010	<0.0002	<0.0002	8.5E-05	<0.0002	<0.0002
6/16/2010	<0.0002				
6/17/2010			<0.0002	<0.0002	<0.0002
6/19/2010		<0.0002			
7/27/2010	<0.0002	<0.0002	<0.0002		
7/28/2010				<0.0002	<0.0002
9/7/2010	0.00011		0.0001	0.00012	
9/8/2010					<0.0002
9/9/2010		9.3E-05			
4/28/2011		<0.0002			<0.0002
4/29/2011	<0.0002		<0.0002	<0.0002	
10/28/2011	<0.0002	<0.0002	<0.0002	<0.0002	
10/29/2011					<0.0002
5/2/2012	<0.0002				
5/3/2012		<0.0002	<0.0002	<0.0002	<0.0002
11/9/2012	<0.0002	<0.0002		<0.0002	
11/10/2012			<0.0002		<0.0002
5/9/2013	<0.0002	<0.0002	<0.0002		
5/10/2013				0.00014	0.00012
11/5/2013		0.00011			
11/6/2013	<0.0002		<0.0002	0.00014	<0.0002
5/22/2014	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
11/8/2014	<0.0002				
11/9/2014			<0.0002	<0.0002	<0.0002
11/13/2014		<0.0002			
5/22/2015				<0.0002	<0.0002
5/23/2015	<0.0002				
5/24/2015		<0.0002	<0.0002		
11/10/2015	<0.0002		<0.0002	<0.0002	
11/11/2015		<0.0002			<0.0002
4/11/2016	<0.0002				
4/12/2016		<0.0002	<0.0002	<0.0002 (D)	<0.0002
6/16/2016	<0.0002	<0.0002	<0.0002		
6/20/2016				<0.0002	<0.0002
8/11/2016	<0.0002	<0.0002	<0.0002		
8/12/2016				<0.0002	<0.0002
10/4/2016		<0.0002			
10/5/2016	<0.0002		<0.0002	<0.0002	
10/6/2016					<0.0002
11/29/2016	<0.0002				
11/30/2016		<0.0002	<0.0002	<0.0002	<0.0002
2/7/2017		<0.0002			
2/8/2017	7.6E-05 (J)		7.5E-05 (J)	<0.0002	<0.0002
4/5/2017	<0.0002				
4/6/2017		<0.0002	<0.0002	<0.0002	<0.0002
6/20/2017		<0.0002			
6/21/2017	<0.0002		<0.0002	<0.0002	
6/22/2017					<0.0002
10/4/2017		<0.0002			
10/5/2017	<0.0002		<0.0002	<0.0002	
10/6/2017					<0.0002
3/20/2018	<0.0002 (X)	<0.0002 (X)			

Time Series

Constituent: Mercury (mg/L) Analysis Run 12/2/2024 10:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
3/21/2018			<0.0002	<0.0002	<0.0002 (X)
10/2/2018	<0.0002 (X)	<0.0002			
10/3/2018			<0.0002 (X)	<0.0002 (X)	<0.0002 (X)
3/26/2019	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
9/10/2019		<0.0002		<0.0002	<0.0002
9/12/2019	<0.0002		<0.0002		
3/18/2020		<0.0002		<0.0002	
3/19/2020	<0.0002		<0.0002		<0.0002
9/9/2020	<0.0002	<0.0002			
9/10/2020			<0.0002	<0.0002	<0.0002
4/1/2021		<0.0002			
4/2/2021					<0.0002
4/6/2021				<0.0002	
6/1/2021	<0.0002		<0.0002		
8/11/2021	<0.0002		<0.0002		
8/12/2021		<0.0002		<0.0002	<0.0002
2/15/2022		<0.0002		<0.0002	<0.0002
2/16/2022	<0.0002		0.00015 (J)		
8/25/2022	<0.0002		<0.0002	<0.0002	<0.0002
8/26/2022		<0.0002			
2/27/2023		<0.0002			<0.0002
2/28/2023	<0.0002		<0.0002	<0.0002	
8/8/2023	<0.0002		<0.0002		<0.0002
8/9/2023		<0.0002		<0.0002	
2/29/2024	<0.0002				<0.0002
3/1/2024		<0.0002	<0.0002		
3/4/2024				<0.0002	
8/6/2024	<0.0002	<0.0002	<0.0002		
8/7/2024				<0.0002	<0.0002

Time Series

Constituent: Mercury (mg/L) Analysis Run 12/2/2024 10:20 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
5/10/2010			<0.0002	<0.0002	<0.0002
5/11/2010	<0.0002	<0.0002			
6/16/2010					<0.0002
6/18/2010	<0.0002	<0.0002	<0.0002		
6/19/2010				<0.0002	
7/27/2010	<0.0002	<0.0002			<0.0002
7/28/2010			<0.0002	<0.0002	
9/8/2010				0.00011 (J)	<0.0002
9/9/2010	<0.0002	0.00017	<0.0002		
4/29/2011	<0.0002				<0.0002
4/30/2011		<0.0002	<0.0002	<0.0002	
10/27/2011				<0.0002	<0.0002
10/28/2011	<0.0002				
10/29/2011		<0.0002	7E-05 (J)		
5/3/2012					<0.0002
5/4/2012	<0.0002	<0.0002	<0.0002	<0.0002	
11/10/2012	<0.0002	<0.0002	<0.0002		
11/11/2012				<0.0002	<0.0002
5/9/2013	0.00016	0.00014	<0.0002		<0.0002
5/10/2013				0.00014	
11/6/2013	<0.0002				8.8E-05
11/7/2013		0.00011	0.00016	0.00019	
5/21/2014		<0.0002	<0.0002	<0.0002	<0.0002
5/22/2014	<0.0002				
11/9/2014	<0.0002	<0.0002			
11/12/2014			<0.0002		<0.0002
11/13/2014				<0.0002	
5/23/2015				<0.0002	<0.0002
5/24/2015	<0.0002	<0.0002	<0.0002		
11/11/2015	<0.0002	<0.0002	<0.0002	<0.0002	
11/12/2015					<0.0002
4/12/2016		<0.0002			
4/13/2016			<0.0002 (D)		<0.0002 (D)
4/19/2016	<0.0002			<0.0002	
6/20/2016		<0.0002	<0.0002		
6/22/2016	<0.0002				<0.0002
8/12/2016		<0.0002			
8/15/2016			<0.0002		<0.0002
8/16/2016	<0.0002				
10/6/2016	<0.0002	<0.0002	<0.0002		<0.0002
10/10/2016				0.000155 (D)	
11/30/2016		<0.0002			
12/1/2016	<0.0002		<0.0002	<0.0002	<0.0002
2/8/2017					<0.0002
2/9/2017	<0.0002	<0.0002	<0.0002	<0.0002	
4/6/2017	<0.0002	<0.0002			<0.0002
4/7/2017			<0.0002	<0.0002	
6/21/2017	<0.0002	<0.0002		<0.0002	<0.0002
6/22/2017			<0.0002		
8/15/2017				<0.0002	
9/1/2017				<0.0002	
10/5/2017	<0.0002				<0.0002

Time Series

Constituent: Mercury (mg/L) Analysis Run 12/2/2024 10:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
10/6/2017		<0.0002	<0.0002		
10/9/2017				8.9E-05 (J)	
3/21/2018		<0.0002 (X)			<0.0002
3/22/2018	<0.0002 (X)		<0.0002 (X)	<0.0002 (X)	
10/2/2018					<0.0002 (X)
10/3/2018	<0.0002 (X)	<0.0002 (X)			
10/4/2018			<0.0002 (X)	<0.0002	
3/26/2019		<0.0002			
3/27/2019	<0.0002		<0.0002	<0.0002	<0.0002
9/11/2019	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
3/18/2020	<0.0002	<0.0002		<0.0002	<0.0002
3/19/2020			0.00011 (J)		
9/9/2020	<0.0002			<0.0002	<0.0002
9/10/2020		<0.0002	<0.0002		
4/1/2021	<0.0002		<0.0002		<0.0002
6/1/2021				<0.0002	
6/2/2021		<0.0002			
8/11/2021		<0.0002	<0.0002		
8/12/2021	<0.0002			<0.0002	<0.0002
2/15/2022	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
8/25/2022	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
2/27/2023		<0.0002	<0.0002	<0.0002	<0.0002
2/28/2023	<0.0002				
8/8/2023	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
2/29/2024	<0.0002	<0.0002	<0.0002	<0.0002	
3/1/2024					<0.0002
8/6/2024	<0.0002		<0.0002	<0.0002	<0.0002
8/7/2024		<0.0002			

Time Series

Constituent: Nickel (mg/L) Analysis Run 12/2/2024 10:20 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
5/8/2010			<0.001		
5/9/2010	<0.001	<0.001			
5/10/2010					<0.0018
5/11/2010				<0.0018	
6/16/2010		<0.001	<0.001		<0.0018
6/17/2010				<0.0018	
6/18/2010	<0.001				
7/26/2010			<0.001		
7/27/2010		<0.001		<0.0018	
7/28/2010	<0.001				<0.0018
9/7/2010		<0.001	<0.001		
9/8/2010					<0.0018
9/9/2010	<0.001			<0.0018	
4/28/2011				0.0086 (O)	
4/29/2011		<0.001	<0.001		<0.0018
4/30/2011	<0.001				
10/27/2011					<0.0018
10/28/2011	<0.001	<0.001	<0.001		
10/29/2011				<0.0018	
5/2/2012	<0.001	<0.001	<0.001		
5/3/2012				<0.0018	
5/4/2012					<0.0018
11/9/2012	<0.001	<0.001	<0.001	<0.0018	
11/11/2012					<0.0018
5/8/2013	<0.001	<0.001	<0.001		
5/9/2013				<0.0018	<0.0018
11/5/2013	<0.001			<0.0018	<0.0018
11/6/2013		<0.001	<0.001		
5/20/2014	<0.001	<0.001	<0.001		
5/21/2014					<0.0018
5/23/2014				<0.0018	
11/8/2014		<0.001	<0.001		
11/12/2014	<0.001				<0.0018
11/13/2014				<0.0018	
5/22/2015	<0.001	<0.001	<0.001		
5/23/2015				<0.0018	<0.0018
11/9/2015		<0.001	<0.001		
11/11/2015	<0.001			<0.0018	
11/12/2015					<0.0018
4/6/2016	0.00202 (J)	<0.001	<0.001		
4/12/2016				<0.0018	
4/13/2016					0.00271
10/4/2016	<0.001	<0.001		<0.0018	
10/5/2016			<0.001		<0.0018
4/4/2017	<0.001	<0.001	<0.001		
4/5/2017				<0.0018	
4/6/2017					<0.0018
10/4/2017	<0.001			<0.0018	
10/5/2017		<0.001	<0.001		<0.0018
3/20/2018	<0.001 (D)	0.04 (O)	<0.001	<0.0018	
3/21/2018					<0.0018
10/2/2018	<0.001	<0.001	<0.001	<0.0018	0.0018 (J)

Time Series

Constituent: Nickel (mg/L) Analysis Run 12/2/2024 10:20 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
3/26/2019	<0.001	<0.001	<0.001	<0.0018	
3/27/2019					<0.0018
9/10/2019	0.00081 (J)	0.00037 (J)	0.0012	0.00065 (J)	
9/11/2019					0.0016
3/18/2020	0.00043 (J)	<0.001	<0.001	0.00056 (J)	0.0016
9/9/2020	0.00069 (J)	<0.001	0.00048 (J)	0.00047 (J)	0.0021
4/1/2021	0.00049 (J)	<0.001	0.0004 (J)	0.00073 (J)	0.0012
8/11/2021	0.00051 (J)	<0.001	<0.001		
8/18/2021				0.0017	
10/18/2021					0.002
2/15/2022	0.00065 (J)	<0.001	<0.001	0.00052 (J)	0.0022
8/24/2022			0.00082 (J)	0.00086 (J)	
8/25/2022	0.001	<0.001			0.003
12/28/2022					0.0017 (R)
2/21/2023					0.0031
2/27/2023				0.0013	
2/28/2023	0.00057 (J)	<0.001	<0.001		
8/3/2023	0.00099 (J)	<0.001	<0.001		
8/9/2023				0.0071	0.0026
10/4/2023				0.00085 (JR)	
2/28/2024		<0.001	<0.001		
3/1/2024				0.00096 (J)	0.0048
3/4/2024	<0.001				
5/20/2024					0.0016 (R)
8/6/2024	0.00085 (J)	<0.001	<0.001	0.00059 (J)	0.0025

Time Series

Constituent: Nickel (mg/L) Analysis Run 12/2/2024 10:20 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
5/9/2010		<0.0018	<0.001	<0.001	
5/10/2010	<0.0018				<0.001
6/16/2010	<0.0018				<0.001
6/18/2010		<0.0018	<0.001	<0.001	
7/26/2010					<0.001
7/27/2010	<0.0018	<0.0018			
7/28/2010				<0.001	
7/29/2010			<0.001		
9/7/2010					<0.001
9/8/2010	<0.0018	<0.0018			
9/9/2010			<0.001	<0.001	
4/26/2011			<0.001		
4/29/2011	<0.0018	<0.0018			<0.001
4/30/2011				<0.001	
10/27/2011	<0.0018				
10/28/2011		<0.0018	<0.001	<0.001	<0.001
5/2/2012					<0.001
5/3/2012		<0.0018		<0.001	
5/4/2012	<0.0018		<0.001		
11/9/2012					<0.001
11/10/2012	<0.0018	<0.0018		<0.001	
11/11/2012			<0.001		
5/8/2013			<0.001	<0.001	<0.001
5/9/2013	<0.0018	<0.0018			
11/5/2013				<0.001	
11/6/2013	<0.0018	<0.0018			<0.001
11/7/2013			<0.001		
5/20/2014	<0.0018	<0.0018	<0.001	<0.001	
5/23/2014					<0.001
11/8/2014					<0.001
11/12/2014	<0.0018	<0.0018	<0.001	<0.001	
5/22/2015					0.0045 (O)
5/23/2015		<0.0018			
5/24/2015	<0.0018		<0.001	<0.001	
11/10/2015					<0.001
11/11/2015				<0.001	
11/12/2015	<0.0018	<0.0018	<0.001		
4/11/2016					<0.001
4/13/2016	<0.0018 (D)	<0.0018 (D)	<0.001 (D)	<0.001 (D)	
10/4/2016				<0.001	
10/5/2016	<0.0018	<0.0018			<0.001
10/7/2016			<0.001		
4/5/2017		<0.0018			
4/6/2017	<0.0018		<0.001	<0.001	<0.001
10/5/2017	<0.0018	<0.0018		<0.001	<0.001
10/6/2017			<0.001		
3/20/2018				<0.001	<0.001
3/21/2018	<0.0018	<0.0018 (D)			
3/22/2018			<0.001		
10/2/2018	<0.0018	<0.0018		<0.001	<0.001
10/3/2018			<0.001		
3/26/2019		<0.0018	<0.001	<0.001	<0.001

Time Series

Constituent: Nickel (mg/L) Analysis Run 12/2/2024 10:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
3/27/2019	<0.0018				
9/11/2019	0.00066 (J)	0.00084 (J)	0.00039 (J)	<0.001	0.00048 (J)
3/18/2020	0.0005 (J)	0.0006 (J)	0.00061 (J)	<0.001	0.00034 (J)
9/9/2020				<0.001	0.00064 (J)
9/10/2020	0.0012	0.00088 (J)	0.00044 (J)		
4/1/2021	0.00065 (J)	0.00065 (J)		<0.001	<0.001
4/6/2021			0.00053 (J)		
8/11/2021	0.0006 (J)	0.0008 (J)	<0.001	<0.001	<0.001
2/16/2022	0.0007 (J)	0.00076 (J)	<0.001	<0.001	<0.001
8/25/2022	0.00081 (J)				<0.001
8/26/2022		0.00096 (J)	<0.001	<0.001	
2/27/2023	0.00085 (J)	0.0011	<0.001	<0.001	
2/28/2023					<0.001
8/9/2023	0.00068 (J)	0.00094 (J)	0.00043 (J)	<0.001	<0.001
2/29/2024	0.00099 (J)	0.00092 (J)			<0.001
3/1/2024			0.00059 (J)	0.0081	
5/7/2024				<0.001 (R)	
8/6/2024	0.00086 (J)	0.0009 (J)	0.00046 (J)		<0.001
8/8/2024				<0.001	

Time Series

Constituent: Nickel (mg/L) Analysis Run 12/2/2024 10:20 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
5/11/2010	<0.001	0.0033 (O)	<0.001	<0.0018	<0.0018
6/16/2010	<0.001				
6/17/2010			<0.001	<0.0018	<0.0018
6/19/2010		<0.0018			
7/27/2010	<0.001	<0.0018	<0.001		
7/28/2010				0.019 (O)	<0.0018
9/7/2010	<0.001		<0.001	0.0093 (O)	
9/8/2010					<0.0018
9/9/2010		<0.0018			
4/28/2011		<0.0018			<0.0018
4/29/2011	<0.001		<0.001	<0.0018	
10/28/2011	<0.001	<0.0018	0.003 (J)	<0.0018	
10/29/2011					<0.0018
5/2/2012	<0.001				
5/3/2012		<0.0018	<0.001	<0.0018	<0.0018
11/9/2012	<0.001	<0.0018		0.0035 (J)	
11/10/2012			<0.001		<0.0018
5/9/2013	<0.001	<0.0018	<0.001		
5/10/2013				0.0081 (O)	<0.0018
11/5/2013		<0.0018			
11/6/2013	<0.001		<0.001	<0.0018	<0.0018
5/22/2014	<0.001	<0.0018	<0.001	<0.0018	<0.0018
11/8/2014	<0.001				
11/9/2014			<0.001	<0.0018	<0.0018
11/13/2014		<0.0018			
5/22/2015				<0.0018	<0.0018
5/23/2015	0.01 (O)				
5/24/2015		<0.0018	0.0063 (O)		
11/10/2015	<0.001		<0.001	<0.0018	
11/11/2015		<0.0018			<0.0018
4/11/2016	<0.001				
4/12/2016		0.00206 (J)	<0.001	<0.0018 (D)	<0.0018
10/4/2016		0.0023 (J)			
10/5/2016	<0.001		<0.001	<0.0018	
10/6/2016					0.0021 (J)
4/5/2017	<0.001				
4/6/2017		<0.0018	0.002 (J)	<0.0018	<0.0018
10/4/2017		0.0021 (J)			
10/5/2017	<0.001		<0.001	<0.0018	
10/6/2017					<0.0018
3/20/2018	<0.001	<0.0018			
3/21/2018			<0.001	0.0022 (J)	<0.0018
10/2/2018	<0.001	<0.0018			
10/3/2018			<0.001	0.0018 (J)	<0.0018
3/26/2019	<0.001	<0.0018	<0.001	<0.0018	0.0036
9/10/2019		0.0022		0.0016	0.00079 (J)
9/12/2019	0.0015		0.00097 (J)		
3/18/2020		0.0016		0.00091 (J)	
3/19/2020	0.00047 (J)		0.00098 (J)		0.00073 (J)
9/9/2020	0.00039 (J)	0.0016			
9/10/2020			0.00098 (J)	0.0014	0.0013
4/1/2021		0.0022			

Time Series

Constituent: Nickel (mg/L) Analysis Run 12/2/2024 10:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
4/2/2021					0.0012
4/5/2021	0.00047 (J)		0.00048 (J)		
4/6/2021				0.0018	
8/11/2021	<0.001		0.00056 (J)		
8/12/2021		0.0028		0.0029	0.00076 (J)
2/15/2022		0.0018		0.0013	0.00076 (J)
2/16/2022	<0.001		0.00055 (J)		
8/25/2022	0.0017		0.00074 (J)	0.0024	0.0015
8/26/2022		0.002			
2/27/2023		0.0038			0.0012
2/28/2023	0.0016		<0.001	0.0011	
8/8/2023	0.00051 (J)		0.00067 (J)		0.001
8/9/2023		0.0017		0.00078 (J)	
2/29/2024	0.00067 (J)				0.0015
3/1/2024		0.0018	0.00059 (J)		
3/4/2024				0.0014	
8/6/2024	0.00053 (J)	0.0029	<0.001		
8/7/2024				0.0016	0.0013
11/7/2024		0.002 (R)			

Time Series

Constituent: Nickel (mg/L) Analysis Run 12/2/2024 10:20 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
5/10/2010			<0.001	<0.0018	<0.001
5/11/2010	<0.001	0.0034			
6/16/2010					<0.001
6/18/2010	<0.001	0.0046	<0.001		
6/19/2010				<0.0018	
7/27/2010	<0.001	<0.0018			<0.001
7/28/2010			<0.001	<0.0018	
9/8/2010				<0.0018	<0.001
9/9/2010	<0.001	<0.0018	<0.001		
4/29/2011	<0.001				<0.001
4/30/2011		<0.0018	<0.001	0.008 (O)	
10/27/2011				0.0044 (J)	<0.001
10/28/2011	<0.001				
10/29/2011		<0.0018	<0.001		
5/3/2012					<0.001
5/4/2012	<0.001	<0.0018	<0.001	0.0032 (J)	
11/10/2012	<0.001	0.0053	<0.001		
11/11/2012				0.0069	<0.001
5/9/2013	<0.001	<0.0018	<0.001		<0.001
5/10/2013				0.0093 (O)	
11/6/2013	<0.001				<0.001
11/7/2013		<0.0018	<0.001	0.0033 (J)	
5/21/2014		<0.0018	<0.001	<0.0018	<0.001
5/22/2014	<0.001				
11/9/2014	<0.001	<0.0018			
11/12/2014			<0.001		<0.001
11/13/2014				0.0049 (J)	
5/23/2015				0.003 (J)	<0.001
5/24/2015	0.006 (O)	0.0047	0.0044		
11/11/2015	<0.001	<0.0018	<0.001	<0.0018	
11/12/2015					<0.001
4/12/2016		<0.0018			
4/13/2016			<0.001 (D)		<0.001 (D)
4/19/2016	0.00268 (J)			0.00247 (J)	
10/6/2016	<0.001	<0.0018	<0.001		<0.001
10/10/2016				<0.0018	
4/6/2017	0.0018 (J)	<0.0018			<0.001
4/7/2017			<0.001	0.0022 (J)	
10/5/2017	<0.001				<0.001
10/6/2017		<0.0018	<0.001		
10/9/2017				<0.0018	
3/21/2018		<0.0018			<0.001
3/22/2018	0.0019 (J)		<0.001	<0.0018	
10/2/2018					<0.001
10/3/2018	<0.001	<0.0018			
10/4/2018			<0.001	<0.0018	
3/26/2019		<0.0018			
3/27/2019	<0.001		<0.001	<0.0018	<0.001
9/11/2019	0.0007 (J)	0.00099 (J)	0.00046 (J)	0.0013	0.00063 (J)
3/18/2020	0.00068 (J)	0.00062 (J)		0.0044	<0.001
3/19/2020			<0.001		
9/9/2020	0.00039 (J)			0.0036	0.00046 (J)

Time Series

Constituent: Nickel (mg/L) Analysis Run 12/2/2024 10:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
9/10/2020		0.0009 (J)	0.0007 (J)		
4/1/2021	0.00042 (J)		0.00036 (J)		0.00058 (J)
4/5/2021		0.00088 (J)		0.0058	
8/11/2021		0.00074 (J)	<0.001		
8/12/2021	0.00061 (J)			0.0035	0.00045 (J)
2/15/2022	0.001	0.00089 (J)	<0.001	0.0055	<0.001
8/25/2022	0.00071 (J)	0.0013	0.0015	0.0053	0.0042
12/28/2022					0.00068 (J,R)
2/27/2023		0.0008 (J)	0.01	0.007	0.00091 (J)
2/28/2023	<0.001				
5/2/2023			<0.001	0.0062	
8/8/2023	<0.001	0.00075 (J)	<0.001	0.0087	0.00066 (J)
10/4/2023				0.0052 (R)	
2/29/2024	0.00049 (J)	0.00098 (J)	<0.001	0.0055	
3/1/2024					0.00086 (J)
8/6/2024	0.00046 (J)		<0.001	0.0046	0.00042 (J)
8/7/2024		0.00083 (J)			

Time Series

Constituent: pH (S.U.) Analysis Run 12/2/2024 10:20 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
5/20/2014	5.27	6.18	5.68		
5/21/2014					6.3
5/23/2014				6.46	
11/8/2014		6.52	6.04		
11/12/2014	5.7				6.49
11/13/2014				6.67	
5/22/2015	5.52	6.3	5.87		
5/23/2015				6.53	6.3
11/9/2015			5.97		
11/11/2015	5.63	6.36		6.71	
11/12/2015					6.45
4/6/2016	5.5 (D)	6.46 (D)	5.937 (D)		
4/12/2016				6.53 (D)	
4/13/2016					6.42 (D)
6/15/2016	5.52	6.39	5.96		
6/16/2016				6.49	
6/21/2016					6.36
8/10/2016	5.5	6.39	5.94		
8/11/2016				6.5	
8/15/2016					6.3
10/4/2016	5.56	6.4		6.5	
10/5/2016			5.86		6.25
11/29/2016		6.36	5.82		
11/30/2016	5.46			6.48	
12/1/2016					6.32
2/7/2017	5.28	6.45	6.15	6.38	
2/8/2017					6.04
4/1/2017	5.48				
4/4/2017	5.48	6.37	6		
4/5/2017				6.36	
4/6/2017					6.35
6/20/2017	5.44	6.4	6.34	6.45	
6/21/2017					6.2
10/4/2017	5.44			6.5	
10/5/2017		6.42	5.93		6.21
3/20/2018	5.48	6.36	5.97	6.63	
3/21/2018					6.56
10/2/2018	5.49	6.38	6.03	6.57	6.35
3/26/2019	5.41	6.42	6.12	6.54	
3/27/2019					6.53
3/18/2020	5.42	6.29	6.03	6.53	6.34
9/9/2020	5.71	6.33	6.05	6.57	6.4
4/1/2021	5.31	6.44	6.14	6.52	6.35
8/11/2021	5.5	6.35	6.14		
10/18/2021				6.36	6.25
2/15/2022	5.4	6.46	6.2	6.83	6.48
5/12/2022				6.55 (R)	6.31 (R)
8/24/2022			6.22	6.42	
8/25/2022	5.4	6.42			6.2
12/28/2022					6.36 (R)
2/21/2023					6.33
2/27/2023				6.56	

Time Series

Constituent: pH (S.U.) Analysis Run 12/2/2024 10:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
2/28/2023	5.4	6.45	6.19		
5/2/2023					6.3
8/3/2023	5.48	6.24	6.22		
8/9/2023				6.57	6.3
2/28/2024		6.49	6.41		
3/1/2024				6.71	6.47
3/4/2024	5.24				
5/20/2024					6.28 (R)
8/6/2024	5.48	6.35	6.21	6.61	6.22

Time Series

Constituent: pH (S.U.) Analysis Run 12/2/2024 10:20 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
5/20/2014	6.14	4.86	5.6	5.38	
5/23/2014					6.19
11/8/2014					6.42
11/12/2014	6.33	5.3	6.02	5.77	
5/22/2015					6.26
5/23/2015		5.04			
5/24/2015	6.04		5.81	5.53	
11/10/2015					6.29
11/11/2015				5.68	
11/12/2015	6.31	5.31	5.93		
4/11/2016					6.3 (D)
4/13/2016	6.17 (D)	5.22 (D)	5.88 (D)	5.58 (D)	
6/16/2016					6.34
6/21/2016	6.19	5.2	5.9	5.59	
8/11/2016					6.28
8/15/2016	6.15	5.12	5.86	5.56	
10/4/2016			5.85	5.66	
10/5/2016	6.1	5.07			6.27
10/7/2016		5.07	5.85		
11/29/2016					6.39
12/1/2016	6.15	5.08	5.85	5.54	
2/7/2017				5.42	
2/8/2017	5.9	4.76			6.35
2/9/2017			5.92		
4/5/2017		5.1			
4/6/2017	6.13		5.85	5.55	6.26
6/20/2017	6.12	5.13		5.57	
6/21/2017					6.24
6/22/2017			5.9		
10/5/2017	6.11	5.1		5.55	6.31
10/6/2017			5.88		
3/20/2018				5.73	6.34
3/21/2018	6.21	5.33			
3/22/2018			5.88		
10/2/2018	6.21	5.16		5.68	6.38
10/3/2018			5.95		
3/26/2019		5.25	5.89	5.63	6.38
3/27/2019	6.22				
3/18/2020	6.17	5.19	5.81	5.61	6.32
9/9/2020				5.88	6.3
9/10/2020	6.16	5.1	5.83		
4/1/2021	6.11	5.18		5.53	6.37
4/6/2021			5.95		
8/11/2021	6.21	5.2	5.92	5.61	6.43
2/16/2022	6.16	5.11	5.79	5.6	6.54
5/12/2022					6.39 (R)
8/25/2022	6.01				6.45
8/26/2022		5.07	5.91	5.51	
2/27/2023	6.19	5.2	5.94	5.62	
2/28/2023					6.36
8/9/2023	6.24	5.1	5.95	5.57	6.41
2/29/2024	6.26	5.24			6.51

Time Series

Constituent: pH (S.U.) Analysis Run 12/2/2024 10:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
3/1/2024			5.9	5.55	
5/7/2024				5.55 (R)	
8/6/2024	6.11	5.26	5.95		6.3
8/8/2024				5.56	

Time Series

Constituent: pH (S.U.) Analysis Run 12/2/2024 10:20 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
5/22/2014	6.37	6.74	6.33	5.82	6.17
11/8/2014	6.51				
11/9/2014			6.66	6.1	6.45
11/13/2014		6.94			
5/22/2015	6.35		6.49	5.92	6.26
5/24/2015		7			
11/10/2015	6.41		6.53		
11/11/2015		6.55			6.3
11/16/2015				6.02	
4/11/2016	6.36 (D)				
4/12/2016		6.52	6.53 (D)	5.97 (D)	6.44 (D)
6/16/2016	6.35	6.38	6.51		
6/20/2016				5.93	6.33
8/11/2016	6.37	6.38	6.49		
8/12/2016				5.86	
8/16/2016				5.86	6.3
10/4/2016		6.39			
10/5/2016	5.78 (O)		6.46	5.1 (O)	
10/6/2016					6.21
11/29/2016	6.44				
11/30/2016		6.38	6.5	5.88	6.26
2/7/2017		6.43			
2/8/2017	6.4		6.59	5.89	6.35
4/5/2017	6.35				
4/6/2017		6.23	6.47	5.84	6.29
6/20/2017		6.36			
6/21/2017	6.36		6.53	5.91	
6/22/2017					6.31
10/4/2017		6.35			
10/5/2017	6.41		6.51	5.93	
10/6/2017					5.9
3/20/2018	6.37	6.52			
3/21/2018			6.5	5.96	6.23
10/2/2018	6.41	6.51			
10/3/2018			6.48	5.97	6.25
3/26/2019	6.35	6.44	6.52	6.02	6.34
3/18/2020		6.41		5.9	
3/19/2020	6.27		6.47		6.32
9/9/2020	6.27	6.44			
9/10/2020			6.49	6.24	6.46
4/1/2021		7.32 (o)			
4/2/2021					6.35
4/5/2021	6.37		6.64		
4/6/2021				6.01	
6/1/2021	6.18		6.39		
8/11/2021	6.35		6.58		
8/12/2021		6.41		6.12	6.3
2/15/2022		6.61		5.87	6.37
2/16/2022	6.47		6.71		
5/12/2022			6.52 (R)		6.19 (R)
8/25/2022	6.36		6.62	5.99	6.19
8/26/2022		6.37			

Time Series

Constituent: pH (S.U.) Analysis Run 12/2/2024 10:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
12/28/2022	6.29 (R)		6.56 (R)		6.2 (R)
2/27/2023		6.41			6.17
2/28/2023	6.29		6.53	6	
5/2/2023				6.27	6.13
8/8/2023	6.32		6.59		6.3
8/9/2023		6.6		6.07	
2/29/2024	6.33				6.31
3/1/2024		6.5	6.73		
3/4/2024				6.11	
5/7/2024			6.5 (R)		
5/20/2024				5.9 (R)	6.08 (R)
8/6/2024	6.26	6.7	6.41		
8/7/2024				5.84	6.12
11/6/2024					6.15 (R)
11/7/2024		6.45 (R)		6 (R)	

Time Series

Constituent: pH (S.U.) Analysis Run 12/2/2024 10:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
5/21/2014		6.09	6.25	7.11	6.31
5/22/2014	5.89				
11/9/2014	6.14	6.36			
11/12/2014					6.81
11/13/2014				6.55	
5/23/2015				6.36	6.42
5/24/2015	5.7	6.17	6.32		
11/11/2015	5.78	6.19	6.35	6.36	
11/12/2015					6.7
4/12/2016		6.22			
4/13/2016			6.42		6.59
4/19/2016	5.55			6.4	
6/20/2016		6.2	6.4		
6/22/2016	5.6				6.49
6/23/2016				6.35	
8/12/2016		6.17			
8/15/2016			6.31		6.61
8/16/2016	5.7				
8/23/2016				6.29	
10/6/2016	5.64	6.14	6.27		6.55
10/10/2016				6.3	
11/30/2016		6.14			
12/1/2016	5.62		6.28	6.37	6.59
2/8/2017					6.63
2/9/2017	5.64	6.18	6.32	6.39	
2/27/2017				6.24	
4/6/2017	5.66	6.17			6.58
4/7/2017			6.28	6.93	
6/21/2017	5.68	6.17		7.11 (D)	6.56
6/22/2017			6.29		
8/15/2017				6.95	
9/1/2017				6.86	
10/5/2017	5.64				6.58
10/6/2017		6.19	5.96		
10/9/2017				6.75	
3/21/2018		6.21			6.76
3/22/2018	5.9		6.34	7.05	
10/2/2018					6.65
10/3/2018	5.74	6.22			
10/4/2018			6.36	7.26	
3/26/2019		6.25			
3/27/2019	5.78		6.38	6.69	6.7
3/18/2020	5.81	6.19		6.42	6.61
3/19/2020			6.41		
9/9/2020	6.08			6.3	6.8
9/10/2020		6.43	6.32		
4/1/2021	6.01		6.4		6.28
4/5/2021		6.36		6.35	
6/1/2021				6.28	
6/2/2021		6.09			
8/11/2021		6.14	6.26		
8/12/2021	5.87			6.37	6.66

Time Series

Constituent: pH (S.U.) Analysis Run 12/2/2024 10:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
2/15/2022	6.16	6.1	6.22	6.34	6.61
5/12/2022	5.99 (R)				
8/25/2022	5.96	6.13	6.31	6.29	6.48
12/28/2022					6.62 (R)
2/27/2023		6.16	6.35	6.27	6.57
2/28/2023	6				
5/2/2023			6.38	6.23	
8/8/2023	6.16	6.37	6.48	6.38	6.63
2/29/2024	6.25	6.37	6.57	6.52	
3/1/2024					6.82
5/7/2024			6.3 (R)		
5/20/2024		6.16 (R)			
8/6/2024	6		6.25	6.35	6.47
8/7/2024		6.19			
11/6/2024		6.4 (R)	6.51 (R)		6.58 (R)

Time Series

Constituent: Selenium, Total (mg/L) Analysis Run 12/2/2024 10:20 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
5/8/2010			<0.005		
5/9/2010	<0.005	<0.005			
5/10/2010					<0.005
5/11/2010				<0.005	
6/16/2010		<0.005	<0.005		<0.005
6/17/2010				<0.005	
6/18/2010	<0.005				
7/26/2010			<0.005		
7/27/2010		<0.005		<0.005	
7/28/2010	<0.005				<0.005
9/7/2010		<0.005	<0.005		
9/8/2010					<0.005
9/9/2010	<0.005			<0.005	
4/28/2011				<0.005	
4/29/2011		<0.005	<0.005		<0.005
4/30/2011	<0.005				
10/27/2011					<0.005
10/28/2011	<0.005	<0.005	<0.005		
10/29/2011				<0.005	
5/2/2012	<0.005	<0.005	<0.005		
5/3/2012				<0.005	
5/4/2012					<0.005
11/9/2012	<0.005	<0.005	<0.005	<0.005	
11/11/2012					<0.005
5/8/2013	<0.005	<0.005	0.0044		
5/9/2013				<0.005	<0.005
11/5/2013	<0.005			<0.005	<0.005
11/6/2013		<0.005	<0.005		
5/20/2014	<0.005	<0.005	<0.005		
5/21/2014					<0.005
5/23/2014				<0.005	
11/8/2014		<0.005	<0.005		
11/12/2014	<0.005				<0.005
11/13/2014				<0.005	
5/22/2015	<0.005	<0.005	<0.005		
5/23/2015				0.0053	0.0043
11/9/2015		0.0043	<0.005		
11/11/2015	<0.005			<0.005	
11/12/2015					0.0046
4/6/2016	<0.005	<0.005	<0.005		
4/12/2016				<0.005	
4/13/2016					<0.005 (D)
6/15/2016	<0.005	<0.005	<0.005		
6/16/2016				<0.005	
6/21/2016					<0.005
8/10/2016	<0.005	<0.005	<0.005		
8/11/2016				<0.005	
8/15/2016					<0.005
10/4/2016	<0.005	<0.005		0.00037 (J)	
10/5/2016			<0.005		<0.005
11/29/2016		0.00024 (J)	<0.005		
11/30/2016	<0.005			<0.005	

Time Series

Constituent: Selenium, Total (mg/L) Analysis Run 12/2/2024 10:20 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
12/1/2016					<0.005
2/7/2017	<0.005	<0.005	<0.005	<0.005	
2/8/2017					<0.005
4/4/2017	0.00067 (J)	0.0017	<0.005		
4/5/2017				<0.005	
4/6/2017					<0.005
6/20/2017	<0.005	<0.005	<0.005	<0.005	
6/21/2017					<0.005
10/4/2017	<0.005			<0.005	
10/5/2017		<0.005	0.00027 (J)		<0.005
3/20/2018	<0.005 (XD)	<0.005	<0.005	<0.005 (X)	
3/21/2018					<0.005
10/2/2018	<0.005	<0.005	<0.005	<0.005	<0.005
3/26/2019	<0.005	<0.005	<0.005	<0.005	
3/27/2019					<0.005
9/10/2019	<0.005	<0.005	<0.005	<0.005	
9/11/2019					<0.005
3/18/2020	<0.005	<0.005	<0.005	<0.005	<0.005
9/9/2020	<0.005	<0.005	<0.005	<0.005	<0.005
4/1/2021	<0.005	<0.005	<0.005	<0.005	<0.005
8/11/2021	<0.005	<0.005	<0.005		
8/17/2021					<0.005
8/18/2021				<0.005	
2/15/2022	<0.005	<0.005	<0.005	<0.005	<0.005
8/24/2022			<0.005	<0.005	
8/25/2022	<0.005	<0.005			<0.005
2/21/2023					<0.005
2/27/2023				<0.005	
2/28/2023	<0.005	<0.005	<0.005		
8/3/2023	<0.005	<0.005	<0.005		
8/9/2023				<0.005	<0.005
2/28/2024		<0.005	<0.005		
3/1/2024				<0.005	<0.005
3/4/2024	<0.005				
8/6/2024	<0.005	<0.005	<0.005	<0.005	<0.005

Time Series

Constituent: Selenium, Total (mg/L) Analysis Run 12/2/2024 10:20 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
5/9/2010		<0.005	<0.005	<0.005	
5/10/2010	<0.005				<0.005
6/16/2010	<0.005				<0.005
6/18/2010		<0.005	<0.005	<0.005	
7/26/2010					<0.005
7/27/2010	<0.005	<0.005			
7/28/2010				<0.005	
7/29/2010			<0.005		
9/7/2010					<0.005
9/8/2010	<0.005	<0.005			
9/9/2010			<0.005	<0.005	
4/26/2011			<0.005		
4/29/2011	<0.005	<0.005			<0.005
4/30/2011				<0.005	
10/27/2011	<0.005				
10/28/2011		0.004	<0.005	<0.005	<0.005
5/2/2012					<0.005
5/3/2012		<0.005		<0.005	
5/4/2012	<0.005		<0.005		
11/9/2012					<0.005
11/10/2012	<0.005	<0.005		<0.005	
11/11/2012			<0.005		
5/8/2013			<0.005	<0.005	<0.005
5/9/2013	<0.005	<0.005			
11/5/2013				<0.005	
11/6/2013	<0.005	<0.005			<0.005
11/7/2013			<0.005		
5/20/2014	<0.005	<0.005	<0.005	<0.005	
5/23/2014					<0.005
11/8/2014					<0.005
11/12/2014	<0.005	<0.005	<0.005	<0.005	
5/22/2015					<0.005
5/23/2015		<0.005			
5/24/2015	0.005		<0.005	<0.005	
11/10/2015					0.0041
11/11/2015				0.0052	
11/12/2015	0.0042	<0.005	<0.005		
4/11/2016					<0.005
4/13/2016	<0.005 (D)	<0.005 (D)	<0.005 (D)	<0.005 (D)	
6/16/2016					<0.005
6/21/2016	<0.005	<0.005	<0.005	<0.005	
8/11/2016					<0.005
8/15/2016	<0.005	<0.005	<0.005	<0.005	
10/4/2016				<0.005	
10/5/2016	<0.005	<0.005			<0.005
10/7/2016			<0.005		
11/29/2016					<0.005
12/1/2016	<0.005	<0.005	<0.005	0.00025 (J)	
2/7/2017				<0.005	
2/8/2017	<0.005	<0.005			<0.005
2/9/2017			<0.005		
4/5/2017		<0.005			

Time Series

Constituent: Selenium, Total (mg/L) Analysis Run 12/2/2024 10:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
4/6/2017	0.00031 (J)		<0.005	<0.005	<0.005
6/20/2017	<0.005	<0.005		<0.005	
6/21/2017					<0.005
6/22/2017			<0.005		
10/5/2017	<0.005	<0.005		<0.005	<0.005
10/6/2017			<0.005		
3/20/2018				<0.005	<0.005
3/21/2018	<0.005	<0.005 (D)			
3/22/2018			<0.005		
10/2/2018	<0.005	<0.005		<0.005	<0.005
10/3/2018			<0.005		
3/26/2019		<0.005	<0.005	<0.005	<0.005
3/27/2019	<0.005				
9/11/2019		<0.005	<0.005	<0.005	<0.005
3/18/2020	<0.005	<0.005	<0.005	<0.005	<0.005
9/9/2020				<0.005	<0.005
9/10/2020	<0.005	<0.005	<0.005		
4/1/2021	<0.005	<0.005		<0.005	<0.005
4/6/2021			<0.005		
8/11/2021	<0.005	<0.005	<0.005	<0.005	<0.005
2/16/2022	<0.005	<0.005	<0.005	<0.005	<0.005
8/25/2022	<0.005				<0.005
8/26/2022		<0.005	<0.005	<0.005	
2/27/2023	<0.005	<0.005	<0.005	<0.005	
2/28/2023					<0.005
8/9/2023	<0.005	<0.005	<0.005	<0.005	<0.005
2/29/2024	<0.005	<0.005			<0.005
3/1/2024			<0.005	<0.005	
8/6/2024	<0.005	<0.005	<0.005		<0.005
8/8/2024				<0.005	

Time Series

Constituent: Selenium, Total (mg/L) Analysis Run 12/2/2024 10:20 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
5/11/2010	<0.005	<0.005	<0.005	<0.005	<0.005
6/16/2010	<0.005				
6/17/2010			<0.005	<0.005	<0.005
6/19/2010		<0.005			
7/27/2010	<0.005	<0.005	<0.005		
7/28/2010				<0.005	<0.005
9/7/2010	<0.005		<0.005	<0.005	
9/8/2010					<0.005
9/9/2010		<0.005			
4/28/2011		<0.005			<0.005
4/29/2011	<0.005		<0.005	<0.005	
10/28/2011	<0.005	<0.005	<0.005	<0.005	
10/29/2011					<0.005
5/2/2012	<0.005				
5/3/2012		<0.005	<0.005	<0.005	<0.005
11/9/2012	<0.005	<0.005		<0.005	
11/10/2012			<0.005		<0.005
5/9/2013	<0.005	<0.005	<0.005		
5/10/2013				<0.005	<0.005
11/5/2013		<0.005			
11/6/2013	<0.005		<0.005	<0.005	<0.005
5/22/2014	<0.005	<0.005	<0.005	<0.005	<0.005
11/8/2014	<0.005				
11/9/2014			<0.005	<0.005	<0.005
11/13/2014		<0.005			
5/22/2015				<0.005	<0.005
5/23/2015	<0.005				
5/24/2015		0.0044	<0.005		
11/10/2015	0.0044		<0.005	<0.005	
11/11/2015		0.0045			<0.005
4/11/2016	<0.005				
4/12/2016		<0.005	<0.005	<0.005 (D)	<0.005
6/16/2016	<0.005	<0.005	<0.005		
6/20/2016				<0.005	<0.005
8/11/2016	<0.005	<0.005	<0.005		
8/12/2016				0.00036 (J)	<0.005
10/4/2016		<0.005			
10/5/2016	<0.005		<0.005	<0.005	
10/6/2016					<0.005
11/29/2016	<0.005				
11/30/2016		<0.005	<0.005	<0.005	<0.005
2/7/2017		<0.005			
2/8/2017	<0.005		<0.005	<0.005	<0.005
4/5/2017	<0.005				
4/6/2017		0.0023	<0.005	<0.005	<0.005
6/20/2017		<0.005			
6/21/2017	<0.005		<0.005	<0.005	
6/22/2017					<0.005
10/4/2017		<0.005			
10/5/2017	<0.005		<0.005	<0.005	
10/6/2017					<0.005
3/20/2018	<0.005	<0.005 (X)			

Time Series

Constituent: Selenium, Total (mg/L) Analysis Run 12/2/2024 10:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
3/21/2018			<0.005	<0.005	<0.005 (X)
10/2/2018	<0.005	<0.005			
10/3/2018			<0.005	<0.005	<0.005
3/26/2019	<0.005	<0.005	<0.005	<0.005	<0.005
9/10/2019		<0.005		<0.005	<0.005
9/12/2019	<0.005		<0.005		
3/18/2020		<0.005		<0.005	
3/19/2020	<0.005		<0.005		<0.005
9/9/2020	<0.005	<0.005			
9/10/2020			<0.005	<0.005	<0.005
4/1/2021		<0.005			
4/2/2021					<0.005
4/5/2021	<0.005		<0.005		
4/6/2021				<0.005	
8/11/2021	<0.005		<0.005		
8/12/2021		<0.005		<0.005	<0.005
2/15/2022		<0.005		<0.005	0.0013 (J)
2/16/2022	<0.005		<0.005		
8/25/2022	<0.005		<0.005	<0.005	0.0012 (J)
8/26/2022		<0.005			
2/27/2023		0.00075 (J)			0.0039 (J)
2/28/2023	<0.005		<0.005	<0.005	
8/8/2023	<0.005		<0.005		0.0041 (J)
8/9/2023		<0.005		<0.005	
2/29/2024	<0.005				0.0042 (J)
3/1/2024		<0.005	<0.005		
3/4/2024				<0.005	
8/6/2024	<0.005	<0.005	<0.005		
8/7/2024				<0.005	0.0045 (J)

Time Series

Constituent: Selenium, Total (mg/L) Analysis Run 12/2/2024 10:20 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
5/10/2010			<0.005	<0.005	<0.005
5/11/2010	<0.01	<0.005			
6/16/2010					<0.005
6/18/2010	<0.01	<0.005	<0.005		
6/19/2010				<0.005	
7/27/2010	<0.01	<0.005			<0.005
7/28/2010			<0.005	<0.005	
9/8/2010				<0.005	<0.005
9/9/2010	<0.01	<0.005	<0.005		
4/29/2011	<0.01				<0.005
4/30/2011		<0.005	<0.005	<0.005	
10/27/2011				<0.005	<0.005
10/28/2011	<0.01				
10/29/2011		<0.005	<0.005		
5/3/2012					<0.005
5/4/2012	<0.01	<0.005	<0.005	<0.005	
11/10/2012	<0.01	<0.005	<0.005		
11/11/2012				<0.005	<0.005
5/9/2013	<0.01	<0.005	<0.005		<0.005
5/10/2013				<0.005	
11/6/2013	<0.01				<0.005
11/7/2013		<0.005	<0.005	<0.005	
5/21/2014		<0.005	<0.005	<0.005	<0.005
5/22/2014	<0.01				
11/9/2014	<0.01	<0.005			
11/12/2014			<0.005		<0.005
11/13/2014				<0.005	
5/23/2015				0.0045	<0.005
5/24/2015	0.013 (J)	<0.005	0.0053		
11/11/2015	0.037	0.007	0.0049	0.0043	
11/12/2015					0.0065
4/12/2016		<0.005			
4/13/2016			<0.005 (D)		<0.005 (D)
4/19/2016	0.0587			<0.005	
6/20/2016		0.00032 (J)	<0.005		
6/22/2016	0.0435				<0.005
8/12/2016		0.00035 (J)			
8/15/2016			<0.005		<0.005
8/16/2016	0.029				
10/6/2016	0.027	0.00029 (J)	<0.005		<0.005
10/10/2016				<0.005	
11/30/2016		0.00026 (J)			
12/1/2016	0.029		<0.005	<0.005	<0.005
2/8/2017					<0.005
2/9/2017	0.031	<0.005	<0.005	<0.005	
4/6/2017	0.043	<0.005			<0.005
4/7/2017			<0.005	<0.005	
6/21/2017	0.052	0.00031 (J)		<0.005	<0.005
6/22/2017			<0.005		
8/15/2017				<0.005	
9/1/2017				0.00044 (J)	
10/5/2017	0.038				<0.005

Time Series

Constituent: Selenium, Total (mg/L) Analysis Run 12/2/2024 10:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
10/6/2017		<0.005	<0.005		
10/9/2017				<0.005	
3/21/2018		<0.005 (X)			<0.005 (X)
3/22/2018	0.038		<0.005	0.00032 (J)	
10/2/2018					<0.005
10/3/2018	0.021	0.00056 (J)			
10/4/2018			<0.005	<0.005	
3/26/2019		<0.005			
3/27/2019	0.023		<0.005	<0.005	<0.005
9/11/2019	0.0079	<0.005	<0.005	<0.005	<0.005
3/18/2020	0.014	<0.005		<0.005	<0.005
3/19/2020			<0.005		
9/9/2020	0.0054			<0.005	<0.005
9/10/2020		<0.005	<0.005		
4/1/2021	0.0065		<0.005		<0.005
4/5/2021		<0.005		<0.005	
8/11/2021		<0.005	<0.005		
8/12/2021	0.0088			<0.005	<0.005
2/15/2022	0.0058	<0.005	<0.005	<0.005	<0.005
8/25/2022	0.0043 (J)	<0.005	<0.005	<0.005	<0.005
2/27/2023		<0.005	<0.005	<0.005	<0.005
2/28/2023	0.0033 (J)				
8/8/2023	0.003 (J)	<0.005	<0.005	<0.005	<0.005
2/29/2024	0.0018 (J)	<0.005	<0.005	<0.005	
3/1/2024					<0.005
8/6/2024	0.0029 (J)		<0.005	<0.005	<0.005
8/7/2024		<0.005			

Time Series

Constituent: Silver (mg/L) Analysis Run 12/2/2024 10:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
5/8/2010			<0.001		
5/9/2010	<0.001	<0.001			
5/10/2010					<0.001
5/11/2010				<0.001	
6/16/2010		<0.001	<0.001		<0.001
6/17/2010				<0.001	
6/18/2010	<0.001				
7/26/2010			<0.001		
7/27/2010		<0.001		<0.001	
7/28/2010	<0.001				<0.001
9/7/2010		<0.001	<0.001		
9/8/2010					<0.001
9/9/2010	<0.001			<0.001	
4/28/2011				<0.001	
4/29/2011		<0.001	<0.001		<0.001
4/30/2011	<0.001				
10/27/2011					<0.001
10/28/2011	<0.001	<0.001	<0.001		
10/29/2011				<0.001	
5/2/2012	<0.001	<0.001	<0.001		
5/3/2012				<0.001	
5/4/2012					<0.001
11/9/2012	<0.001	<0.001	<0.001	<0.001	
11/11/2012					<0.001
5/8/2013	<0.001	<0.001	<0.001		
5/9/2013				<0.001	<0.001
11/5/2013	<0.001			<0.001	<0.001
11/6/2013		<0.001	<0.001		
5/20/2014	<0.001	<0.001	<0.001		
5/21/2014					<0.001
5/23/2014				<0.001	
11/8/2014		<0.001	<0.001		
11/12/2014	<0.001				<0.001
11/13/2014				<0.001	
5/22/2015	<0.001	<0.001	<0.001		
5/23/2015				<0.001	<0.001
11/9/2015		<0.001	<0.001		
11/11/2015	<0.001			<0.001	
11/12/2015					<0.001
4/6/2016	<0.001	<0.001	<0.001		
4/12/2016				<0.001	
4/13/2016					<0.001 (D)
10/4/2016	<0.001	<0.001		0.00012 (J)	
10/5/2016			<0.001		<0.001
4/4/2017	<0.001	<0.001	<0.001		
4/5/2017				<0.001	
4/6/2017					<0.001
10/4/2017	<0.001			<0.001	
10/5/2017		<0.001	<0.001		<0.001
3/20/2018	<0.001 (D)	<0.001	<0.001	<0.001	
3/21/2018					<0.001
10/2/2018	<0.001	<0.001	<0.001	<0.001	<0.001

Time Series

Constituent: Silver (mg/L) Analysis Run 12/2/2024 10:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
3/26/2019	<0.001	<0.001	<0.001	<0.001	
3/27/2019					<0.001
9/10/2019	<0.001	<0.001	<0.001	<0.001	
9/11/2019					<0.001
3/18/2020	<0.001	<0.001	<0.001	<0.001	<0.001
9/9/2020	<0.001	<0.001	<0.001	<0.001	<0.001
4/1/2021	<0.001	<0.001	<0.001	<0.001	<0.001
8/11/2021	<0.001	<0.001	<0.001		
8/17/2021					<0.001
8/18/2021				<0.001	
2/15/2022	<0.001	<0.001	<0.001	<0.001	<0.001
8/24/2022			<0.001	<0.001	
8/25/2022	<0.001	<0.001			<0.001
2/21/2023					<0.001
2/27/2023				<0.001	
2/28/2023	<0.001	<0.001	<0.001		
8/3/2023	<0.001	<0.001	<0.001		
8/9/2023				<0.001	<0.001
2/28/2024		<0.001	<0.001		
3/1/2024				<0.001	<0.001
3/4/2024	<0.001				
8/6/2024	<0.001	<0.001	<0.001	<0.001	<0.001

Time Series

Constituent: Silver (mg/L) Analysis Run 12/2/2024 10:20 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
5/9/2010		<0.001	<0.001	<0.001	
5/10/2010	<0.001				<0.001
6/16/2010	<0.001				<0.001
6/18/2010		<0.001	<0.001	<0.001	
7/26/2010					<0.001
7/27/2010	<0.001	<0.001			
7/28/2010				<0.001	
7/29/2010			<0.001		
9/7/2010					<0.001
9/8/2010	<0.001	<0.001			
9/9/2010			<0.001	<0.001	
4/26/2011			<0.001		
4/29/2011	<0.001	<0.001			<0.001
4/30/2011				<0.001	
10/27/2011	<0.001				
10/28/2011		<0.001	<0.001	<0.001	<0.001
5/2/2012					<0.001
5/3/2012		<0.001		<0.001	
5/4/2012	<0.001		<0.001		
11/9/2012					<0.001
11/10/2012	<0.001	<0.001		<0.001	
11/11/2012			<0.001		
5/8/2013			<0.001	<0.001	<0.001
5/9/2013	<0.001	<0.001			
11/5/2013				<0.001	
11/6/2013	<0.001	<0.001			<0.001
11/7/2013			<0.001		
5/20/2014	<0.001	<0.001	<0.001	<0.001	
5/23/2014					<0.001
11/8/2014					<0.001
11/12/2014	<0.001	<0.001	<0.001	<0.001	
5/22/2015					<0.001
5/23/2015		<0.001			
5/24/2015	<0.001		<0.001	<0.001	
11/10/2015					<0.001
11/11/2015				<0.001	
11/12/2015	<0.001	<0.001	<0.001		
4/11/2016					<0.001
4/13/2016	<0.001 (D)	<0.001 (D)	<0.001 (D)	<0.001 (D)	
10/4/2016				<0.001	
10/5/2016	<0.001	<0.001			<0.001
10/7/2016			<0.001		
4/5/2017		<0.001			
4/6/2017	<0.001		<0.001	<0.001	<0.001
10/5/2017	<0.001	<0.001		<0.001	<0.001
10/6/2017			0.00031		
3/20/2018				<0.001	<0.001
3/21/2018	<0.001	<0.001 (D)			
3/22/2018			<0.001		
10/2/2018	<0.001	<0.001		<0.001	<0.001
10/3/2018			<0.001		
3/26/2019		<0.001	<0.001	<0.001	<0.001

Time Series

Constituent: Silver (mg/L) Analysis Run 12/2/2024 10:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
3/27/2019	<0.001				
9/11/2019	<0.001 (D)	<0.001	<0.001	<0.001	<0.001
3/18/2020	<0.001	<0.001	<0.001	<0.001	<0.001
9/9/2020				<0.001	<0.001
9/10/2020	<0.001	<0.001	<0.001		
4/1/2021	<0.001	<0.001		<0.001	<0.001
4/6/2021			<0.001		
8/11/2021	<0.001	<0.001	<0.001	<0.001	<0.001
2/16/2022	<0.001	<0.001	<0.001	<0.001	<0.001
8/25/2022	<0.001				<0.001
8/26/2022		<0.001	<0.001	<0.001	
2/27/2023	<0.001	<0.001	<0.001	<0.001	
2/28/2023					<0.001
8/9/2023	<0.001	<0.001	<0.001	<0.001	<0.001
2/29/2024	<0.001	<0.001			<0.001
3/1/2024			<0.001	<0.001	
8/6/2024	<0.001	<0.001	<0.001		<0.001
8/8/2024				<0.001	

Time Series

Constituent: Silver (mg/L) Analysis Run 12/2/2024 10:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
5/11/2010	<0.001	<0.001	<0.001	<0.001	<0.001
6/16/2010	<0.001				
6/17/2010			<0.001	<0.001	<0.001
6/19/2010		<0.001			
7/27/2010	<0.001	<0.001	<0.001		
7/28/2010				<0.001	<0.001
9/7/2010	<0.001		<0.001	<0.001	
9/8/2010					<0.001
9/9/2010		<0.001			
4/28/2011		<0.001			<0.001
4/29/2011	<0.001		<0.001	<0.001	
10/28/2011	<0.001	<0.001	<0.001	<0.001	
10/29/2011					<0.001
5/2/2012	<0.001				
5/3/2012		<0.001	<0.001	<0.001	<0.001
11/9/2012	<0.001	<0.001		<0.001	
11/10/2012			<0.001		<0.001
5/9/2013	<0.001	<0.001	<0.001		
5/10/2013				<0.001	<0.001
11/5/2013		<0.001			
11/6/2013	<0.001		<0.001	<0.001	<0.001
5/22/2014	<0.001	<0.001	<0.001	<0.001	<0.001
11/8/2014	<0.001				
11/9/2014			<0.001	<0.001	<0.001
11/13/2014		<0.001			
5/22/2015				<0.001	<0.001
5/23/2015	<0.001				
5/24/2015		<0.001	<0.001		
11/10/2015	<0.001		<0.001	<0.001	
11/11/2015		<0.001			<0.001
4/11/2016	<0.001				
4/12/2016		<0.001	<0.001	<0.001 (D)	<0.001
10/4/2016		<0.001			
10/5/2016	<0.001		<0.001	<0.001	
10/6/2016					<0.001
4/5/2017	<0.001				
4/6/2017		<0.001	<0.001	<0.001	<0.001
10/4/2017		<0.001			
10/5/2017	<0.001		<0.001	<0.001	
10/6/2017					<0.001
3/20/2018	<0.001	<0.001			
3/21/2018			<0.001	<0.001	<0.001
10/2/2018	<0.001	<0.001			
10/3/2018			<0.001	<0.001	<0.001
3/26/2019	<0.001	<0.001	<0.001	<0.001	<0.001
9/10/2019		<0.001		<0.001	<0.001
9/12/2019	<0.001		<0.001		
3/18/2020		<0.001		<0.001	
3/19/2020	<0.001		<0.001		<0.001
9/9/2020	<0.001	<0.001			
9/10/2020			<0.001	<0.001	<0.001
4/1/2021		<0.001			

Time Series

Constituent: Silver (mg/L) Analysis Run 12/2/2024 10:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
4/2/2021					<0.001
4/5/2021	<0.001		<0.001		
4/6/2021				<0.001	
8/11/2021	<0.001		<0.001		
8/12/2021		<0.001		<0.001	<0.001
2/15/2022		<0.001		<0.001	<0.001
2/16/2022	<0.001		<0.001		
8/25/2022	<0.001		<0.001	<0.001	<0.001
8/26/2022		<0.001			
2/27/2023		<0.001			<0.001
2/28/2023	<0.001		<0.001	<0.001	
8/8/2023	<0.001		<0.001		<0.001
8/9/2023		<0.001		<0.001	
2/29/2024	<0.001				<0.001
3/1/2024		<0.001	<0.001		
3/4/2024				<0.001	
8/6/2024	<0.001	<0.001	<0.001		
8/7/2024				<0.001	<0.001

Time Series

Constituent: Silver (mg/L) Analysis Run 12/2/2024 10:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
5/10/2010			<0.001	<0.001	<0.001
5/11/2010	<0.001	<0.001			
6/16/2010					<0.001
6/18/2010	<0.001	<0.001	<0.001		
6/19/2010				<0.001	
7/27/2010	<0.001	<0.001			<0.001
7/28/2010			<0.001	<0.001	
9/8/2010				<0.001	<0.001
9/9/2010	<0.001	<0.001	<0.001		
4/29/2011	<0.001				<0.001
4/30/2011		<0.001	<0.001	<0.001	
10/27/2011				<0.001	<0.001
10/28/2011	<0.001				
10/29/2011		<0.001	<0.001		
5/3/2012					<0.001
5/4/2012	<0.001	<0.001	<0.001	<0.001	
11/10/2012	<0.001	<0.001	<0.001		
11/11/2012				<0.001	<0.001
5/9/2013	<0.001	<0.001	<0.001		<0.001
5/10/2013				<0.001	
11/6/2013	<0.001				<0.001
11/7/2013		<0.001	<0.001	<0.001	
5/21/2014		<0.001	<0.001	<0.001	<0.001
5/22/2014	<0.001				
11/9/2014	<0.001	<0.001			
11/12/2014			<0.001		<0.001
11/13/2014				<0.001	
5/23/2015				<0.001	<0.001
5/24/2015	<0.001	<0.001	<0.001		
11/11/2015	<0.001	<0.001	<0.001	<0.001	
11/12/2015					<0.001
4/12/2016		<0.001			
4/13/2016			<0.001 (D)		<0.001 (D)
4/19/2016	<0.001			<0.001	
10/6/2016	<0.001	0.00012 (J)	<0.001		<0.001
10/10/2016				<0.001	
4/6/2017	<0.001	<0.001			<0.001
4/7/2017			<0.001	<0.001	
10/5/2017	<0.001				<0.001
10/6/2017		<0.001	<0.001		
10/9/2017				<0.001	
3/21/2018		<0.001			<0.001
3/22/2018	<0.001		<0.001	<0.001	
10/2/2018					<0.001
10/3/2018	<0.001	<0.001			
10/4/2018			<0.001	<0.001	
3/26/2019		<0.001			
3/27/2019	<0.001		<0.001	<0.001	<0.001
9/11/2019	<0.001	<0.001	<0.001	<0.001	<0.001
3/18/2020	<0.001	<0.001		<0.001	<0.001
3/19/2020			<0.001		
9/9/2020	<0.001			<0.001	<0.001

Time Series

Constituent: Silver (mg/L) Analysis Run 12/2/2024 10:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
9/10/2020		<0.001	<0.001		
4/1/2021	<0.001		<0.001		<0.001
4/5/2021		<0.001		<0.001	
8/11/2021		<0.001	<0.001		
8/12/2021	<0.001			<0.001	<0.001
2/15/2022	<0.001	<0.001	<0.001	<0.001	<0.001
8/25/2022	<0.001	<0.001	<0.001	<0.001	<0.001
2/27/2023		<0.001	<0.001	<0.001	<0.001
2/28/2023	<0.001				
8/8/2023	<0.001	<0.001	<0.001	<0.001	<0.001
2/29/2024	<0.001	<0.001	<0.001	<0.001	
3/1/2024					<0.001
8/6/2024	<0.001		<0.001	<0.001	<0.001
8/7/2024		<0.001			

Time Series

Constituent: Sulfate (mg/L) Analysis Run 12/2/2024 10:20 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
4/6/2016	0.799 (J)	<1	<1		
4/12/2016				0.617 (J)	
4/13/2016					0.51 (JD)
6/15/2016	<1	<1	<1		
6/16/2016				<1	
6/21/2016					0.58 (J)
8/10/2016	<1	<1	<1		
8/11/2016				<1	
8/15/2016					<1
10/4/2016	<1	<1		<1	
10/5/2016			<1		<1
11/29/2016		<1	<1		
11/30/2016	<1			<1	
12/1/2016					<1
2/7/2017	0.8 (J)	<1	<1	0.92 (J)	
2/8/2017					1
4/4/2017	<1	<1	<1		
4/5/2017				1	
4/6/2017					0.81 (J)
6/20/2017	<1	<1	<1	0.76 (J)	
6/21/2017					1.1
10/4/2017	<1			<1	
10/5/2017		<1	<1		1.1
3/20/2018	1.2	<1	<1	0.95 (J)	
3/21/2018					1.1
10/2/2018	<1	<1	<1	<1	1.2
3/26/2019	2.1	<1	0.58 (J)	0.53 (J)	
3/27/2019					1.6
9/10/2019	0.65 (J)	<1	0.44 (J)	0.69 (J)	
9/11/2019					1.8
3/18/2020	3.1	0.67 (J)	0.51 (J)	0.84 (J)	2.4
9/9/2020	1.6	<1	<1	0.77 (J)	2.6
4/1/2021	2.7	<1	<1	<1	2.7
8/11/2021	1.3	<1	<1		
8/17/2021					1.2
8/18/2021				0.79 (J)	
2/15/2022	2.6	<1	<1	1.5	3.5
5/12/2022					2.7 (R)
8/24/2022			<1	<1	
8/25/2022	1.9	<1			3.7
2/21/2023					4.7
2/27/2023				1.6	
2/28/2023	3.5	1.4	1.3		
5/2/2023					4.3
8/3/2023	1.7	0.4 (J)	<1		
8/9/2023				0.46 (J)	2.3
2/28/2024		<1	<1		
3/1/2024				0.79 (J)	4.7
3/4/2024	2.8				
5/20/2024					3.9 (R)
8/6/2024	1.3	<1	<1	<1	4.4

Time Series

Constituent: Sulfate (mg/L) Analysis Run 12/2/2024 10:20 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
4/11/2016					<1
4/13/2016	<1 (D)	<1 (D)	0.646 (JD)	<1 (D)	
6/16/2016					<1
6/21/2016	0.16 (J)	0.2 (J)	0.57 (J)	0.16 (J)	
8/11/2016					<1
8/15/2016	<1	<1	<1	<1	
10/4/2016				<1	
10/5/2016	<1	<1			<1
10/7/2016			<1		
11/29/2016					<1
12/1/2016	<1	<1	<1	<1	
2/7/2017				<1	
2/8/2017	<1	<1			<1
2/9/2017			<1		
4/5/2017		<1			
4/6/2017	<1		<1	<1	<1
6/20/2017	<1	<1		<1	
6/21/2017					<1
6/22/2017			<1		
10/5/2017	<1	<1		<1	<1
10/6/2017			<1		
3/20/2018				<1	<1
3/21/2018	<1	<1 (D)			
3/22/2018			<1		
10/2/2018	<1	<1		<1	<1
10/3/2018			<1		
3/26/2019		0.49 (J)	1.3	0.64 (J)	0.39 (J)
3/27/2019	<1				
9/11/2019	0.63 (J)	0.5 (J)	0.81 (J)	0.5 (J)	0.61 (J)
3/18/2020	<1	1.3	25 (o)	<1	0.62 (J)
9/9/2020				<1	<1
9/10/2020	<1	<1	1.3		
4/1/2021	<1	<1		<1	<1
4/6/2021			0.9 (J)		
8/11/2021	<1	<1	0.89 (J)	<1	<1
2/16/2022	<1	<1	<1	<1	<1
8/25/2022	<1				<1
8/26/2022		0.77 (J)	1.3	0.79 (J)	
2/27/2023	0.88 (J)	1.2	1.6	1.2	
2/28/2023					1.2
8/9/2023	<1	<1	1.3	<1	<1
2/29/2024	<1	<1			1.8
3/1/2024			1.2	<1	
8/6/2024	<1	<1	<1		<1
8/8/2024				<1	

Time Series

Constituent: Sulfate (mg/L) Analysis Run 12/2/2024 10:20 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
4/11/2016	<1				
4/12/2016		0.56 (J)	<1	0.419 (JD)	3.56
6/16/2016	<1	<1	<1		
6/20/2016				0.6 (J)	2.4
8/11/2016	<1	<1	<1		
8/16/2016				<1	1.7
10/4/2016		<1			
10/5/2016	<1		<1	<1	
10/6/2016					1.2
11/29/2016	<1				
11/30/2016		<1	<1	1.1	1.2
2/7/2017		<1			
2/8/2017	<1		<1	<1	4.6
4/5/2017	<1				
4/6/2017		<1	<1	<1	4.1
6/20/2017		<1			
6/21/2017	<1		<1	<1	
6/22/2017					3.4
10/4/2017		<1			
10/5/2017	<1		<1	<1	
10/6/2017					3
3/20/2018	<1	<1			
3/21/2018			<1	<1	4.9
10/2/2018	<1	<1			
10/3/2018			<1	<1	2.9
3/26/2019	<1	0.99 (J)	0.45 (J)	0.47 (J)	3.2
9/10/2019		0.63 (J)		0.7 (J)	1.7
9/12/2019	<1		<1		
3/18/2020		0.59 (J)		0.6 (J)	
3/19/2020	0.64 (J)		0.71 (J)		4.6
9/9/2020	1.2	0.59 (J)			
9/10/2020			<1	<1	1.6
4/1/2021		1.1			
4/2/2021					4.6
4/6/2021				<1	
6/1/2021	1.9		1.4		
8/11/2021	<1		<1		
8/12/2021		<1		<1	3.5
2/15/2022		0.79 (J)		0.91 (J)	20
2/16/2022	<1		<1		
5/12/2022					33 (R)
8/25/2022	<1		<1	0.99 (J)	19
8/26/2022		1.1			
12/28/2022					32 (R)
2/27/2023		1.6			56
2/28/2023	1.2		1.3	4.7	
5/2/2023				4.2	
8/8/2023	<1		<1		53
8/9/2023		0.51 (J)		3.6	
10/4/2023				3.1 (R)	
2/29/2024	<1				84
3/1/2024		1.2	0.68 (J)		

Time Series

Constituent: Sulfate (mg/L) Analysis Run 12/2/2024 10:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
3/4/2024				10	
5/20/2024				0.64 (J,R)	
8/6/2024	<1	0.43 (J)	<1		
8/7/2024				15	73
11/7/2024				18 (R)	

Time Series

Constituent: Sulfate (mg/L) Analysis Run 12/2/2024 10:20 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
4/12/2016		7.55			
4/13/2016			<1 (D)		8.66 (D)
4/19/2016	575 (o)			32.7	
6/20/2016		14	0.36 (J)		
6/22/2016	470				6.3
8/15/2016			<1		8
8/16/2016	360	12			
10/6/2016	300	13	<1		10
10/10/2016				33	
11/30/2016		14			
12/1/2016	340		<1	31	15
2/8/2017					13
2/9/2017	350	9.5	<1	34	
4/6/2017	380	9.7			14
4/7/2017			<1	37	
6/21/2017	490	13		35	11
6/22/2017			<1		
8/15/2017				42	
9/1/2017				40	
10/5/2017	380				10
10/6/2017		7.3	<1		
3/21/2018		9.5			12
3/22/2018	400		<1	39	
10/2/2018					8.2
10/3/2018	270	10			
10/4/2018			<1	30	
3/26/2019		6.3			
3/27/2019	260		0.51 (J)	18	6.8
9/11/2019	130	12	0.52 (J)	32	9.6
3/18/2020	170	5.6		16	6.9
3/19/2020			0.54 (J)		
9/9/2020	110			11	8.4
9/10/2020		9.4	<1		
4/1/2021	100		<1		9.7
6/1/2021				17	
6/2/2021		13			
8/11/2021		11	<1		
8/12/2021	140			27	9.7
2/15/2022	100	13	<1	11	7.2
8/25/2022	100	12	<1	22	19
2/27/2023		13	1.4	12	13
2/28/2023	87				
8/8/2023	79	6.5	<1	7.8	13
2/29/2024	75	25	1.5	18	
3/1/2024					17
5/20/2024		18 (R)			
8/6/2024	73		1.4	21	22
8/7/2024		13			
11/6/2024					30 (R)

Time Series

Constituent: Thallium, Total (mg/L) Analysis Run 12/2/2024 10:20 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
5/8/2010			<0.001		
5/9/2010	<0.001	<0.001			
5/10/2010					<0.001
5/11/2010				<0.001	
6/16/2010		<0.001	<0.001		<0.001
6/17/2010				<0.001	
6/18/2010	<0.001				
7/26/2010			<0.001		
7/27/2010		<0.001		<0.001	
7/28/2010	<0.001				<0.001
9/7/2010		<0.001	<0.001		
9/8/2010					<0.001
9/9/2010	<0.001			<0.001	
4/28/2011				<0.001	
4/29/2011		<0.001	<0.001		<0.001
4/30/2011	<0.001				
10/27/2011					<0.001
10/28/2011	<0.001	<0.001	<0.001		
10/29/2011				<0.001	
5/2/2012	<0.001	<0.001	<0.001		
5/3/2012				<0.001	
5/4/2012					<0.001
11/9/2012	<0.001	<0.001	<0.001	<0.001	
11/11/2012					<0.001
5/8/2013	<0.001	0.0003	<0.001		
5/9/2013				<0.001	<0.001
11/5/2013	<0.001			<0.001	<0.001
11/6/2013		<0.001	<0.001		
5/20/2014	<0.001	<0.001	<0.001		
5/21/2014					<0.001
5/23/2014				<0.001	
11/8/2014		<0.001	<0.001		
11/12/2014	<0.001				<0.001
11/13/2014				<0.001	
5/22/2015	<0.001	<0.001	<0.001		
5/23/2015				<0.001	<0.001
11/9/2015		<0.001	<0.001		
11/11/2015	<0.001			<0.001	
11/12/2015					<0.001
4/6/2016	<0.001	<0.001	<0.001		
4/12/2016				<0.001	
4/13/2016					<0.001 (D)
6/15/2016	<0.001	<0.001	<0.001		
6/16/2016				<0.001	
6/21/2016					<0.001
8/10/2016	<0.001	<0.001	<0.001		
8/11/2016				<0.001	
8/15/2016					<0.001
10/4/2016	<0.001	<0.001		<0.001	
10/5/2016			<0.001		<0.001
11/29/2016		<0.001	<0.001		
11/30/2016	<0.001			<0.001	

Time Series

Constituent: Thallium, Total (mg/L) Analysis Run 12/2/2024 10:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
12/1/2016					<0.001
2/7/2017	<0.001	<0.001	<0.001	<0.001	
2/8/2017					<0.001
4/4/2017	<0.001	<0.001	<0.001		
4/5/2017				<0.001	
4/6/2017					<0.001
6/20/2017	<0.001	<0.001	<0.001	<0.001	
6/21/2017					<0.001
10/4/2017	<0.001			<0.001	
10/5/2017		<0.001	<0.001		<0.001
3/20/2018	<0.001 (D)	<0.001	<0.001	<0.001	
3/21/2018					<0.001
10/2/2018	<0.001	<0.001	<0.001	<0.001	<0.001
3/26/2019	<0.001	<0.001	<0.001	<0.001	
3/27/2019					<0.001
9/10/2019	<0.001	0.00021 (J)	0.00023 (J)	<0.001	
9/11/2019					<0.001
3/18/2020	<0.001	<0.001	<0.001	0.00049 (J)	<0.001
9/9/2020	0.00025 (J)	<0.001	<0.001	<0.001	<0.001
4/1/2021	<0.001	<0.001	<0.001	0.00027 (J)	<0.001
8/11/2021	<0.001	<0.001	<0.001		
8/17/2021					<0.001
8/18/2021				<0.001	
2/15/2022	<0.001	<0.001	<0.001	<0.001	<0.001
8/24/2022			<0.001	<0.001	
8/25/2022	<0.001	<0.001			<0.001
2/21/2023					<0.001
2/27/2023				<0.001	
2/28/2023	<0.001	<0.001	<0.001		
8/3/2023	<0.001	<0.001	<0.001		
8/9/2023				<0.001	<0.001
2/28/2024		<0.001	<0.001		
3/1/2024				<0.001	<0.001
3/4/2024	<0.001				
8/6/2024	<0.001	<0.001	<0.001	<0.001	<0.001

Time Series

Constituent: Thallium, Total (mg/L) Analysis Run 12/2/2024 10:20 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
5/9/2010		<0.001	<0.001	<0.001	
5/10/2010	<0.001				<0.001
6/16/2010	<0.001				<0.001
6/18/2010		<0.001	<0.001	<0.001	
7/26/2010					<0.001
7/27/2010	<0.001	<0.001			
7/28/2010				<0.001	
7/29/2010			<0.001		
9/7/2010					<0.001
9/8/2010	<0.001	<0.001			
9/9/2010			<0.001	<0.001	
4/26/2011			<0.001		
4/29/2011	<0.001	<0.001			<0.001
4/30/2011				<0.001	
10/27/2011	<0.001				
10/28/2011		<0.001	<0.001	<0.001	<0.001
5/2/2012					<0.001
5/3/2012		<0.001		<0.001	
5/4/2012	<0.001		<0.001		
11/9/2012					<0.001
11/10/2012	<0.001	<0.001		<0.001	
11/11/2012			<0.001		
5/8/2013			<0.001	<0.001	<0.001
5/9/2013	<0.001	<0.001			
11/5/2013				<0.001	
11/6/2013	<0.001	<0.001			<0.001
11/7/2013			<0.001		
5/20/2014	<0.001	<0.001	<0.001	<0.001	
5/23/2014					<0.001
11/8/2014					<0.001
11/12/2014	<0.001	<0.001	<0.001	<0.001	
5/22/2015					<0.001
5/23/2015		<0.001			
5/24/2015	<0.001		<0.001	<0.001	
11/10/2015					<0.001
11/11/2015				<0.001	
11/12/2015	<0.001	<0.001	<0.001		
4/11/2016					<0.001
4/13/2016	<0.001 (D)	<0.001 (D)	<0.001 (D)	<0.001 (D)	
6/16/2016					<0.001
6/21/2016	<0.001	<0.001	<0.001	<0.001	
8/11/2016					<0.001
8/15/2016	<0.001	<0.001	<0.001	<0.001	
10/4/2016				<0.001	
10/5/2016	<0.001	<0.001			<0.001
10/7/2016			<0.001		
11/29/2016					<0.001
12/1/2016	<0.001	<0.001	<0.001	<0.001	
2/7/2017				<0.001	
2/8/2017	<0.001	<0.001			<0.001
2/9/2017			<0.001		
4/5/2017		<0.001			

Time Series

Constituent: Thallium, Total (mg/L) Analysis Run 12/2/2024 10:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
4/6/2017	<0.001		<0.001	<0.001	<0.001
6/20/2017	<0.001	<0.001		<0.001	
6/21/2017					<0.001
6/22/2017			<0.001		
10/5/2017	<0.001	<0.001		<0.001	<0.001
10/6/2017			<0.001		
3/20/2018				<0.001	<0.001
3/21/2018	<0.001	<0.001 (D)			
3/22/2018			<0.001		
10/2/2018	<0.001	<0.001		<0.001	<0.001
10/3/2018			<0.001		
3/26/2019		<0.001	<0.001	<0.001	<0.001
3/27/2019	<0.001				
9/11/2019	<0.001	<0.001	<0.001	<0.001	<0.001
3/18/2020	<0.001	<0.001	<0.001	<0.001	<0.001
9/9/2020				<0.001	<0.001
9/10/2020	<0.001	<0.001	<0.001		
4/1/2021	<0.001	<0.001		<0.001	<0.001
4/6/2021			<0.001		
8/11/2021	<0.001	<0.001	<0.001	<0.001	<0.001
2/16/2022	<0.001	<0.001	<0.001	<0.001	<0.001
8/25/2022	<0.001				<0.001
8/26/2022		<0.001	<0.001	<0.001	
2/27/2023	<0.001	<0.001	<0.001	<0.001	
2/28/2023					<0.001
8/9/2023	<0.001	<0.001	<0.001	<0.001	<0.001
2/29/2024	<0.001	<0.001			<0.001
3/1/2024			<0.001	<0.001	
8/6/2024	<0.001	<0.001	<0.001		<0.001
8/8/2024				<0.001	

Time Series

Constituent: Thallium, Total (mg/L) Analysis Run 12/2/2024 10:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
5/11/2010	<0.001	<0.001	<0.001	<0.001	<0.001
6/16/2010	<0.001				
6/17/2010			<0.001	<0.001	<0.001
6/19/2010		<0.001			
7/27/2010	<0.001	<0.001	<0.001		
7/28/2010				<0.001	<0.001
9/7/2010	<0.001		<0.001	<0.001	
9/8/2010					<0.001
9/9/2010		<0.001			
4/28/2011		<0.001			<0.001
4/29/2011	<0.001		<0.001	<0.001	
10/28/2011	<0.001	<0.001	<0.001	<0.001	
10/29/2011					<0.001
5/2/2012	<0.001				
5/3/2012		<0.001	<0.001	<0.001	<0.001
11/9/2012	<0.001	<0.001		<0.001	
11/10/2012			<0.001		<0.001
5/9/2013	<0.001	<0.001	<0.001		
5/10/2013				<0.001	<0.001
11/5/2013		<0.001			
11/6/2013	<0.001		<0.001	<0.001	<0.001
5/22/2014	<0.001	<0.001	<0.001	<0.001	<0.001
11/8/2014	<0.001				
11/9/2014			<0.001	<0.001	<0.001
11/13/2014		<0.001			
5/22/2015				<0.001	<0.001
5/23/2015	<0.001				
5/24/2015		<0.001	<0.001		
11/10/2015	<0.001		<0.001	<0.001	
11/11/2015		<0.001			<0.001
4/11/2016	<0.001				
4/12/2016		<0.001	<0.001	<0.001 (D)	<0.001
6/16/2016	<0.001	<0.001	<0.001		
6/20/2016				<0.001	<0.001
8/11/2016	<0.001	<0.001	<0.001		
8/12/2016				<0.001	<0.001
10/4/2016		<0.001			
10/5/2016	<0.001		<0.001	<0.001	
10/6/2016					<0.001
11/29/2016	<0.001				
11/30/2016		<0.001	<0.001	<0.001	<0.001
2/7/2017		<0.001			
2/8/2017	<0.001		<0.001	<0.001	<0.001
4/5/2017	<0.001				
4/6/2017		<0.001	<0.001	<0.001	<0.001
6/20/2017		<0.001			
6/21/2017	<0.001		<0.001	<0.001	
6/22/2017					<0.001
10/4/2017		<0.001			
10/5/2017	<0.001		<0.001	<0.001	
10/6/2017					<0.001
3/20/2018	<0.001	<0.001			

Time Series

Constituent: Thallium, Total (mg/L) Analysis Run 12/2/2024 10:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
3/21/2018			<0.001	<0.001	<0.001
10/2/2018	<0.001	<0.001			
10/3/2018			<0.001	<0.001	<0.001
3/26/2019	<0.001	<0.001	<0.001	<0.001	<0.001
9/10/2019		<0.001		<0.001	<0.001
9/12/2019	<0.001		<0.001		
3/18/2020		0.00025 (J)		<0.001	
3/19/2020	<0.001		<0.001		0.00036 (J)
9/9/2020	<0.001	<0.001			
9/10/2020			<0.001	<0.001	<0.001
4/1/2021		<0.001			
4/2/2021					<0.001
4/5/2021	0.00032 (J)		<0.001		
4/6/2021				<0.001	
8/11/2021	<0.001		<0.001		
8/12/2021		<0.001		<0.001	<0.001
2/15/2022		<0.001		<0.001	<0.001
2/16/2022	<0.001		<0.001		
8/25/2022	<0.001		<0.001	<0.001	<0.001
8/26/2022		<0.001			
2/27/2023		<0.001			<0.001
2/28/2023	<0.001		<0.001	<0.001	
8/8/2023	<0.001		<0.001		<0.001
8/9/2023		<0.001		<0.001	
2/29/2024	<0.001				<0.001
3/1/2024		<0.001	<0.001		
3/4/2024				<0.001	
8/6/2024	<0.001	<0.001	<0.001		
8/7/2024				<0.001	<0.001

Time Series

Constituent: Thallium, Total (mg/L) Analysis Run 12/2/2024 10:20 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
5/10/2010			<0.001	<0.001	<0.001
5/11/2010	<0.001	<0.001			
6/16/2010					<0.001
6/18/2010	<0.001	<0.001	<0.001		
6/19/2010				<0.001	
7/27/2010	<0.001	<0.001			<0.001
7/28/2010			<0.001	<0.001	
9/8/2010				<0.001	<0.001
9/9/2010	<0.001	<0.001	<0.001		
4/29/2011	<0.001				<0.001
4/30/2011		<0.001	<0.001	<0.001	
10/27/2011				<0.001	<0.001
10/28/2011	<0.001				
10/29/2011		<0.001	0.00027		
5/3/2012					<0.001
5/4/2012	<0.001	<0.001	<0.001	<0.001	
11/10/2012	<0.001	<0.001	<0.001		
11/11/2012				<0.001	<0.001
5/9/2013	<0.001	<0.001	<0.001		<0.001
5/10/2013				<0.001	
11/6/2013	<0.001				<0.001
11/7/2013		<0.001	0.00026	<0.001	
5/21/2014		<0.001	<0.001	<0.001	<0.001
5/22/2014	<0.001				
11/9/2014	<0.001	<0.001			
11/12/2014			<0.001		<0.001
11/13/2014				<0.001	
5/23/2015				<0.001	<0.001
5/24/2015	<0.001	<0.001	<0.001		
11/11/2015	<0.001	<0.001	<0.001	<0.001	
11/12/2015					<0.001
4/12/2016		<0.001			
4/13/2016			<0.001 (D)		<0.001 (D)
4/19/2016	<0.001			<0.001	
6/20/2016		<0.001	<0.001		
6/22/2016	<0.001				<0.001
8/12/2016		<0.001			
8/15/2016			<0.001		<0.001
8/16/2016	<0.001				
10/6/2016	<0.001	<0.001	<0.001		<0.001
10/10/2016				<0.001	
11/30/2016		<0.001			
12/1/2016	<0.001		<0.001	<0.001	<0.001
2/8/2017					<0.001
2/9/2017	<0.001	<0.001	<0.001	<0.001	
4/6/2017	<0.001	<0.001			<0.001
4/7/2017			<0.001	<0.001	
6/21/2017	<0.001	<0.001		<0.001	<0.001
6/22/2017			<0.001		
8/15/2017				<0.001	
9/1/2017				<0.001	
10/5/2017	<0.001				<0.001

Time Series

Constituent: Thallium, Total (mg/L) Analysis Run 12/2/2024 10:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
10/6/2017		<0.001	<0.001		
10/9/2017				<0.001	
3/21/2018		<0.001			<0.001
3/22/2018	<0.001		<0.001	<0.001	
10/2/2018					<0.001
10/3/2018	<0.001	<0.001			
10/4/2018			<0.001	<0.001	
3/26/2019		<0.001			
3/27/2019	<0.001		<0.001	<0.001	<0.001
9/11/2019	<0.001	<0.001	<0.001	<0.001	<0.001
3/18/2020	<0.001	<0.001		<0.001	<0.001
3/19/2020			<0.001		
9/9/2020	<0.001			<0.001	<0.001
9/10/2020		<0.001	0.00019 (J)		
4/1/2021	<0.001		<0.001		<0.001
4/5/2021		0.0003 (J)		0.00081 (J)	
8/11/2021		0.0002 (J)	0.00043 (J)		
8/12/2021	0.00037 (J)			0.00043 (J)	0.00016 (J)
2/15/2022	<0.001	<0.001	<0.001	<0.001	<0.001
8/25/2022	<0.001	<0.001	<0.001	<0.001	<0.001
2/27/2023		<0.001	<0.001	<0.001	<0.001
2/28/2023	<0.001				
8/8/2023	<0.001	<0.001	<0.001	<0.001	<0.001
2/29/2024	<0.001	<0.001	<0.001	<0.001	
3/1/2024					<0.001
8/6/2024	<0.001		<0.001	<0.001	<0.001
8/7/2024		<0.001			

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 12/2/2024 10:20 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
4/6/2016	38	84	61		
4/12/2016				147	
4/13/2016					103 (D)
6/15/2016	<10	139	113		
6/16/2016				150	
6/21/2016					214 (O)
8/10/2016	56	80	74		
8/11/2016				110	
8/15/2016					130
10/4/2016	48	62		140	
10/5/2016			44		84
11/29/2016		110	58		
11/30/2016	46			130	
12/1/2016					130
2/7/2017	18	70	4 (J)	130	
2/8/2017					130
4/4/2017	32	120	78		
4/5/2017				130	
4/6/2017					130
6/20/2017	38	76	50	120	
6/21/2017					120
10/4/2017	42			130	
10/5/2017		110	64		140
3/20/2018	20 (JX)	110	90	110	
3/21/2018					120
10/2/2018	48	110	90	140	150
3/26/2019	45	100	82	150	
3/27/2019					140
9/10/2019	42	75	51	130	
9/11/2019					110
3/18/2020	43	93	75	130	140
9/9/2020	<10	66	64	120	160
4/1/2021	55	100	68	120	140
8/11/2021	55	100	94		
8/17/2021					160
8/18/2021				150	
2/15/2022	42	99	79	120	150
8/24/2022			110	160	
8/25/2022	86	130			170
2/21/2023					150
2/27/2023				160	
2/28/2023	50	110	94		
8/3/2023	53	110	85		
8/9/2023				140	140
2/28/2024		100	85		
3/1/2024				150	150
3/4/2024	41				
8/6/2024	53	110	86	140	140

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 12/2/2024 10:20 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
4/11/2016					89
4/13/2016	99 (D)	<5 (D)	60 (D)	56 (D)	
6/16/2016					88
6/21/2016	293 (o)	110	195 (O)	68	
8/11/2016					52
8/15/2016	90	<5	42	46	
10/4/2016				60	
10/5/2016	70	<5			76
10/7/2016			24		
11/29/2016					72
12/1/2016	120	16	68	70	
2/7/2017				40	
2/8/2017	86	12			74
2/9/2017			56		
4/5/2017		18			
4/6/2017	130		68	74	84
6/20/2017	86	<5		34	
6/21/2017					88
6/22/2017			56		
10/5/2017	94	28		98	110
10/6/2017			90		
3/20/2018				42	92
3/21/2018	100	28 (JX)			
3/22/2018			76		
10/2/2018	120	38		40	100
10/3/2018			22		
3/26/2019		29	59	60	94
3/27/2019	100				
9/11/2019	94	14	33	26	77
3/18/2020	100	26	100	57	92
9/9/2020				54	77
9/10/2020	95	13	60		
4/1/2021	90	17		43	62
4/6/2021			55		
8/11/2021	120	18	75	71	98
2/16/2022	79	16	55	46	70
8/25/2022	130				130
8/26/2022		29	84	91	
2/27/2023	120	39	87	70	
2/28/2023					100
8/9/2023	98	27	74	64	95
2/29/2024	110	32			96
3/1/2024			74	63	
8/6/2024	100	28	78		95
8/8/2024				65	

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 12/2/2024 10:20 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
4/11/2016	99				
4/12/2016		93	104	92 (D)	80
6/16/2016	102	130	111		
6/20/2016				78	111
8/11/2016	38	92	70		
8/16/2016				76	100
10/4/2016		120			
10/5/2016	26		92	64	
10/6/2016					110
11/29/2016	82				
11/30/2016		130	92	82	110
2/7/2017		36			
2/8/2017	78		98	92	120
4/5/2017	100				
4/6/2017		150	92	88	130
6/20/2017		92			
6/21/2017	100		100	88	
6/22/2017					110
10/4/2017		120			
10/5/2017	100		130	86	
10/6/2017					120
3/20/2018	100	120			
3/21/2018			100	98	160
10/2/2018	130	140			
10/3/2018			130	60	120
3/26/2019	100	130	110	86	130
9/10/2019		140		66	93
9/12/2019	70		84		
3/18/2020		140		72	
3/19/2020	110		120		130
9/9/2020	120	110			
9/10/2020			110	59	130
4/1/2021		120			
4/2/2021					150
4/6/2021				81	
6/1/2021	130		120		
8/11/2021	120		110		
8/12/2021		130		89	130
2/15/2022		120		53	140
2/16/2022	110		110		
8/25/2022	150		140	110	170
8/26/2022		180			
2/27/2023		140			240
2/28/2023	130		120	72	
5/2/2023					290
8/8/2023	130		130		220
8/9/2023		120		88	
2/29/2024	130				260
3/1/2024		140	130		
3/4/2024				99	
8/6/2024	130	130	120		
8/7/2024				100	250

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 12/2/2024 10:20 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
4/12/2016		138			
4/13/2016			130 (D)		135 (D)
4/19/2016	1290			179	
6/20/2016		154	116		
6/22/2016	1060				199
8/15/2016			92		120
8/16/2016	880	140			
10/6/2016	820	150	110		140
10/10/2016				110 (O)	
11/30/2016		160			
12/1/2016	900		140	170	160
2/8/2017					130
2/9/2017	940	160	120	180	
4/6/2017	1100	140			140
4/7/2017			120	200	
6/21/2017	1200	150		190	150
6/22/2017			100		
8/15/2017				190	
9/1/2017				160	
10/5/2017	950				170
10/6/2017		160	140		
3/21/2018		170			160
3/22/2018	1000		130	220	
10/2/2018					34
10/3/2018	620	120			
10/4/2018			110		
10/17/2018				170	
3/26/2019		130			
3/27/2019	580		120	300	140
9/11/2019	310	120	100	210	130
3/18/2020	430	140		300	130
3/19/2020			98		
9/9/2020	270			360	150
9/10/2020		140	120		
4/1/2021	260		110		120
6/1/2021				340	
6/2/2021		140			
8/11/2021		160	130		
8/12/2021	370			240	150
2/15/2022	290	140	140	330	140
8/25/2022	290	170	150	270	180
2/27/2023		150	140	340	170
2/28/2023	240				
8/8/2023	230	110	130	910	150
10/4/2023				240 (R)	
2/29/2024	190	160	130	270	
3/1/2024					160
8/6/2024	210		130	230	170
8/7/2024		150			

Time Series

Constituent: Vanadium (mg/L) Analysis Run 12/2/2024 10:20 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
5/8/2010			0.0024 (J)		
5/9/2010	<0.002	0.0049 (J)			
5/10/2010					0.011
5/11/2010				0.012	
6/16/2010		0.0054 (J)	0.002 (J)		0.01
6/17/2010				0.0082 (J)	
6/18/2010	<0.002				
7/26/2010			<0.01		
7/27/2010		0.0055 (J)		0.0096 (J)	
7/28/2010	<0.002				0.011
9/7/2010		0.005 (J)	0.0026 (J)		
9/8/2010					0.011
9/9/2010	<0.002			0.0098 (J)	
4/28/2011				0.0085 (J)	
4/29/2011		0.005 (J)	0.0036 (J)		0.01
4/30/2011	<0.002				
10/27/2011					0.014
10/28/2011	<0.002	0.0081 (J)	<0.01		
10/29/2011				0.011	
5/2/2012	<0.002	0.0059 (J)	0.003 (J)		
5/3/2012				0.013	
5/4/2012					0.0096 (J)
11/9/2012	<0.002	0.0062 (J)	0.0081 (J)	0.013	
11/11/2012					0.011
5/8/2013	<0.002	0.0079 (J)	<0.01		
5/9/2013				0.012	0.011
11/5/2013	<0.002			0.015	0.013
11/6/2013		0.0068 (J)	0.0032 (J)		
5/20/2014	<0.002	0.0074 (J)	0.0036 (J)		
5/21/2014					0.012
5/23/2014				0.015	
11/8/2014		0.0097 (J)	0.0065 (J)		
11/12/2014	0.0035 (J)				0.016
11/13/2014				0.02	
5/22/2015	<0.002	0.0085 (J)	<0.01		
5/23/2015				0.018	0.011
11/9/2015		<0.01	0.0047 (J)		
11/11/2015	<0.002			0.018	
11/12/2015					0.0053 (J)
4/6/2016	<0.002	0.00726 (J)	0.00424 (J)		
4/12/2016				0.0173	
4/13/2016					0.0124 (D)
10/4/2016	0.0031	0.013		0.021	
10/5/2016			0.0049		0.013
4/4/2017	<0.002	0.0046	0.0048		
4/5/2017				0.017	
4/6/2017					0.013
10/4/2017	0.0021 (J)			0.02	
10/5/2017		0.0071	0.0024 (J)		0.015
3/20/2018	<0.002 (D)	0.0067	0.0041	0.016	
3/21/2018					0.012
10/2/2018	<0.002	0.0069	0.004	0.017	0.012

Time Series

Constituent: Vanadium (mg/L) Analysis Run 12/2/2024 10:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
3/26/2019	<0.002	0.007	0.0051	0.017	
3/27/2019					0.012
9/10/2019	0.0022	0.01	0.0091	0.02	
9/11/2019					0.017
3/18/2020	0.0011	0.0078	0.0051	0.02	0.013
9/9/2020	<0.002	0.0072	0.0053	0.018	0.012
4/1/2021	<0.002	0.0078	0.005	0.019	0.013
8/11/2021	<0.002	0.0082	0.0055		
8/18/2021				0.018	
10/18/2021					0.013
2/15/2022	<0.002	0.0077	0.0052	0.018	0.012
8/24/2022			0.0051	0.017	
8/25/2022	<0.002	0.0079			0.011
2/21/2023					0.012
2/27/2023				0.019	
2/28/2023	0.0011	0.0087	0.0057		
8/3/2023	<0.002	0.0086	0.0041		
8/9/2023				0.019	0.013
2/28/2024		0.0087	0.0056		
3/1/2024				0.018	0.013
3/4/2024	0.00066 (J)				
8/6/2024	<0.002	0.0082	0.0055	0.019	0.01

Time Series

Constituent: Vanadium (mg/L) Analysis Run 12/2/2024 10:20 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
5/9/2010		<0.002	<0.002	<0.002	
5/10/2010	0.009 (J)				0.0052 (J)
6/16/2010	0.0089 (J)				0.0059 (J)
6/18/2010		<0.002	<0.002	<0.002	
7/26/2010					0.0052 (J)
7/27/2010	0.0089 (J)	<0.002			
7/28/2010				<0.002	
7/29/2010			<0.002		
9/7/2010					0.0056 (J)
9/8/2010	0.009 (J)	<0.002			
9/9/2010			<0.002	<0.002	
4/26/2011			<0.002		
4/29/2011	0.0082 (J)	<0.002			0.005 (J)
4/30/2011				<0.002	
10/27/2011	0.009 (J)				
10/28/2011		<0.002	<0.002	<0.002	0.0048 (J)
5/2/2012					0.0057 (J)
5/3/2012		<0.002		<0.002	
5/4/2012	0.0091 (J)		<0.002		
11/9/2012					0.0057 (J)
11/10/2012	0.0096 (J)	<0.002		<0.002	
11/11/2012			<0.002		
5/8/2013			0.0039 (J)	<0.002	0.0069 (J)
5/9/2013	0.01	<0.002			
11/5/2013				<0.002	
11/6/2013	0.01	<0.002			0.0052 (J)
11/7/2013			<0.002		
5/20/2014	0.011	<0.002	<0.002	<0.002	
5/23/2014					0.0081 (J)
11/8/2014					0.01
11/12/2014	0.012	0.0032 (J)	0.004 (J)	<0.002	
5/22/2015					0.0052 (J)
5/23/2015		<0.002			
5/24/2015	0.012		<0.002	<0.002	
11/10/2015					<0.01
11/11/2015				<0.002	
11/12/2015	<0.01	<0.002	<0.002		
4/11/2016					0.00604 (J)
4/13/2016	0.00976 (JD)	<0.002 (D)	<0.002 (D)	<0.002 (D)	
10/4/2016				0.0026	
10/5/2016	0.013	<0.002			0.0075
10/7/2016			<0.002		
4/5/2017		<0.002			
4/6/2017	0.011		<0.002	<0.002	0.0065
10/5/2017	0.013	0.0022 (J)		0.0024 (J)	0.0052
10/6/2017			0.0032		
3/20/2018				<0.002	0.0064
3/21/2018	0.0098	<0.0014 (JX)			
3/22/2018			<0.002		
10/2/2018	0.01	<0.002		<0.002	0.0064
10/3/2018			<0.002		
3/26/2019		0.0029	0.0041	0.0034	0.0094

Time Series

Constituent: Vanadium (mg/L) Analysis Run 12/2/2024 10:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
3/27/2019	0.012				
9/11/2019	0.015	0.0052	0.0062	0.0062	0.011
3/18/2020	0.011	<0.002	0.001	<0.002	0.0075
9/9/2020				<0.002	0.007
9/10/2020	0.01	<0.002	0.0011		
4/1/2021	0.011	<0.002		0.0013	0.0081
4/6/2021			0.0028		
8/11/2021	0.011	<0.002	0.0013	0.0012	0.008
2/16/2022	0.0099	<0.002	0.0011	0.00091 (J)	0.0066
8/25/2022	0.0099				0.007
8/26/2022		<0.002	0.0016	0.0017	
2/27/2023	0.012	0.0014	0.0021	0.002	
2/28/2023					0.0072
8/9/2023	0.0099	<0.002	0.0016 (J)	0.00079 (J)	0.0061
2/29/2024	0.011	<0.002			0.0069
3/1/2024			0.0011 (J)	<0.002	
8/6/2024	0.0089	<0.002	<0.002		0.0066
8/8/2024				<0.002	

Time Series

Constituent: Vanadium (mg/L) Analysis Run 12/2/2024 10:20 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
5/11/2010	0.0064 (J)	0.0078 (J)	0.014	0.0046 (J)	0.0068 (J)
6/16/2010	0.0061 (J)				
6/17/2010			0.014	0.0046 (J)	0.0079 (J)
6/19/2010		<0.01			
7/27/2010	0.006 (J)	0.0096 (J)	0.016		
7/28/2010				0.019 (O)	0.0077 (J)
9/7/2010	0.0066 (J)		0.017	0.0072 (J)	
9/8/2010					0.0077 (J)
9/9/2010		0.0095 (J)			
4/28/2011		0.01			0.0099 (J)
4/29/2011	0.0066 (J)		0.015	0.0052 (J)	
10/28/2011	0.0057 (J)	0.014	0.016	0.0059 (J)	
10/29/2011					0.006 (J)
5/2/2012	0.006 (J)				
5/3/2012		0.013	0.016	0.0049 (J)	0.0084 (J)
11/9/2012	0.0073 (J)	0.012		0.007 (J)	
11/10/2012			0.018		0.0061 (J)
5/9/2013	0.0069 (J)	0.012	0.019		
5/10/2013				0.0094 (J)	0.009 (J)
11/5/2013		0.014			
11/6/2013	0.0077 (J)		0.019	0.0059 (J)	0.0089 (J)
5/22/2014	0.0075 (J)	0.013	0.018	0.0057 (J)	0.0084 (J)
11/8/2014	0.0081 (J)				
11/9/2014			0.02	0.0069 (J)	0.0076 (J)
11/13/2014		0.016			
5/22/2015				0.006 (J)	0.011
5/23/2015	0.01				
5/24/2015		0.014	0.016		
11/10/2015	0.0033 (J)		0.01	0.011	
11/11/2015		0.014			0.0034 (J)
4/11/2016	0.00756 (J)				
4/12/2016		0.0155	0.019	0.00503 (JD)	0.00654 (J)
10/4/2016		0.017			
10/5/2016	0.0084		<0.016	<0.0072	
10/6/2016					<0.0086
4/5/2017	0.0086				
4/6/2017		0.015	0.02	0.0056	0.0073
10/4/2017		0.015			
10/5/2017	0.0062		0.02	0.0061	
10/6/2017					0.0087
3/20/2018	0.0072	0.014			
3/21/2018			0.021	0.0097	0.0058
10/2/2018	0.0073	0.015			
10/3/2018			0.017	0.0053	0.006
3/26/2019	0.0094	0.016	0.018	0.0076	0.011
9/10/2019		0.018		0.0078	0.0086
9/12/2019	0.0083		0.02		
3/18/2020		0.016		0.0051	
3/19/2020	0.008		0.019		0.0065
9/9/2020	0.0071	0.014			
9/10/2020			0.018	0.0061	0.0068
4/1/2021		0.014			

Time Series

Constituent: Vanadium (mg/L) Analysis Run 12/2/2024 10:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
4/2/2021					0.0081
4/5/2021	0.0068		0.017		
4/6/2021				0.0075	
8/11/2021	0.0076		0.019		
8/12/2021		0.016		0.0087	0.007
2/15/2022		0.016		0.0064	0.0059
2/16/2022	0.0068		0.018		
8/25/2022	0.0068		0.018	0.0072	0.0059
8/26/2022		0.015			
2/27/2023		0.016			0.0056
2/28/2023	0.0078		0.019	0.0066	
8/8/2023	0.007		0.018		0.0056
8/9/2023		0.016		0.0057	
2/29/2024	0.0078				0.0049
3/1/2024		0.015	0.019		
3/4/2024				0.0051	
8/6/2024	0.0075	0.016	0.017		
8/7/2024				0.0054	0.0038

Time Series

Constituent: Vanadium (mg/L) Analysis Run 12/2/2024 10:20 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
5/10/2010			0.011	0.013	0.0097 (J)
5/11/2010	0.0038 (J)	0.0055			
6/16/2010					0.01
6/18/2010	0.0044 (J)	0.0071 (J)	0.017		
6/19/2010				0.0075 (J)	
7/27/2010	0.0054 (J)	0.0085 (J)			0.012
7/28/2010			0.012	0.01	
9/8/2010				0.038	0.013
9/9/2010	0.0053 (J)	0.0088 (J)	0.013		
4/29/2011	0.0039 (J)				0.0097 (J)
4/30/2011		0.0094 (J)	0.012	0.053 (O)	
10/27/2011				0.016	0.015
10/28/2011	<0.0025				
10/29/2011		0.009 (J)	0.013		
5/3/2012					0.017
5/4/2012	<0.0025	0.0084 (J)	0.012	0.018	
11/10/2012	0.0035 (J)	0.0089 (J)	0.012		
11/11/2012				0.025	0.017
5/9/2013	0.004 (J)	0.0071 (J)	0.013		0.014
5/10/2013				0.09 (O)	
11/6/2013	0.0034 (J)				0.019
11/7/2013		0.0094 (J)	0.014	0.02	
5/21/2014		0.0082 (J)	0.013	0.016	0.016
5/22/2014	0.0047 (J)				
11/9/2014	0.0067 (J)	0.013			
11/12/2014			0.015		0.022
11/13/2014				0.065 (O)	
5/23/2015				0.032	0.016
5/24/2015	0.0033 (J)	0.009 (J)	0.015		
11/11/2015	<0.0025	0.0052	0.0055 (J)	0.033	
11/12/2015					0.015
4/12/2016		0.00896 (J)			
4/13/2016			0.0127 (D)		0.0144 (D)
4/19/2016	<0.0025			0.0233	
10/6/2016	<0.0025	<0.009	<0.012		<0.02
10/10/2016				0.019 (D)	
4/6/2017	0.0018 (J)	0.0089			0.016
4/7/2017			0.013	0.0044	
10/5/2017	<0.0025				0.024
10/6/2017		0.011	0.015		
10/9/2017				0.0047	
3/21/2018		0.0077			0.018
3/22/2018	0.0018 (J)		0.012	0.0043	
10/2/2018					0.021
10/3/2018	0.0018 (J)	0.0081			
10/4/2018			0.012	<0.002	
3/26/2019		0.012			
3/27/2019	0.002 (J)		0.013	0.003	0.019
9/11/2019	0.0047	0.012	0.015	0.0042	0.025
3/18/2020	0.002	0.0099		0.0031	0.012
3/19/2020			0.014		
9/9/2020	0.002			<0.002	0.022

Time Series

Constituent: Vanadium (mg/L) Analysis Run 12/2/2024 10:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
9/10/2020		0.0094	0.014		
4/1/2021	0.0027		0.014		0.0095
4/5/2021		0.0091		0.0023	
8/11/2021		0.0099	0.013		
8/12/2021	0.0021			<0.002	0.02
2/15/2022	0.0026	0.0094	0.013	0.00079 (J)	0.017
8/25/2022	0.0026	0.011	0.014	0.0023	0.025
2/27/2023		0.0097	0.014	0.0019	0.018
2/28/2023	0.003				
8/8/2023	0.0018 (J)	0.0094	0.012	<0.002	0.019
2/29/2024	0.0029	0.0093	0.013	<0.002	
3/1/2024					0.016
8/6/2024	0.0023		0.013	<0.002	0.02
8/7/2024		0.0091			

Time Series

Constituent: Zinc (mg/L) Analysis Run 12/2/2024 10:20 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
5/8/2010			<0.005		
5/9/2010	<0.005	<0.005			
5/10/2010					<0.005
5/11/2010				<0.005	
6/16/2010		<0.005	<0.005		<0.005
6/17/2010				<0.005	
6/18/2010	<0.005				
7/26/2010			<0.005		
7/27/2010		<0.005		<0.005	
7/28/2010	<0.005				<0.005
9/7/2010		<0.005	<0.005		
9/8/2010					<0.005
9/9/2010	<0.005			<0.005	
4/28/2011				<0.005	
4/29/2011		<0.005	<0.005		<0.005
4/30/2011	<0.005				
10/27/2011					<0.005
10/28/2011	<0.005	<0.005	<0.005		
10/29/2011				<0.005	
5/2/2012	<0.005	<0.005	<0.005		
5/3/2012				<0.005	
5/4/2012					<0.005
11/9/2012	<0.005	<0.005	<0.005	<0.005	
11/11/2012					<0.005
5/8/2013	<0.005	<0.005	<0.005		
5/9/2013				<0.005	<0.005
11/5/2013	<0.005			<0.005	<0.005
11/6/2013		<0.005	<0.005		
5/20/2014	<0.005	<0.005	<0.005		
5/21/2014					<0.005
5/23/2014				<0.005	
11/8/2014		<0.005	<0.005		
11/12/2014	<0.005				<0.005
11/13/2014				<0.005	
5/22/2015	<0.005	<0.005	<0.005		
5/23/2015				<0.005	<0.005
11/9/2015		<0.005	<0.005		
11/11/2015	<0.005			<0.005	
11/12/2015					<0.005
4/6/2016	<0.005	<0.005	0.00274 (J)		
4/12/2016				<0.005	
4/13/2016					<0.005 (D)
10/4/2016	<0.005	<0.005		<0.005	
10/5/2016			0.0073 (J)		<0.005
4/4/2017	<0.005	<0.005	<0.005		
4/5/2017				<0.005	
4/6/2017					<0.005
10/4/2017	<0.005			<0.005	
10/5/2017		<0.005	<0.005		<0.005
3/20/2018	<0.005 (D)	<0.005	<0.005	<0.005	
3/21/2018					<0.005
10/2/2018	<0.005	<0.005	<0.005	<0.005	<0.005

Time Series

Constituent: Zinc (mg/L) Analysis Run 12/2/2024 10:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
3/26/2019	<0.005	<0.005	<0.005	<0.005	
3/27/2019					<0.005
9/10/2019	0.006	0.0047 (J)	0.0084	0.0038 (J)	
9/11/2019					0.004 (J)
3/18/2020	<0.005	<0.005	<0.005	<0.005	<0.005
9/9/2020	<0.005	<0.005	<0.005	<0.005	<0.005
4/1/2021	<0.005	<0.005	<0.005	<0.005	<0.005
8/11/2021	<0.005	<0.005	<0.005		
8/18/2021				<0.005	
10/18/2021					<0.005
2/15/2022	<0.005	<0.005	<0.005	<0.005	<0.005
8/24/2022			<0.005	0.0039 (J)	
8/25/2022	<0.005	<0.005			<0.005
2/21/2023					<0.005
2/27/2023				<0.005	
2/28/2023	<0.005	<0.005	<0.005		
8/3/2023	<0.005	0.0035 (J)	<0.005		
8/9/2023				<0.005	<0.005
2/28/2024		<0.005	<0.005		
3/1/2024				0.004 (J)	<0.005
3/4/2024	<0.005				
8/6/2024	<0.005	<0.005	<0.005	<0.005	<0.005

Time Series

Constituent: Zinc (mg/L) Analysis Run 12/2/2024 10:20 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
5/9/2010		<0.005	<0.005	<0.005	
5/10/2010	<0.005				<0.005
6/16/2010	<0.005				<0.005
6/18/2010		<0.005	<0.005	<0.005	
7/26/2010					<0.005
7/27/2010	<0.005	<0.005			
7/28/2010				<0.005	
7/29/2010			<0.005		
9/7/2010					<0.005
9/8/2010	<0.005	<0.005			
9/9/2010			<0.005	<0.005	
4/26/2011			<0.005		
4/29/2011	<0.005	<0.005			<0.005
4/30/2011				<0.005	
10/27/2011	<0.005				
10/28/2011		<0.005	<0.005	<0.005	<0.005
5/2/2012					<0.005
5/3/2012		<0.005		<0.005	
5/4/2012	<0.005		<0.005		
11/9/2012					<0.005
11/10/2012	<0.005	<0.005		<0.005	
11/11/2012			<0.005		
5/8/2013			<0.005	<0.005	<0.005
5/9/2013	<0.005	<0.005			
11/5/2013				<0.005	
11/6/2013	<0.005	<0.005			<0.005
11/7/2013			<0.005		
5/20/2014	<0.005	<0.005	<0.005	<0.005	
5/23/2014					<0.005
11/8/2014					<0.005
11/12/2014	<0.005	<0.005	<0.005	<0.005	
5/22/2015					<0.005
5/23/2015		<0.005			
5/24/2015	<0.005		<0.005	<0.005	
11/10/2015					<0.005
11/11/2015				<0.005	
11/12/2015	<0.005	<0.005	<0.005		
4/11/2016					<0.005
4/13/2016	0.00241 (JD)	0.00409 (JD)	0.00289 (JD)	<0.005 (D)	
10/4/2016				<0.005	
10/5/2016	<0.005	<0.005			<0.005
10/7/2016			<0.005		
4/5/2017		<0.005			
4/6/2017	<0.005		<0.005	<0.005	<0.005
10/5/2017	<0.005	<0.005		<0.005	<0.005
10/6/2017			0.0071 (J)		
3/20/2018				<0.005	<0.005
3/21/2018	0.007 (J)	<0.005 (D)			
3/22/2018			<0.005		
10/2/2018	0.022 (O)	<0.005		<0.005	<0.005
10/3/2018			<0.005		
3/26/2019		<0.005	<0.005	<0.005	<0.005

Time Series

Constituent: Zinc (mg/L) Analysis Run 12/2/2024 10:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
3/27/2019	<0.005				
9/11/2019	0.0072	0.0065	0.0085	0.0038 (J)	0.0077
3/18/2020	<0.005	0.005	0.0052	<0.005	<0.005
9/9/2020				<0.005	<0.005
9/10/2020	0.018	0.0037 (J)	0.0038 (J)		
4/1/2021	0.0034 (J)	<0.005		<0.005	<0.005
4/6/2021			0.004 (J)		
8/11/2021	<0.005	<0.005	<0.005	<0.005	<0.005
2/16/2022	0.0034 (J)	0.0032 (J)	0.004 (J)	<0.005	<0.005
8/25/2022	<0.005				<0.005
8/26/2022		<0.005	<0.005	<0.005	
2/27/2023	<0.005	<0.005	<0.005	<0.005	
2/28/2023					<0.005
8/9/2023	<0.005	<0.005	0.0031 (J)	<0.005	<0.005
2/29/2024	0.0036 (J)	<0.005			0.0032 (J)
3/1/2024			<0.005	0.024	
5/7/2024				<0.005 (R)	
8/6/2024	0.0033 (J)	0.0028 (J)	0.003 (J)		<0.005
8/8/2024				<0.005	

Time Series

Constituent: Zinc (mg/L) Analysis Run 12/2/2024 10:20 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
5/11/2010	<0.005	<0.005	<0.005	0.018 (O)	<0.005
6/16/2010	<0.005				
6/17/2010			<0.005	<0.005	<0.005
6/19/2010		<0.005			
7/27/2010	<0.005	<0.005	<0.005		
7/28/2010				0.016 (O)	<0.005
9/7/2010	<0.005		<0.005	<0.005	
9/8/2010					<0.005
9/9/2010		<0.005			
4/28/2011		<0.005			<0.005
4/29/2011	<0.005		<0.005	<0.005	
10/28/2011	<0.005	<0.005	<0.005	<0.005	
10/29/2011					<0.005
5/2/2012	<0.005				
5/3/2012		<0.005	<0.005	<0.005	<0.005
11/9/2012	<0.005	<0.005		<0.005	
11/10/2012			<0.005		<0.005
5/9/2013	<0.005	<0.005	<0.005		
5/10/2013				<0.005	<0.005
11/5/2013		<0.005			
11/6/2013	<0.005		<0.005	<0.005	<0.005
5/22/2014	<0.005	<0.005	<0.005	<0.005	<0.005
11/8/2014	<0.005				
11/9/2014			<0.005	<0.005	<0.005
11/13/2014		<0.005			
5/22/2015				<0.005	<0.005
5/23/2015	<0.005				
5/24/2015		<0.005	<0.005		
11/10/2015	<0.005	<0.005	<0.005	<0.005	
11/11/2015		<0.005			<0.005
4/11/2016	<0.005				
4/12/2016		<0.005	<0.005	<0.005 (D)	0.00203 (J)
10/4/2016		<0.005			
10/5/2016	0.0085 (O)		<0.005	0.01 (O)	
10/6/2016					<0.005
4/5/2017	<0.005				
4/6/2017		<0.005	<0.005	<0.005	<0.005
10/4/2017		<0.005			
10/5/2017	<0.005		<0.005	<0.005	
10/6/2017					<0.005
3/20/2018	<0.005	<0.005			
3/21/2018			<0.005	<0.005	<0.005
10/2/2018	<0.005	<0.005			
10/3/2018			<0.005	<0.005	<0.005
3/26/2019	<0.005	<0.005	<0.005	<0.005	<0.005
9/10/2019		0.004 (J)		0.0069	0.006
9/12/2019	0.0059		0.0065		
3/18/2020		<0.005		<0.005	
3/19/2020	<0.005		<0.005		<0.005
9/9/2020	<0.005	<0.005			
9/10/2020			<0.005	<0.005	<0.005
4/1/2021		0.01			

Time Series

Constituent: Zinc (mg/L) Analysis Run 12/2/2024 10:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
4/2/2021					<0.005
4/5/2021	<0.005		<0.005		
4/6/2021				<0.005	
8/11/2021	<0.005		<0.005		
8/12/2021		<0.005		0.0035 (J)	<0.005
2/15/2022		<0.005		<0.005	<0.005
2/16/2022	<0.005		<0.005		
8/25/2022	<0.005		0.0063	<0.005	<0.005
8/26/2022		<0.005			
2/27/2023		<0.005			<0.005
2/28/2023	<0.005		<0.005	<0.005	
8/8/2023	<0.005		<0.005		<0.005
8/9/2023		0.0046 (J)		<0.005	
2/29/2024	<0.005				<0.005
3/1/2024		<0.005	<0.005		
3/4/2024				<0.005	
8/6/2024	<0.005	<0.005	<0.005		
8/7/2024				0.0028 (J)	<0.005

Time Series

Constituent: Zinc (mg/L) Analysis Run 12/2/2024 10:20 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
5/10/2010			<0.005	<0.005	<0.005
5/11/2010	<0.005	<0.005			
6/16/2010					<0.005
6/18/2010	<0.005	<0.005	<0.005		
6/19/2010				0.0081 (J)	
7/27/2010	<0.005	<0.005			<0.005
7/28/2010			<0.005	0.017 (J)	
9/8/2010				0.085	<0.005
9/9/2010	<0.005	<0.005	<0.005		
4/29/2011	<0.005				<0.005
4/30/2011		<0.005	<0.005	0.13 (O)	
10/27/2011				0.03	<0.005
10/28/2011	<0.005				
10/29/2011		<0.005	<0.005		
5/3/2012					<0.005
5/4/2012	<0.005	<0.005	<0.005	0.029	
11/10/2012	<0.005	<0.005	<0.005		
11/11/2012				0.046	<0.005
5/9/2013	<0.005	<0.005	<0.005		<0.005
5/10/2013				0.23 (O)	
11/6/2013	<0.005				<0.005
11/7/2013		<0.005	<0.005	0.028	
5/21/2014		<0.005	<0.005	0.015 (J)	<0.005
5/22/2014	<0.005				
11/9/2014	<0.005	<0.005			
11/12/2014			<0.005		<0.005
11/13/2014				0.13 (O)	
5/23/2015				0.059	<0.005
5/24/2015	<0.005	<0.005	<0.005		
11/11/2015	0.0089 (J)	<0.005	<0.005	0.079	
11/12/2015					<0.005
4/12/2016		<0.005			
4/13/2016			<0.005 (D)		<0.005 (D)
4/19/2016	0.0133 (O)			0.0218	
10/6/2016	<0.005	<0.005	<0.005		<0.005
10/10/2016				0.013 (J)	
4/6/2017	0.0087 (J)	<0.005			<0.005
4/7/2017			<0.005	<0.005	
10/5/2017	0.0078 (J)				<0.005
10/6/2017		<0.005	<0.005		
10/9/2017				<0.005	
3/21/2018		<0.005			<0.005
3/22/2018	0.0086 (J)		<0.005	<0.005	
10/2/2018					<0.005
10/3/2018	<0.005	<0.005			
10/4/2018			<0.005	<0.005	
3/26/2019		<0.005			
3/27/2019	<0.005		<0.005	<0.005	<0.005
9/11/2019	0.0074	0.0062	0.0074	0.0052	0.0037 (J)
3/18/2020	0.0045 (J)	<0.005		<0.005	<0.005
3/19/2020			<0.005		
9/9/2020	<0.005			<0.005	<0.005

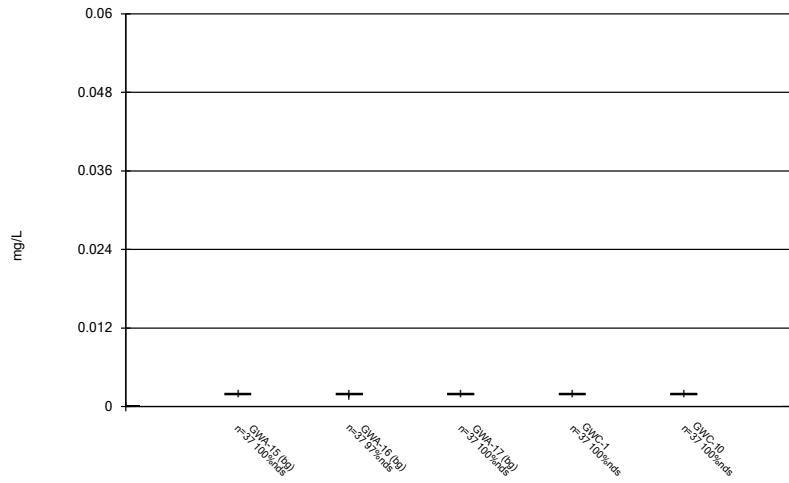
Time Series

Constituent: Zinc (mg/L) Analysis Run 12/2/2024 10:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
9/10/2020		<0.005	<0.005		
4/1/2021	<0.005		<0.005		<0.005
4/5/2021		<0.005		<0.005	
8/11/2021		<0.005	<0.005		
8/12/2021	0.0034 (J)			<0.005	<0.005
2/15/2022	0.0034 (J)	<0.005	0.0037 (J)	<0.005	<0.005
8/25/2022	<0.005	<0.005	<0.005	<0.005	<0.005
2/27/2023		<0.005	<0.005	0.016	<0.005
2/28/2023	<0.005				
8/8/2023	<0.005	<0.005	<0.005	<0.005	<0.005
2/29/2024	<0.005	<0.005	<0.005	<0.005	
3/1/2024					<0.005
8/6/2024	<0.005		<0.005	<0.005	<0.005
8/7/2024		<0.005			

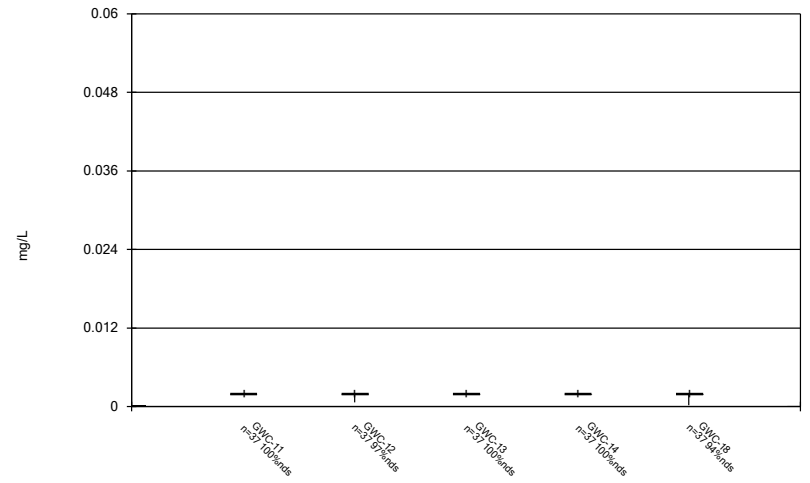
FIGURE B.

Box & Whiskers Plot



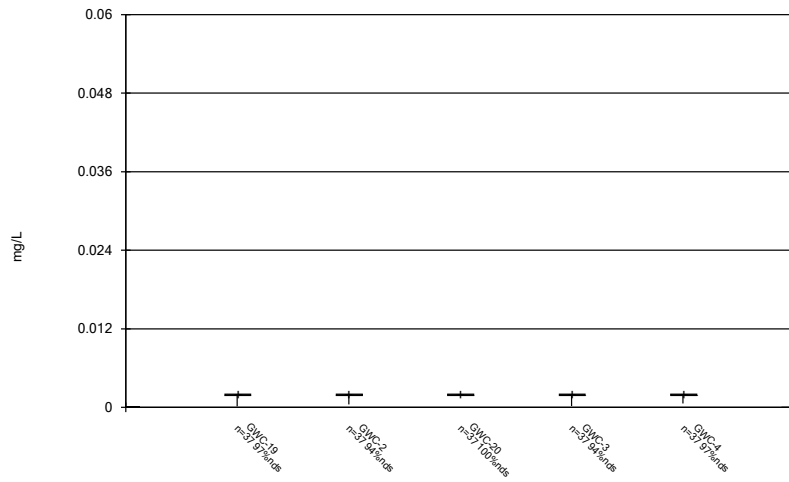
Constituent: Antimony, Total Analysis Run 12/2/2024 10:21 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



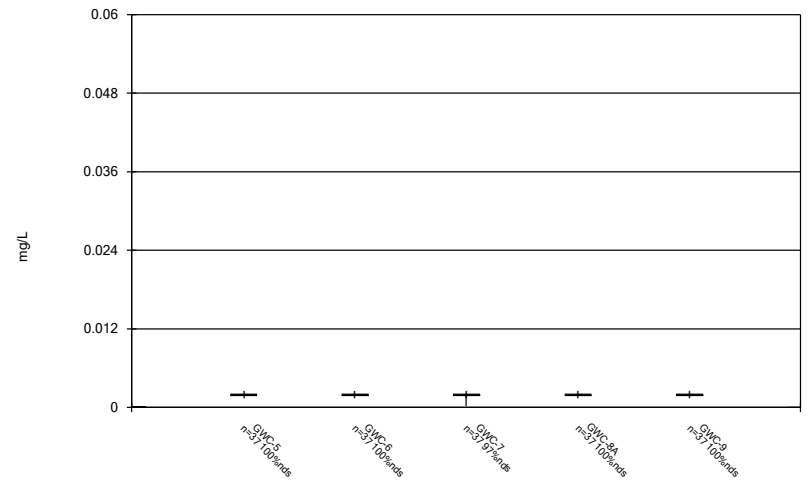
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



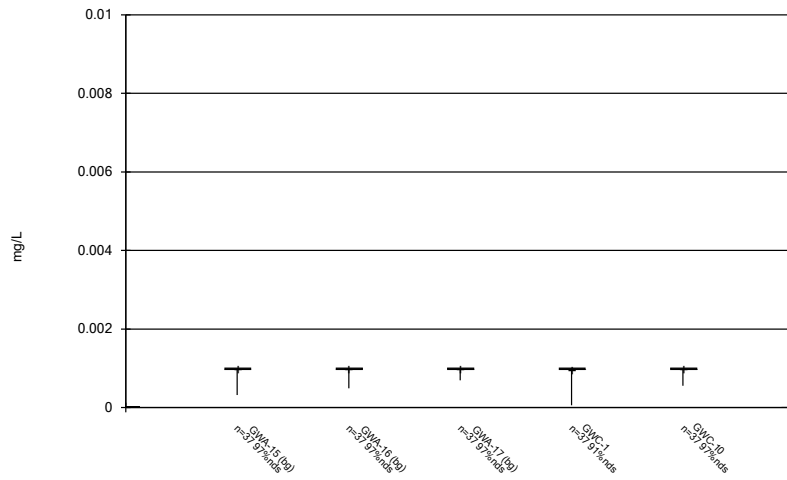
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



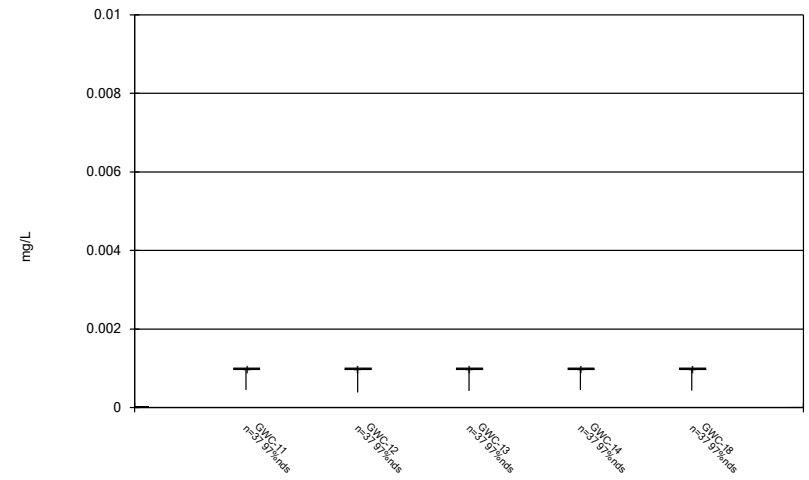
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



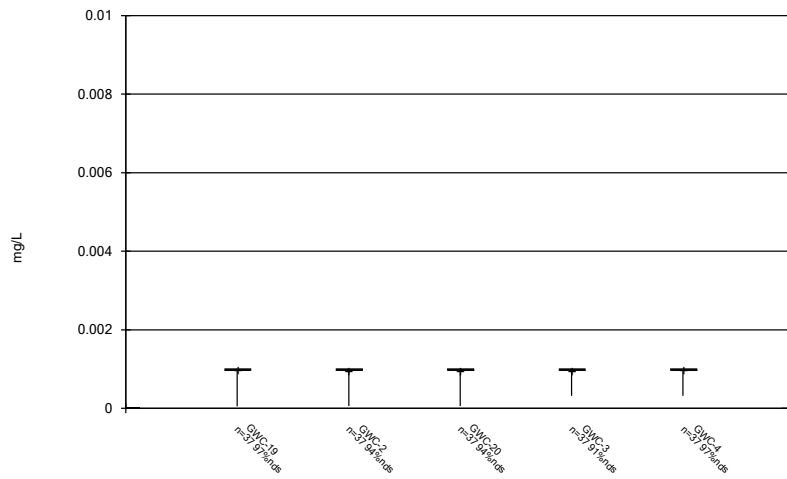
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Box & Whiskers Plot



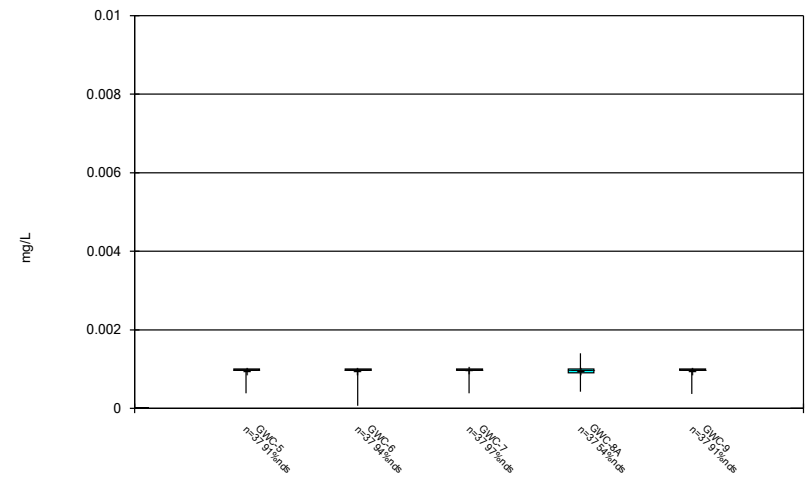
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Box & Whiskers Plot



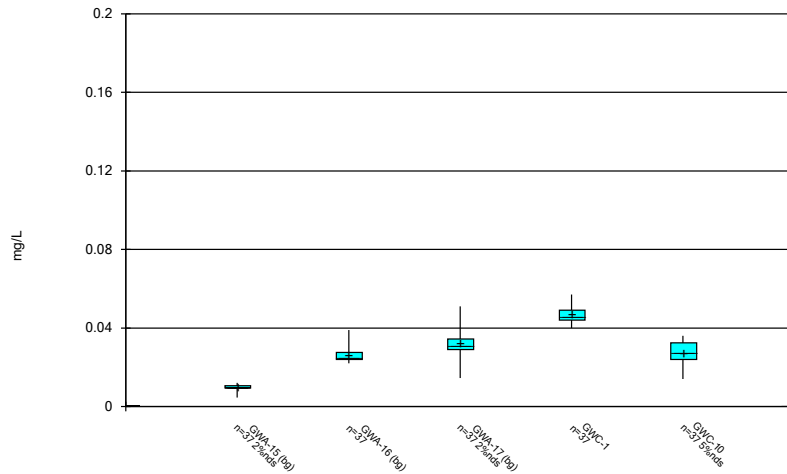
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



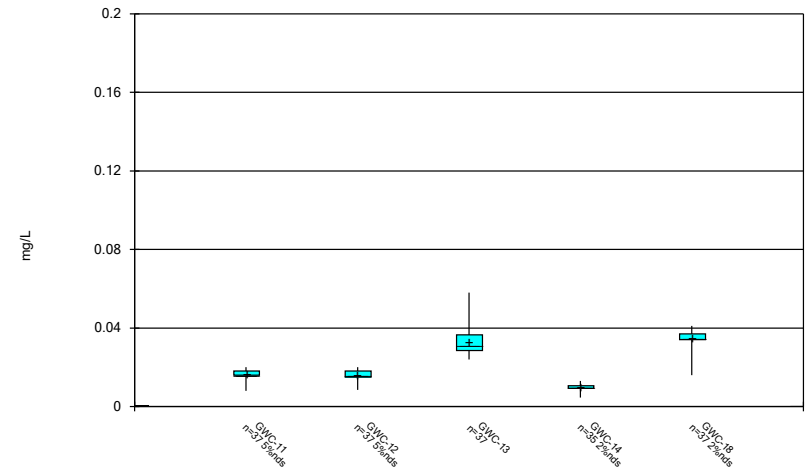
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Box & Whiskers Plot



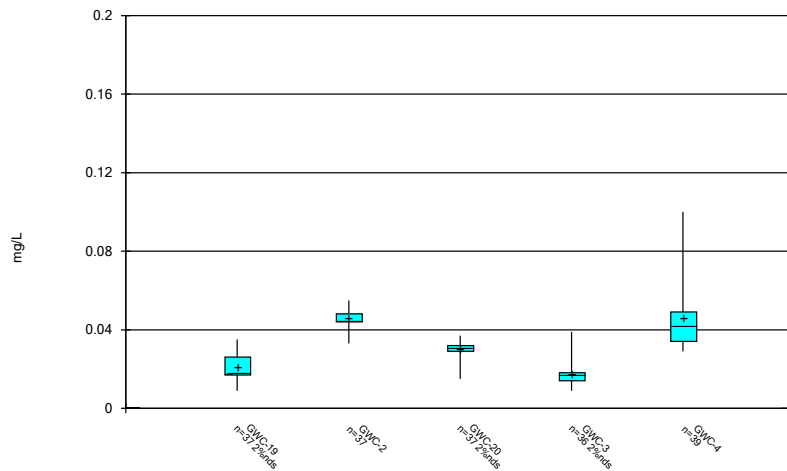
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



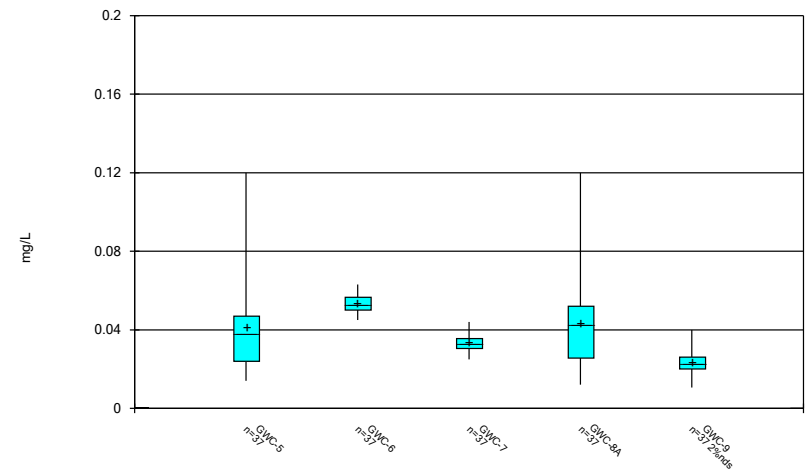
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



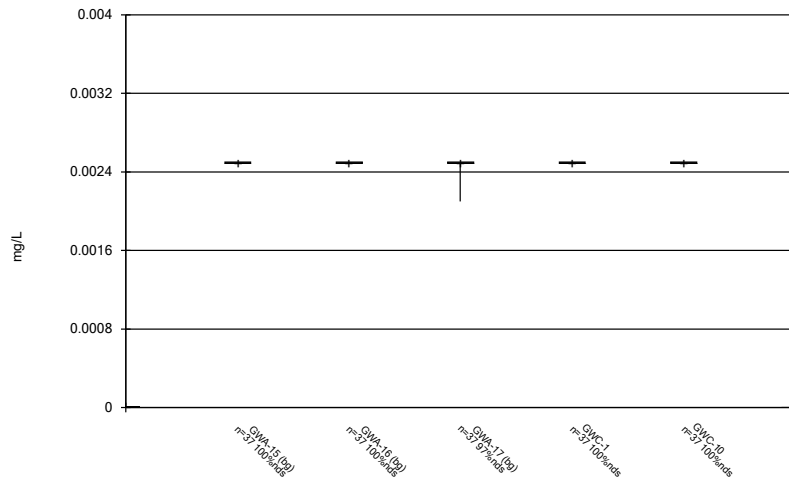
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



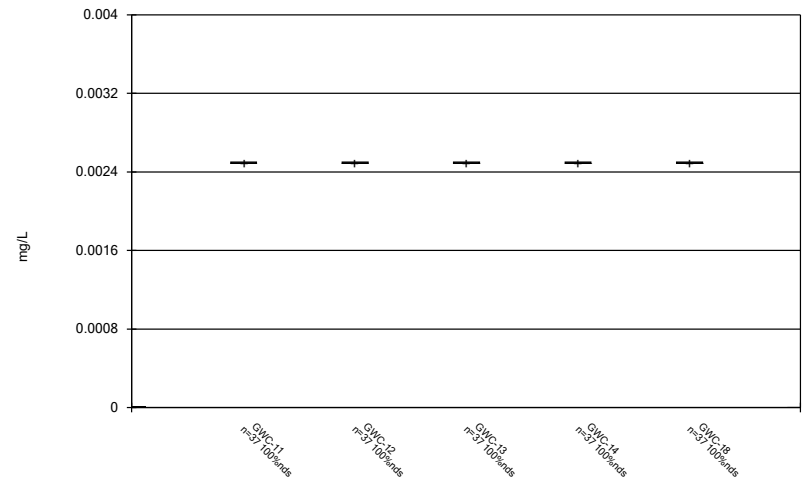
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



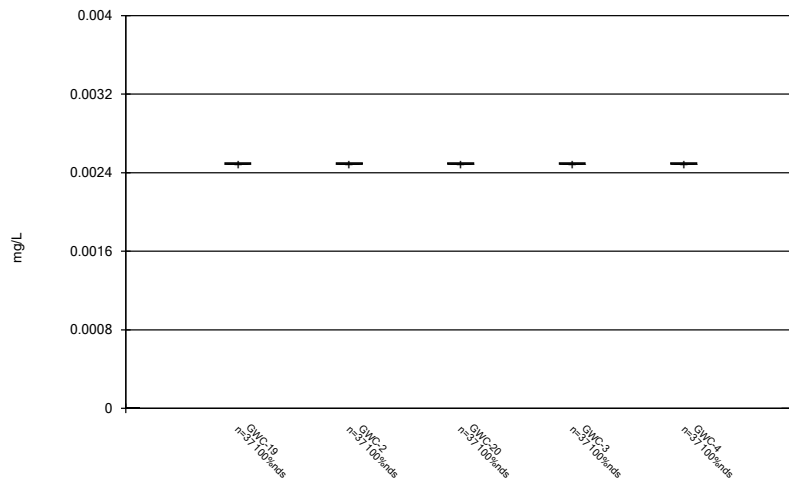
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



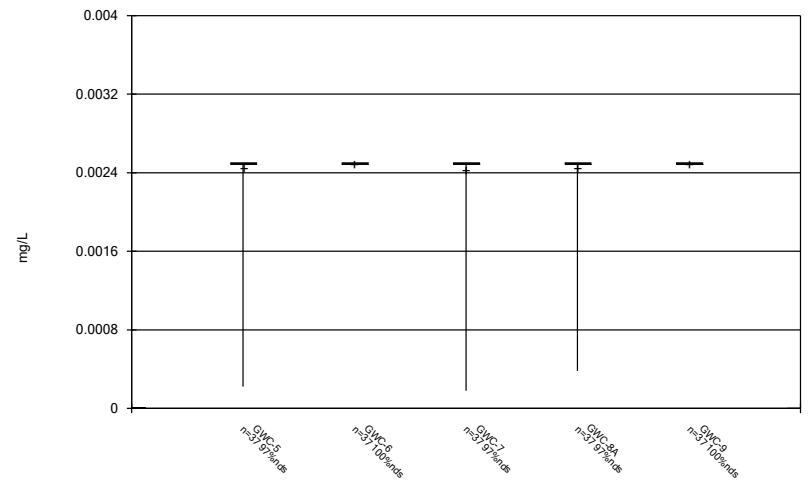
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



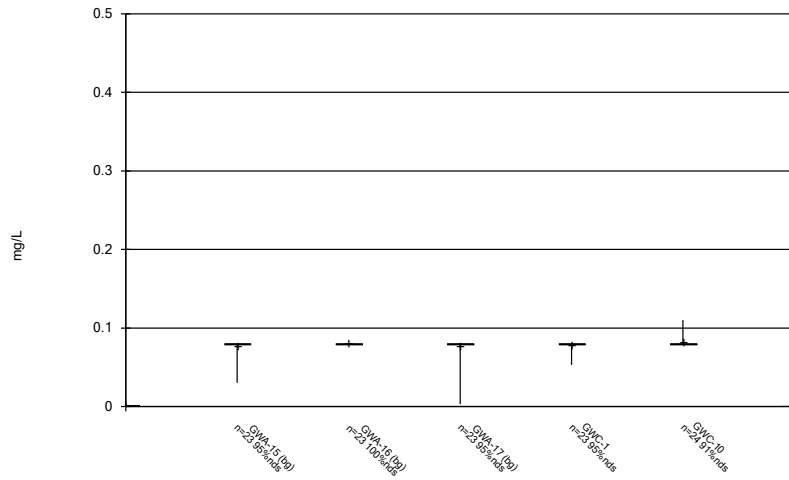
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



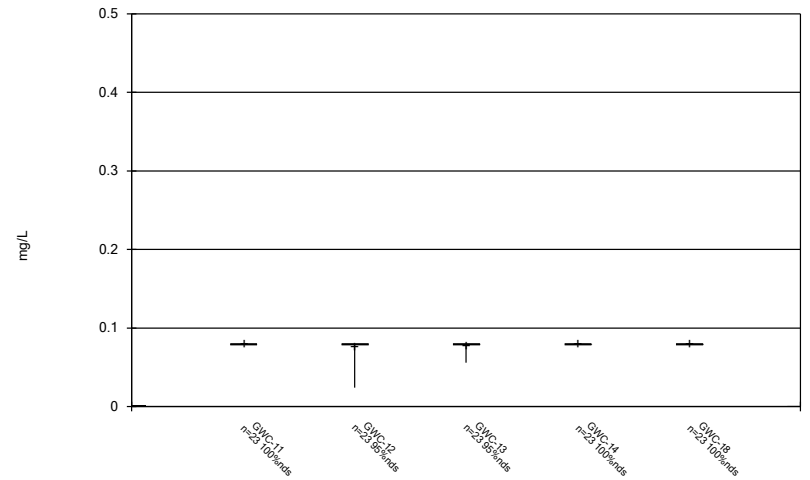
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



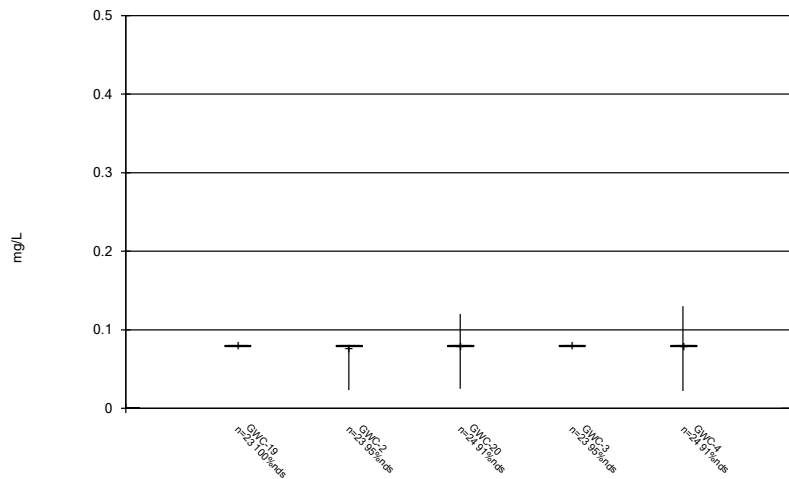
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



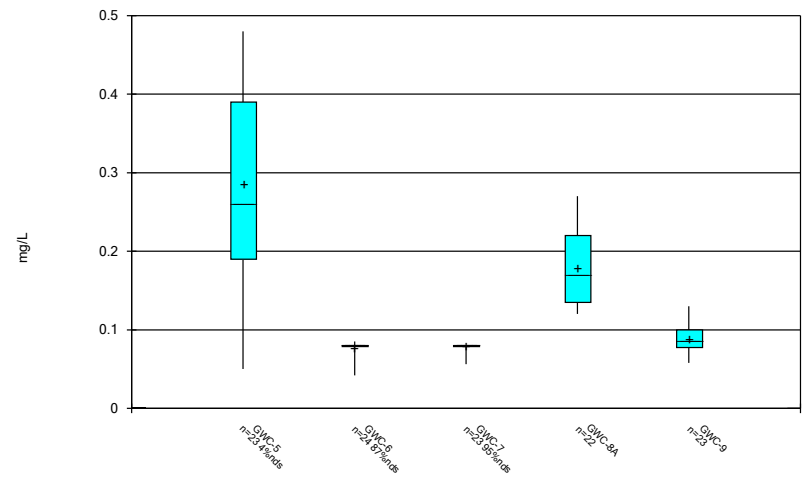
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



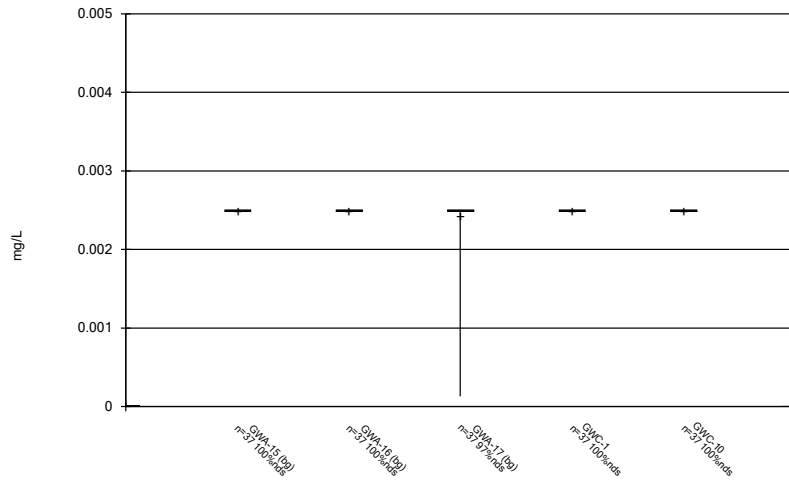
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Box & Whiskers Plot



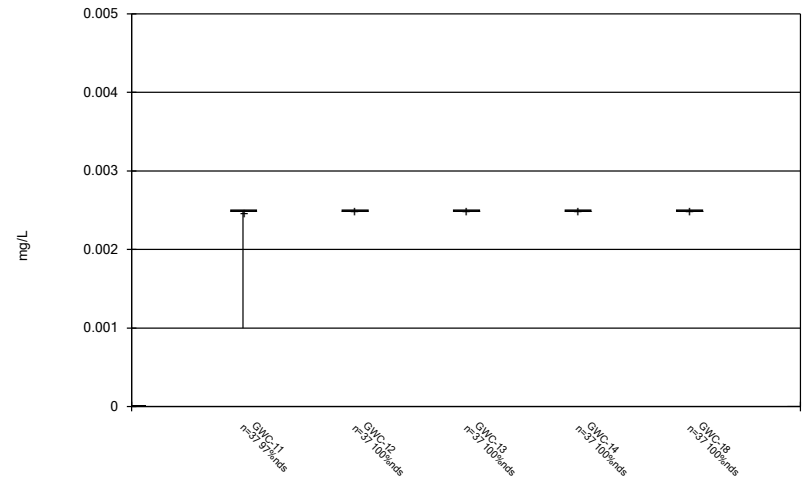
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



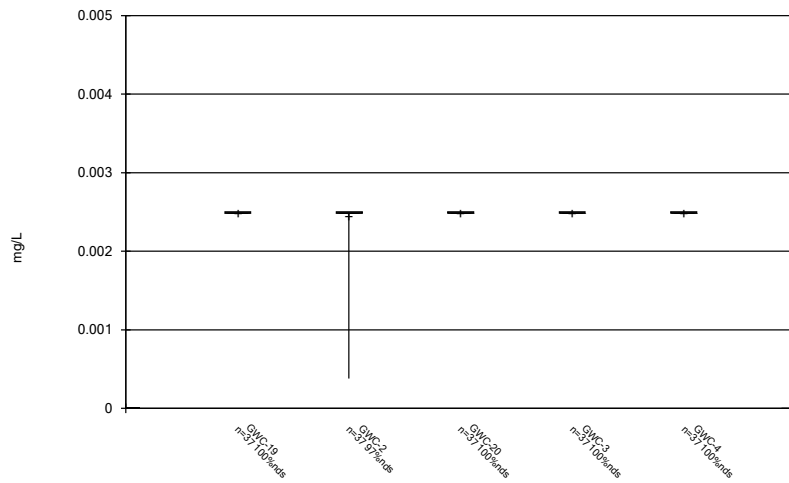
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



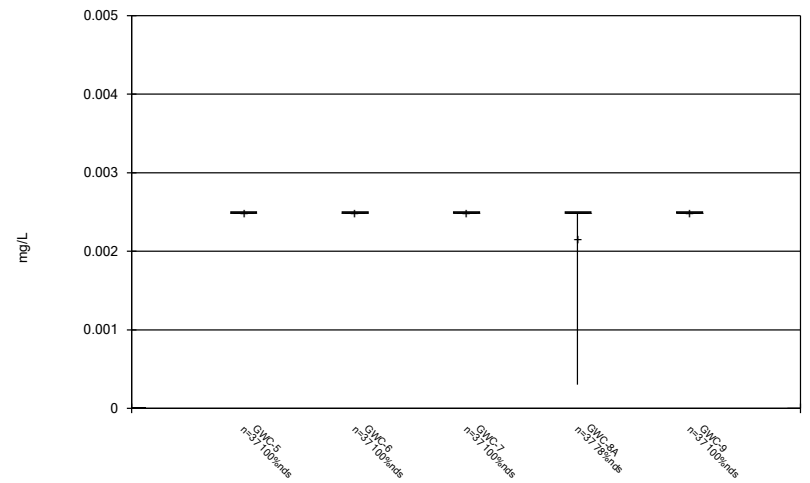
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Box & Whiskers Plot



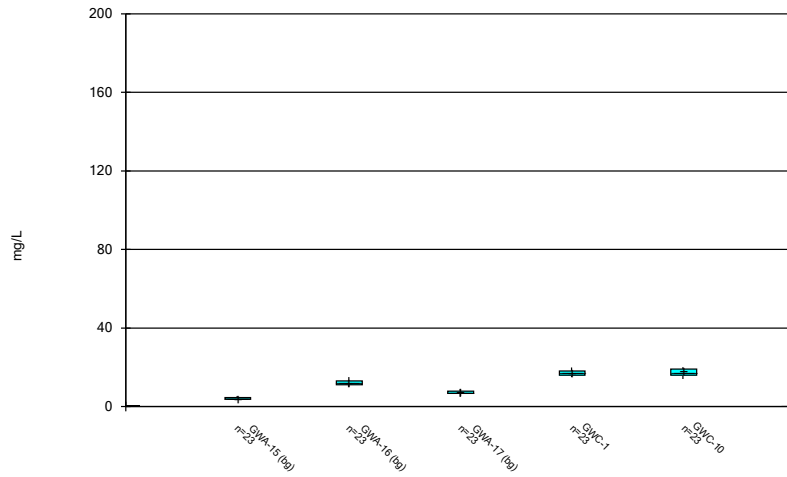
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



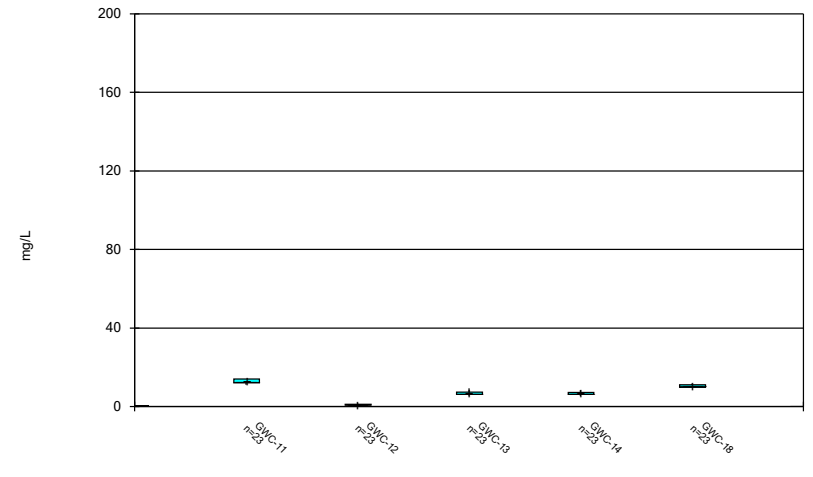
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



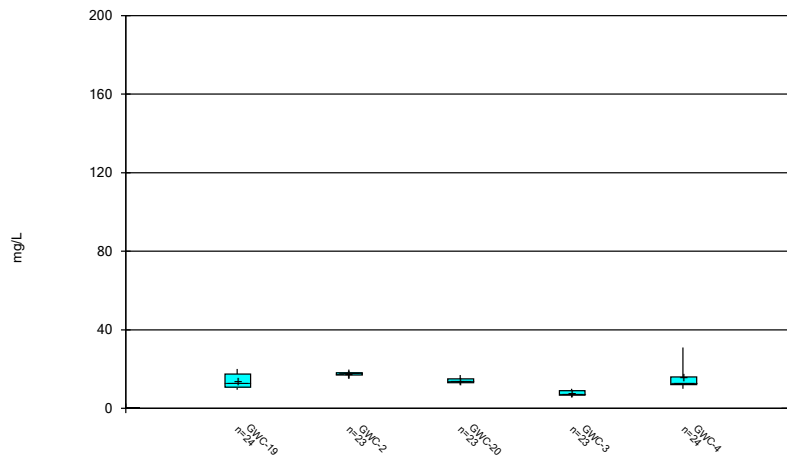
Constituent: Calcium Analysis Run 12/2/2024 10:21 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



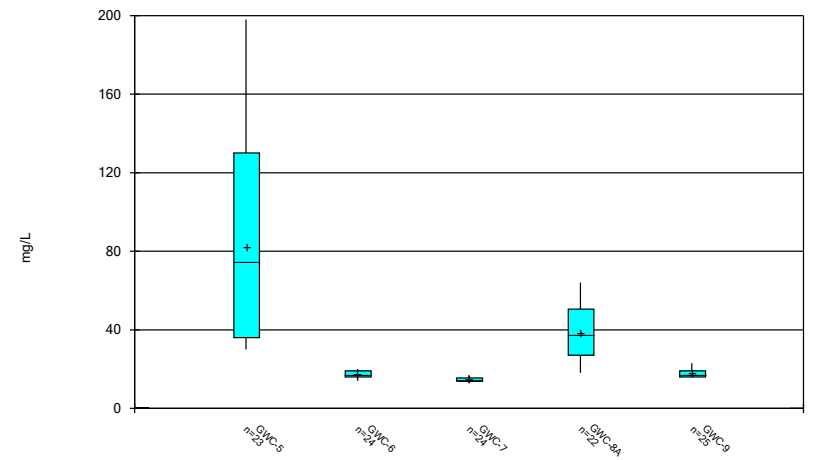
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



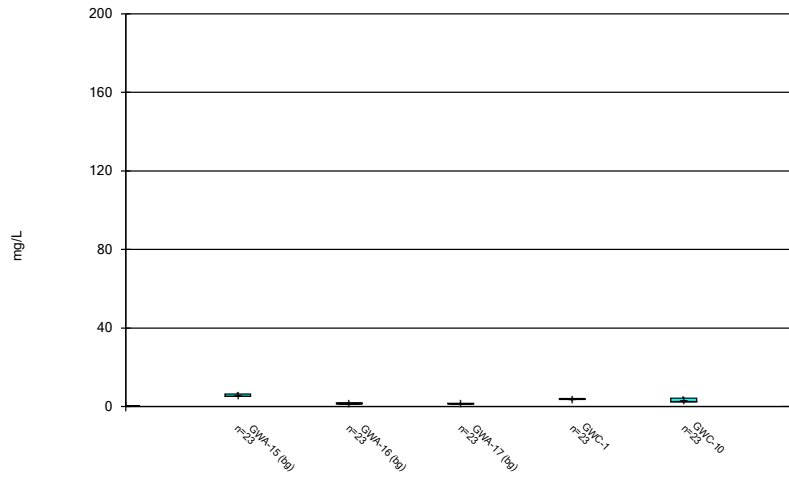
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



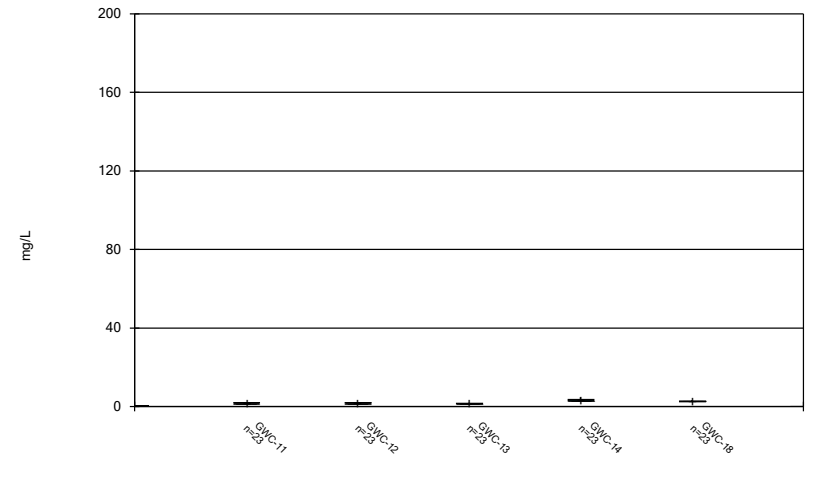
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Box & Whiskers Plot



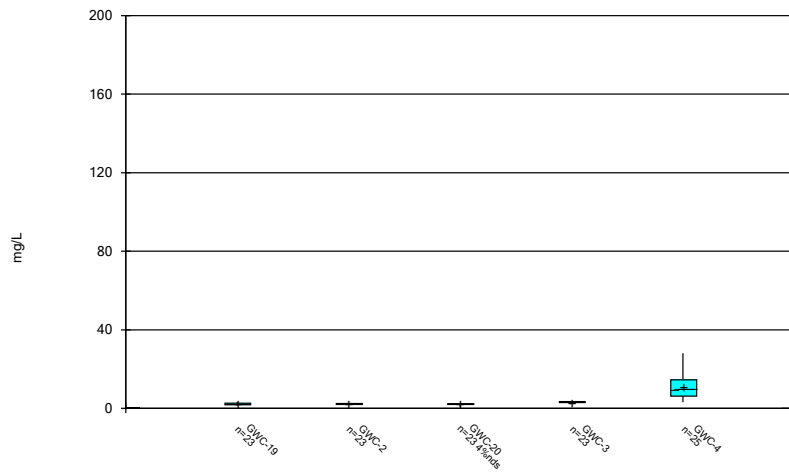
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



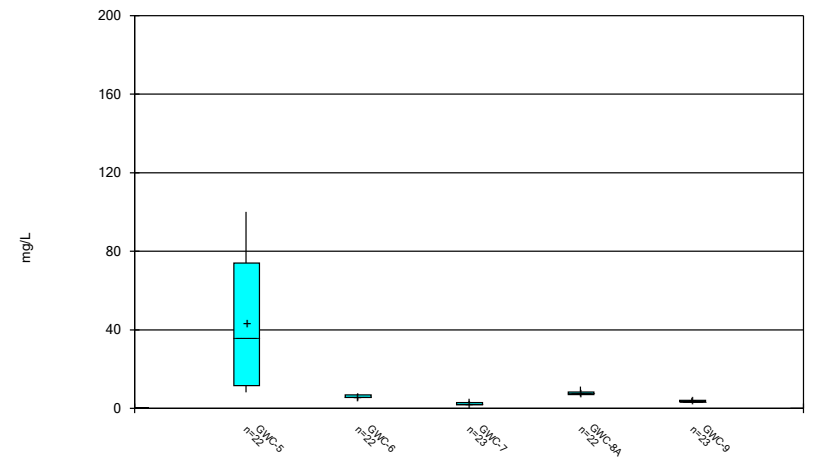
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



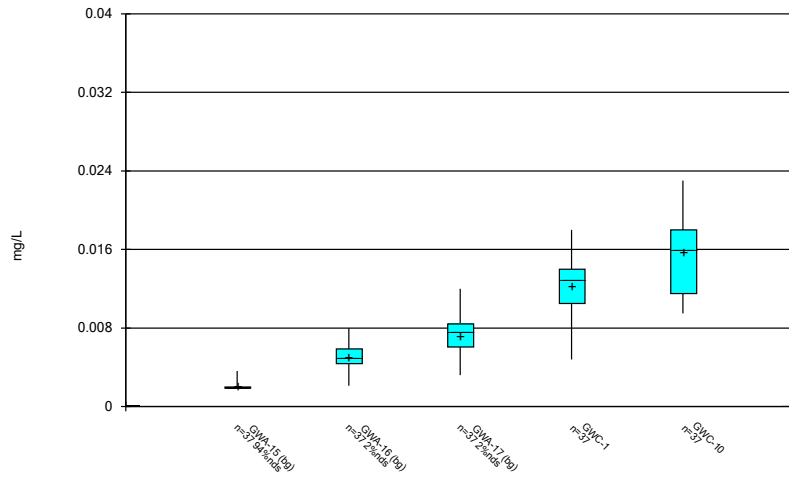
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



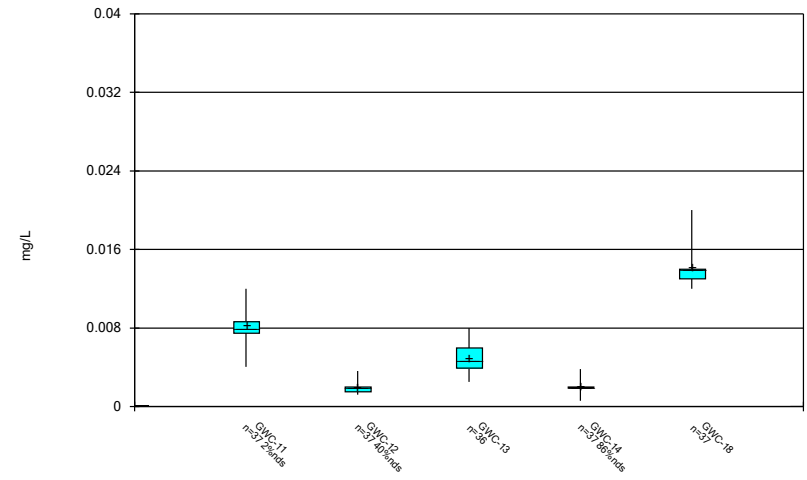
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



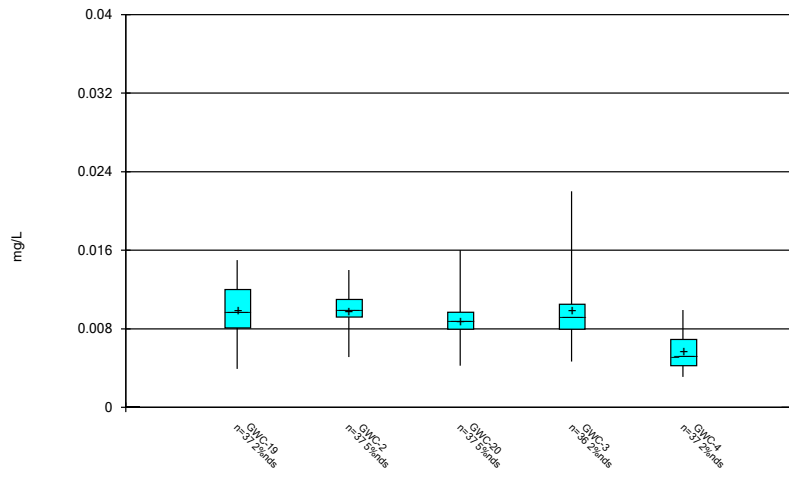
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



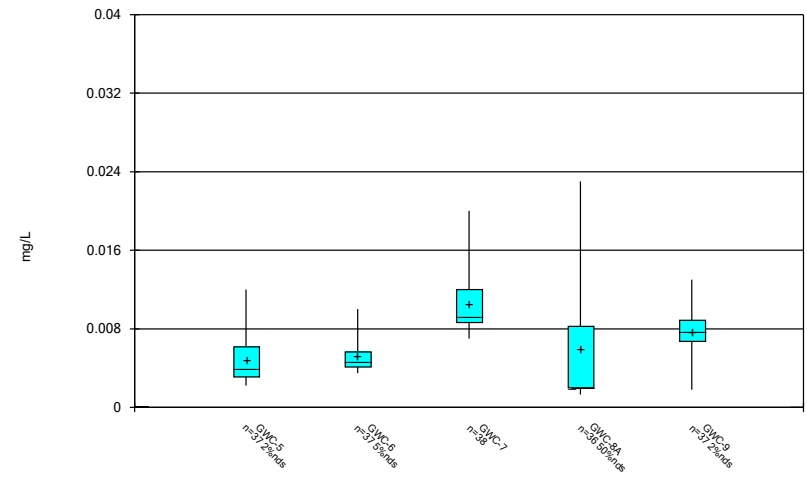
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Box & Whiskers Plot



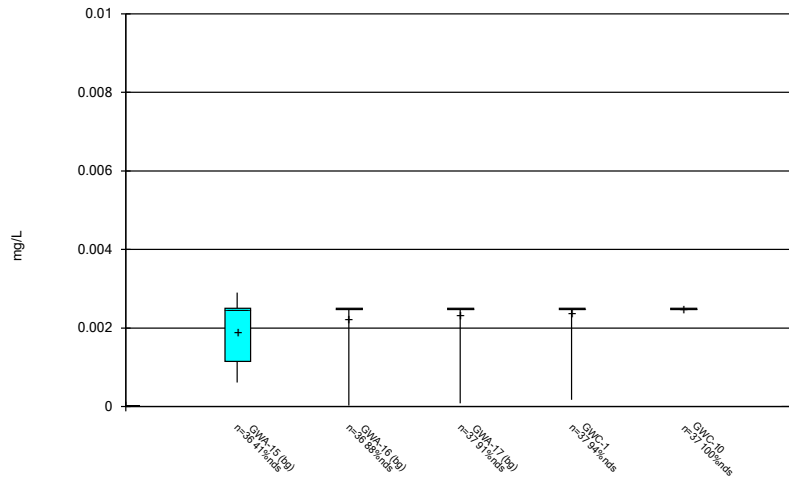
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



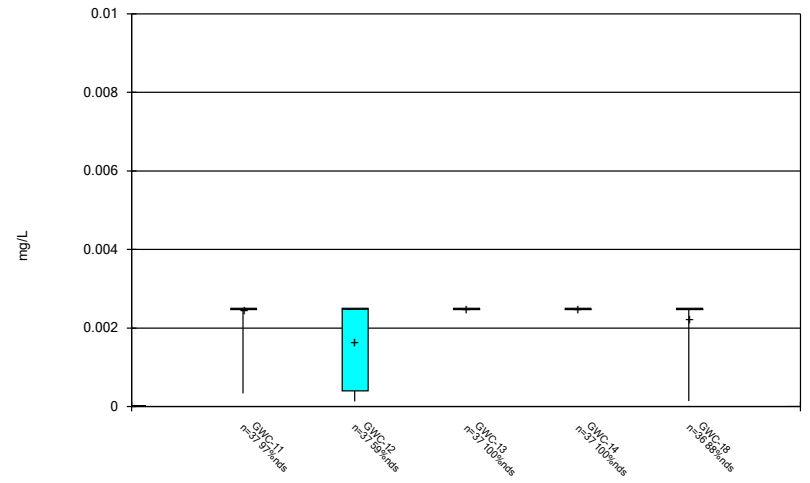
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Box & Whiskers Plot



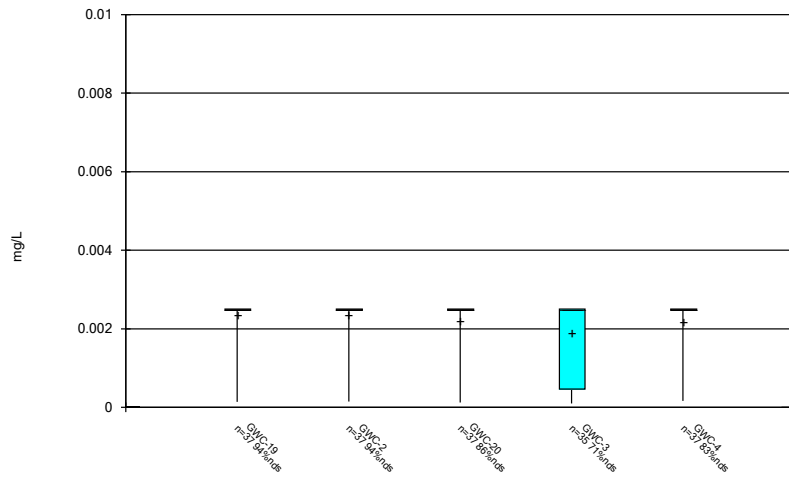
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Box & Whiskers Plot



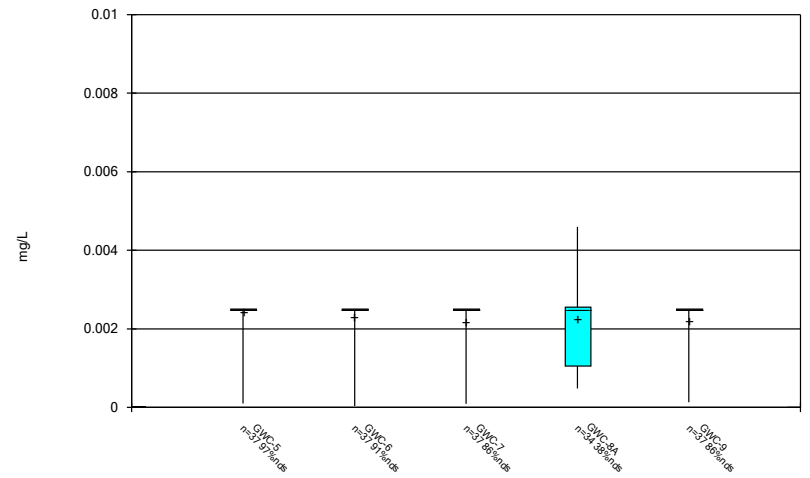
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



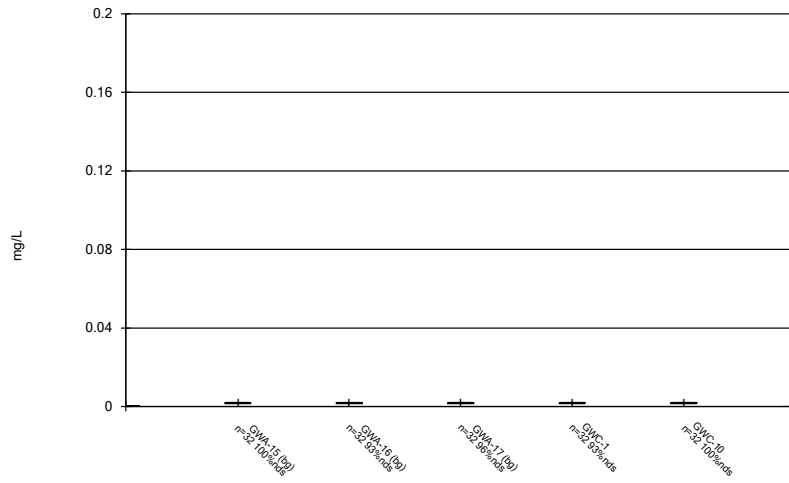
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



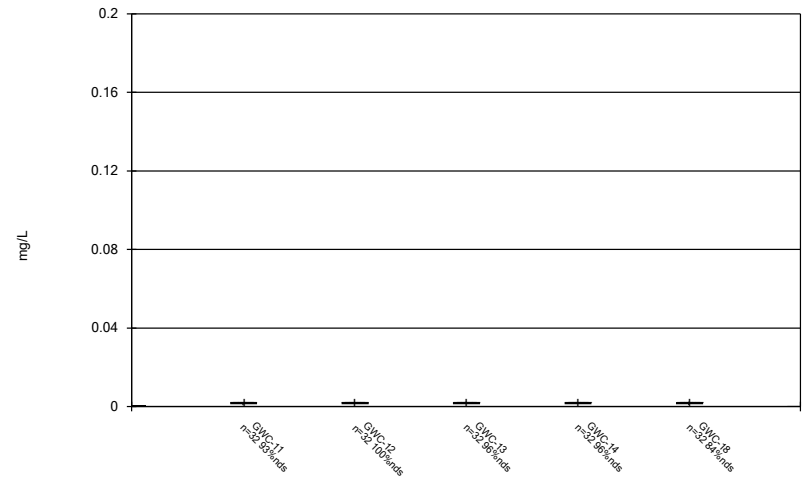
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Box & Whiskers Plot



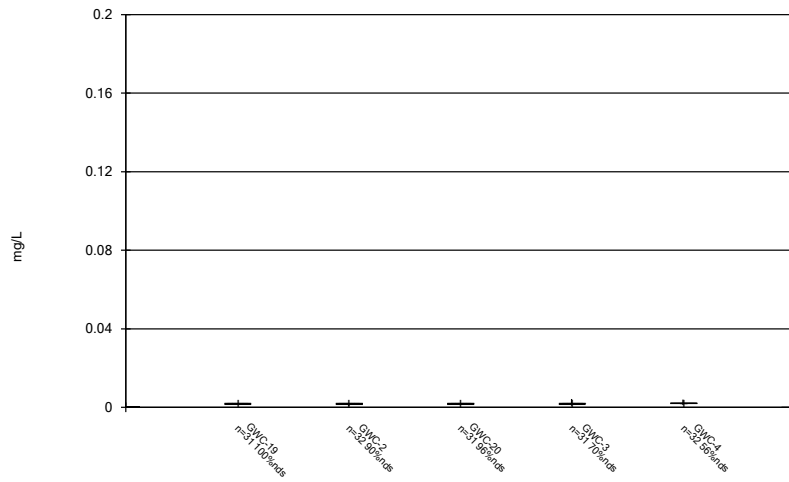
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



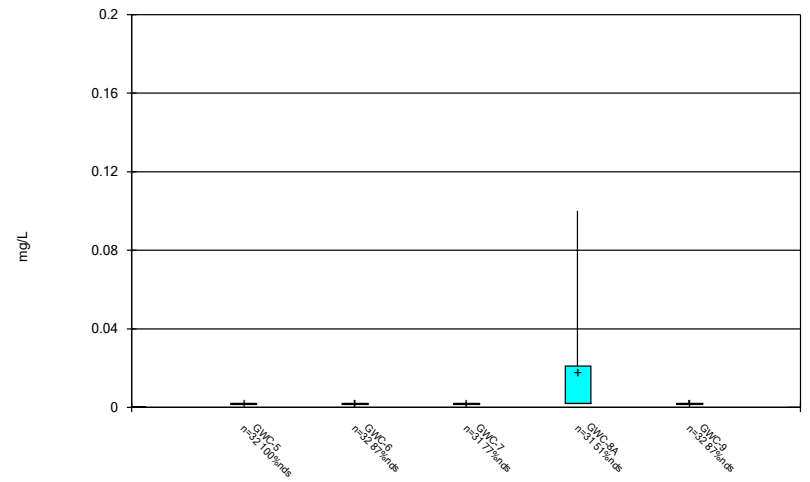
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



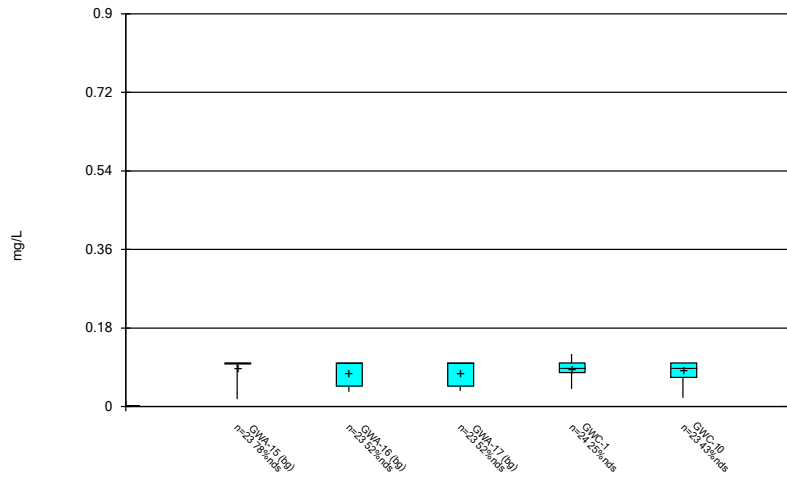
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



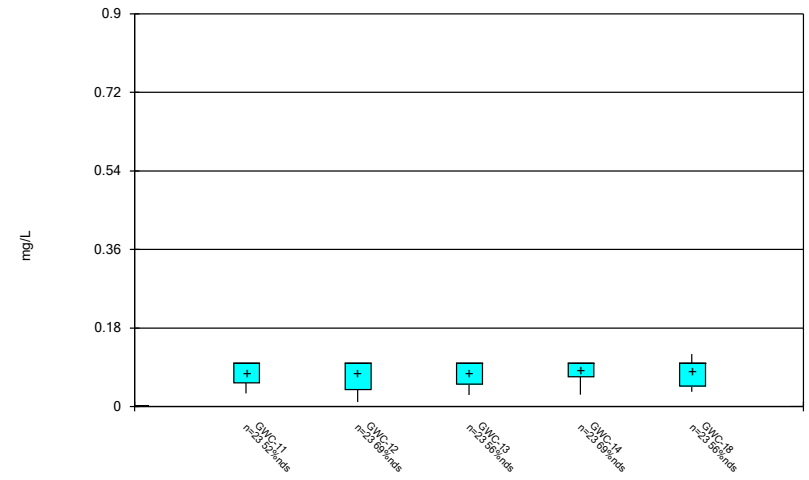
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



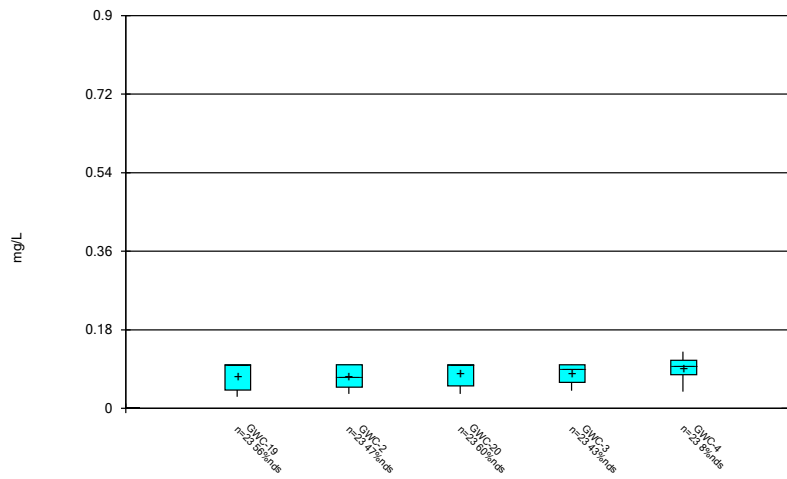
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Box & Whiskers Plot



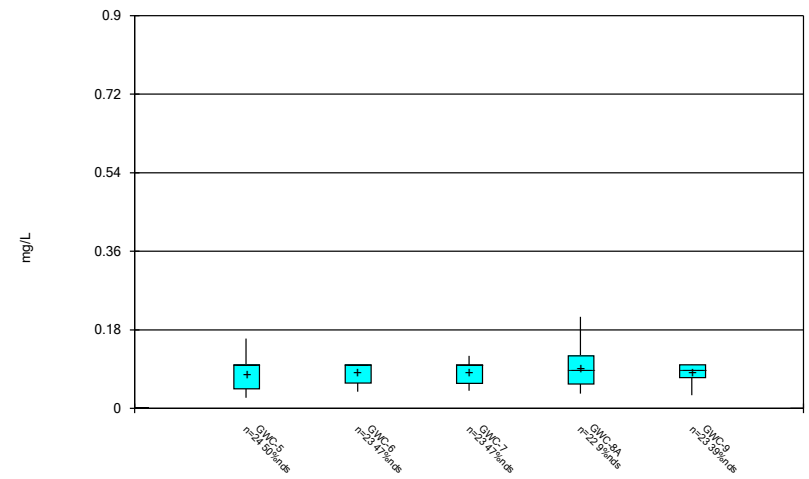
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



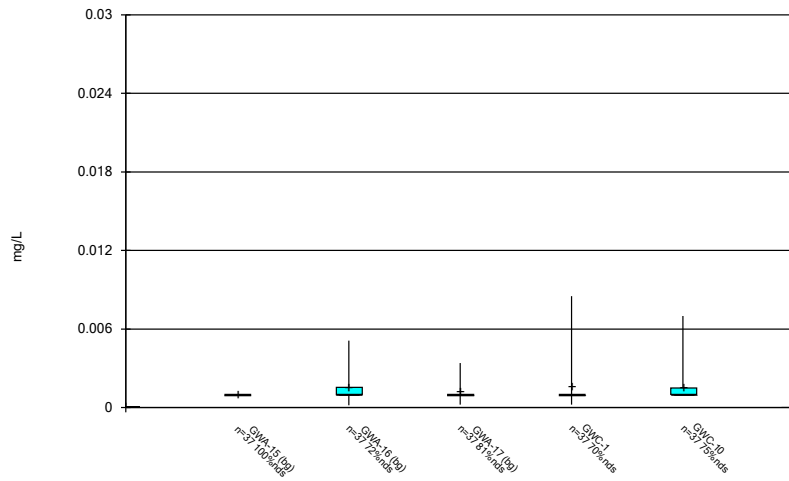
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



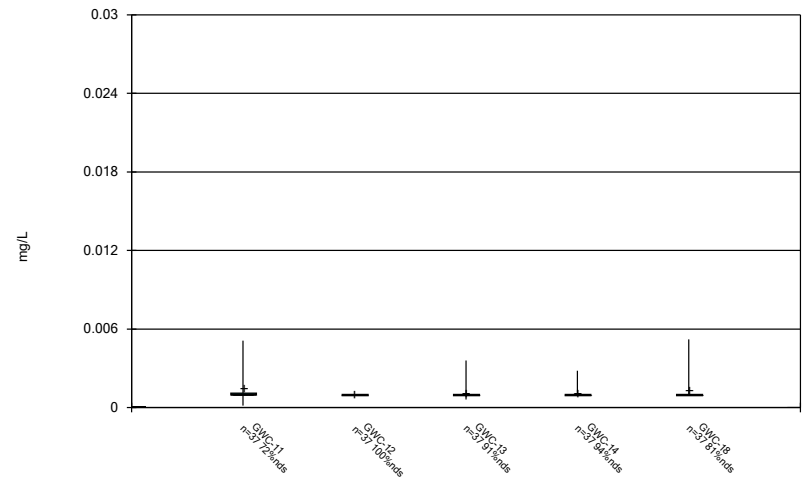
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



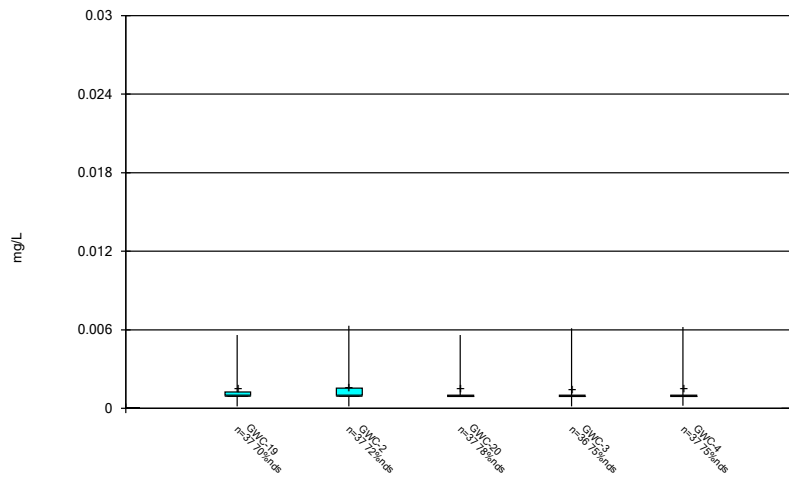
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



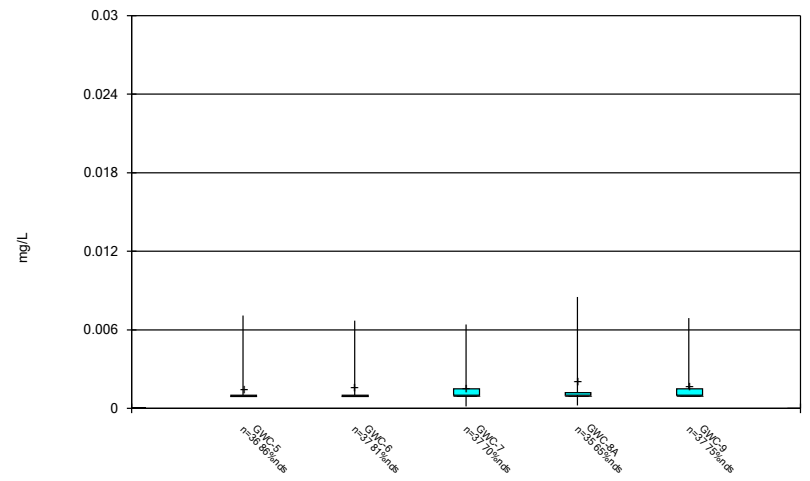
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



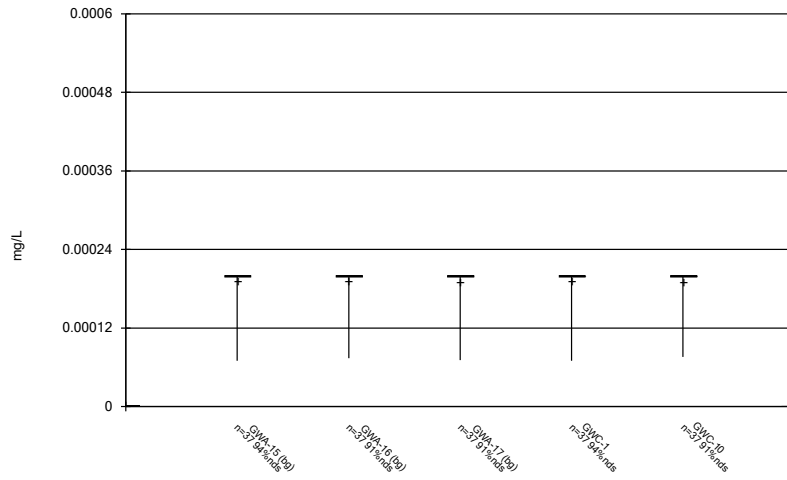
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



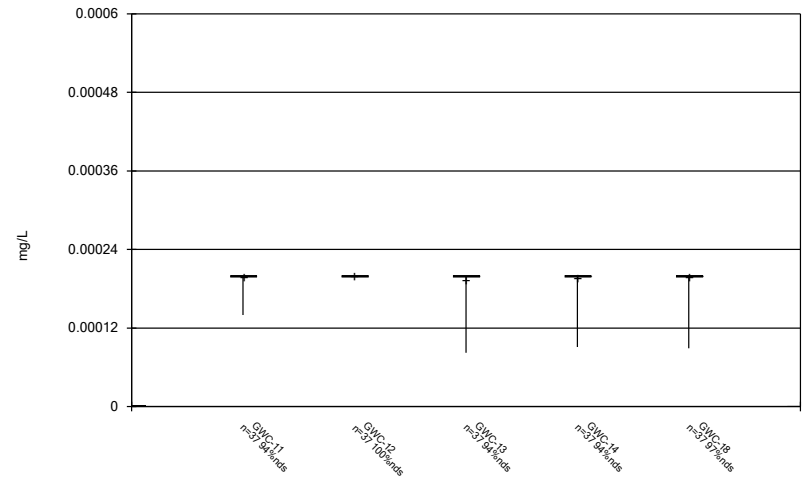
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



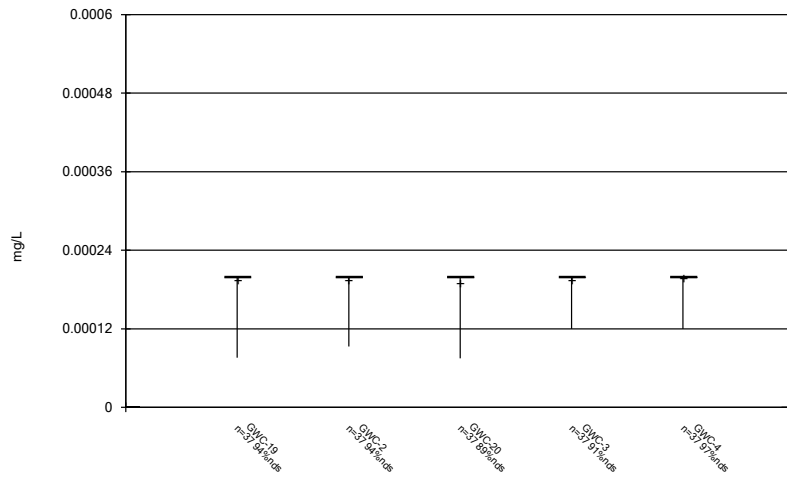
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



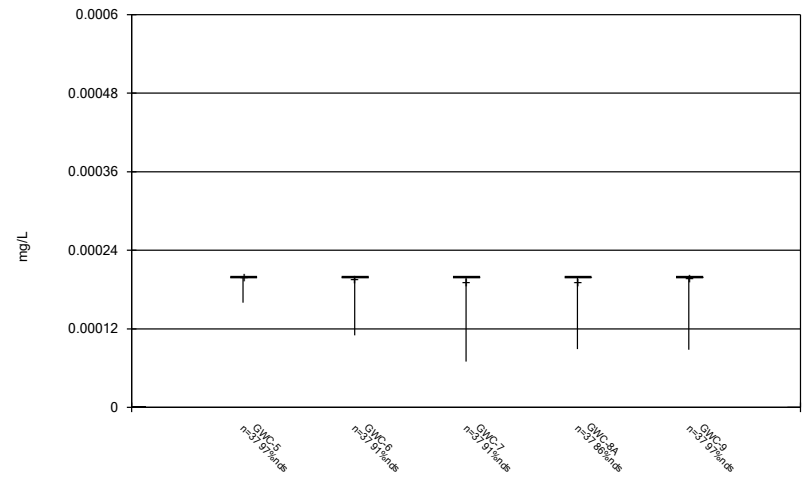
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



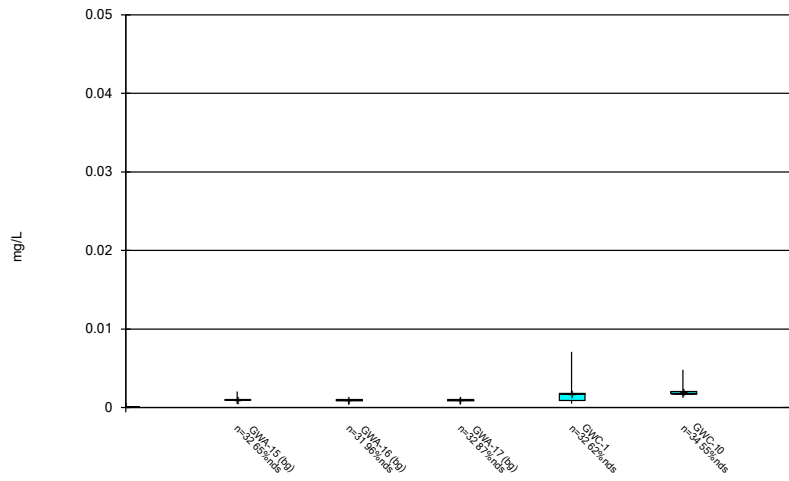
Constituent: Mercury Analysis Run 12/2/2024 10:22 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



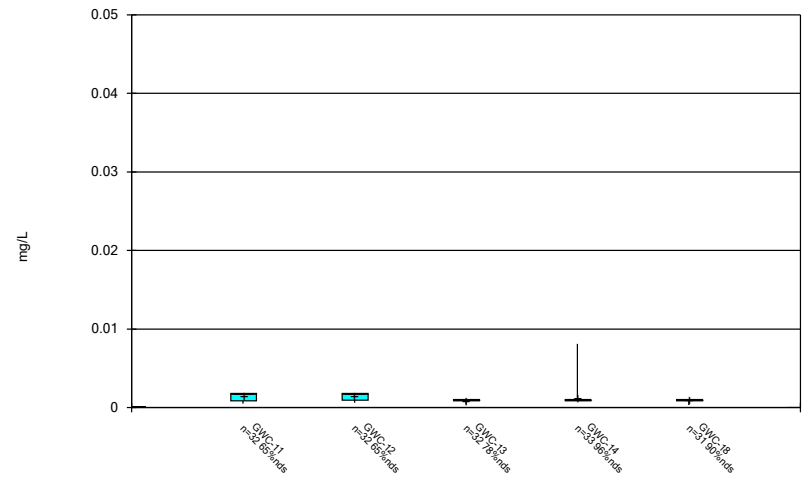
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



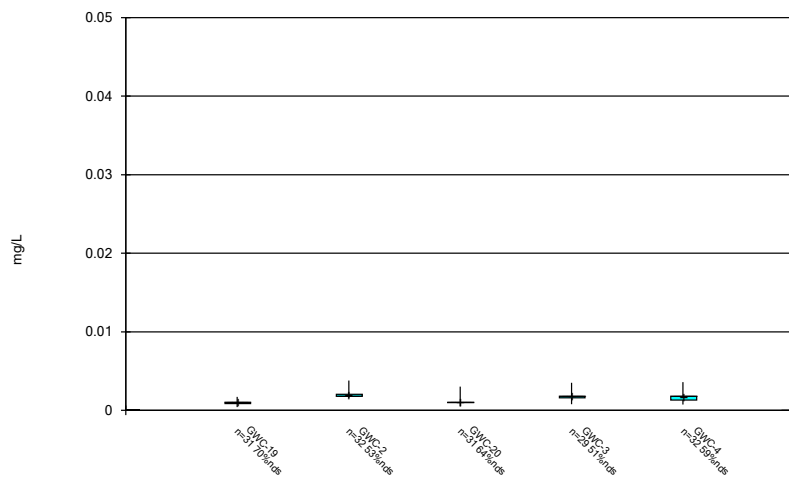
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Box & Whiskers Plot



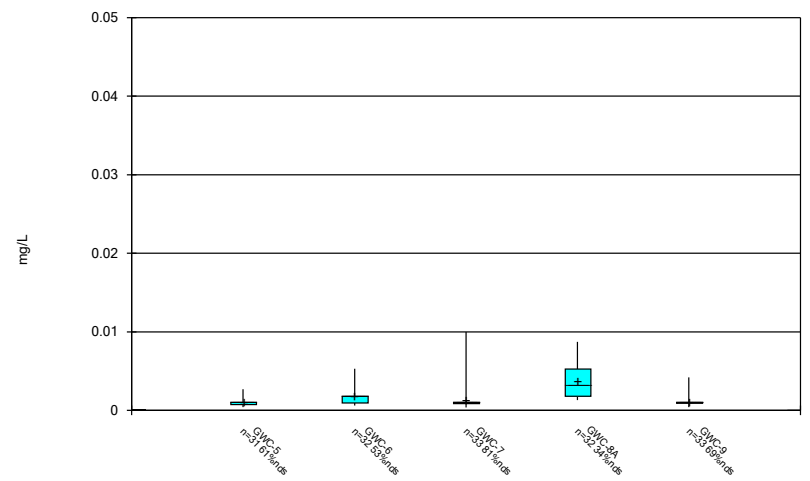
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Box & Whiskers Plot



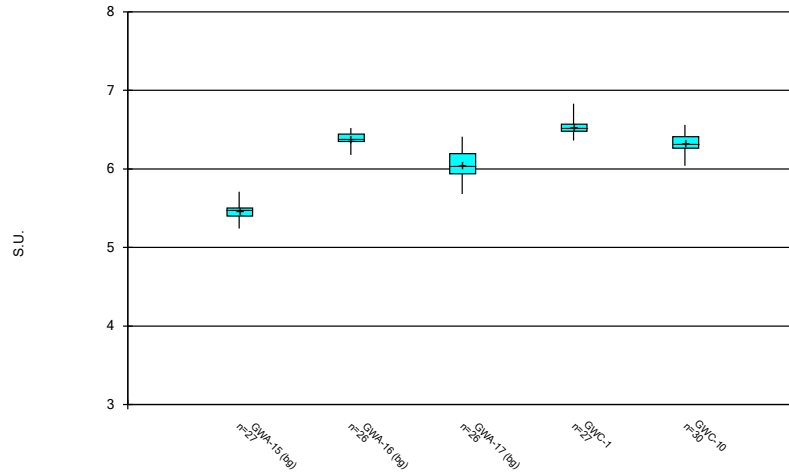
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Box & Whiskers Plot



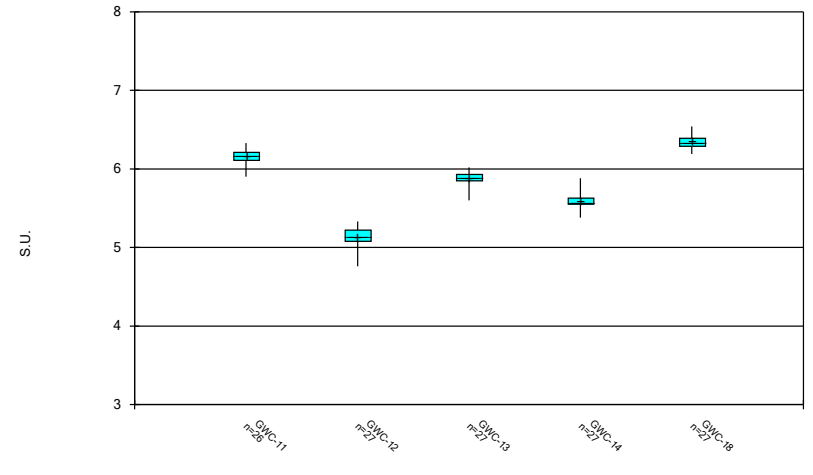
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Box & Whiskers Plot



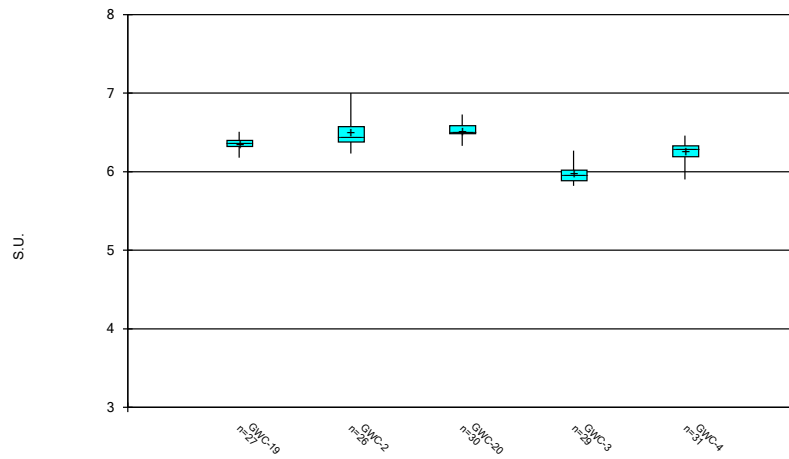
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Box & Whiskers Plot



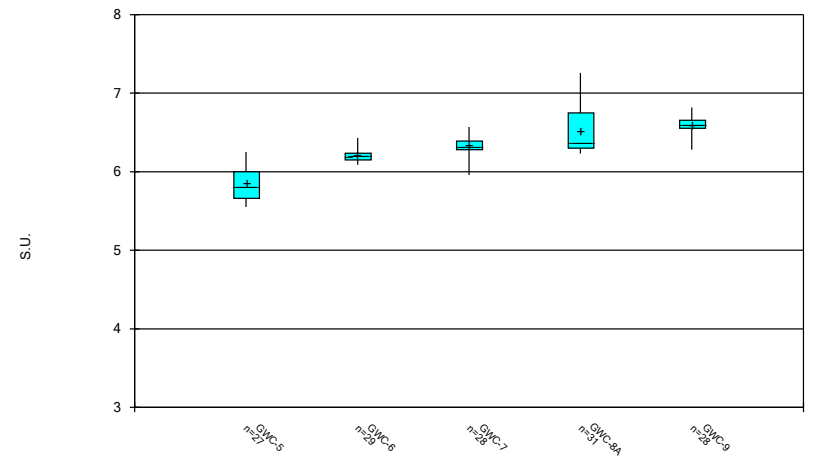
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Box & Whiskers Plot



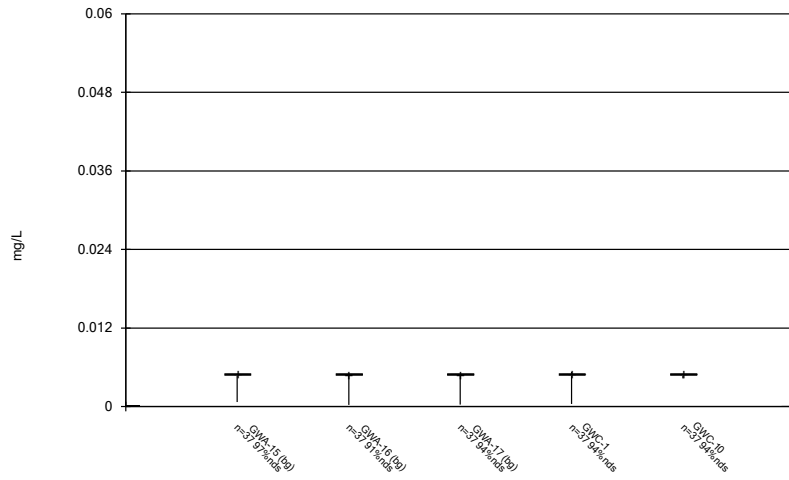
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Box & Whiskers Plot



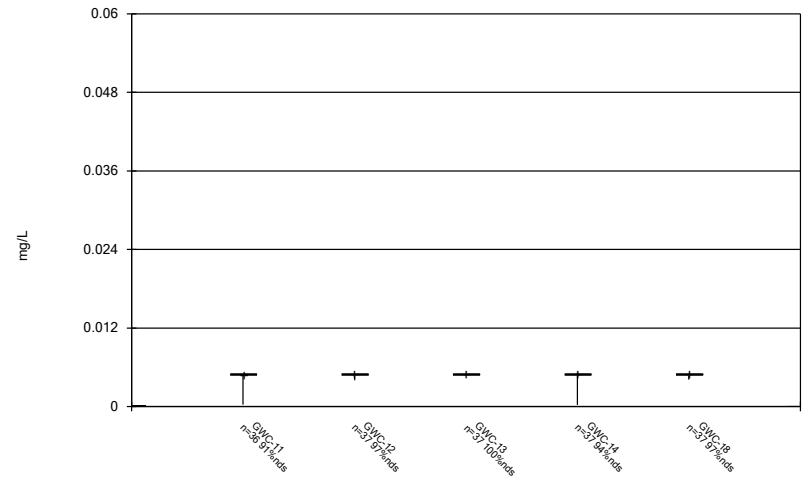
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Box & Whiskers Plot



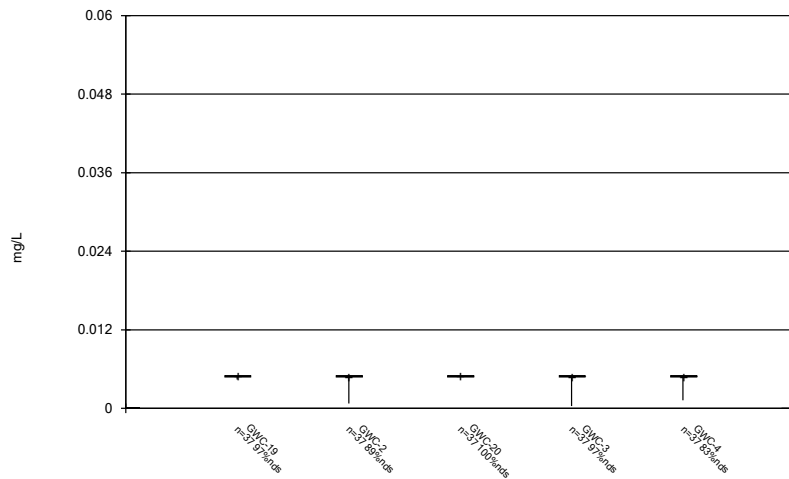
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Box & Whiskers Plot



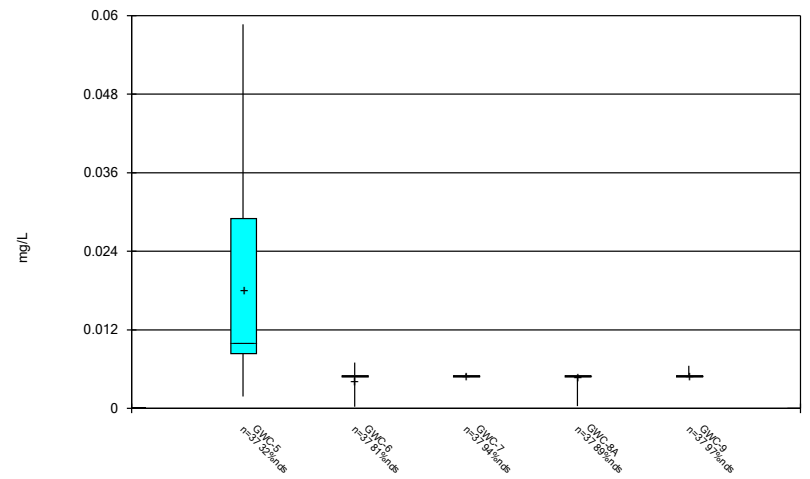
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Box & Whiskers Plot



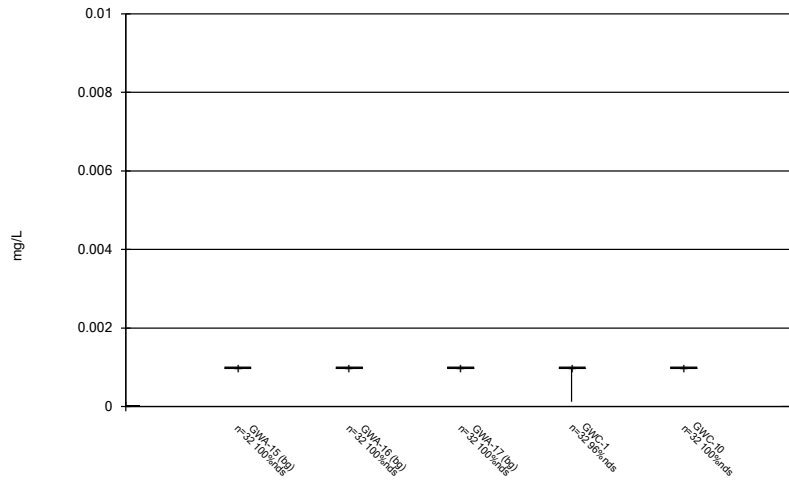
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Box & Whiskers Plot



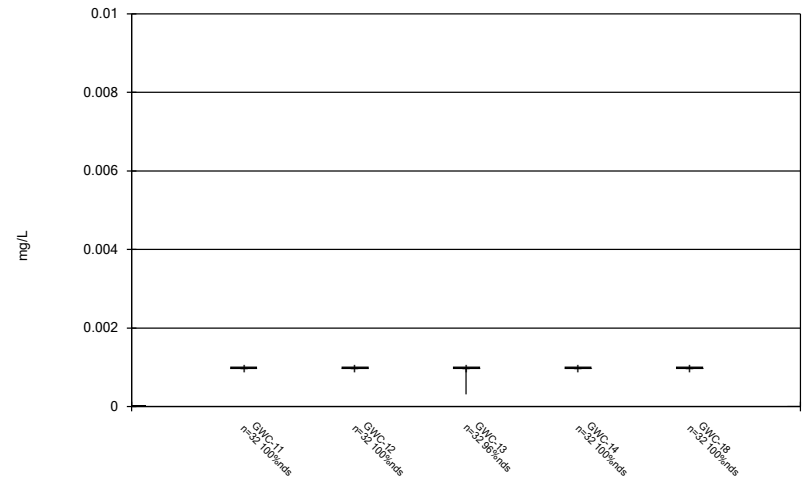
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Box & Whiskers Plot



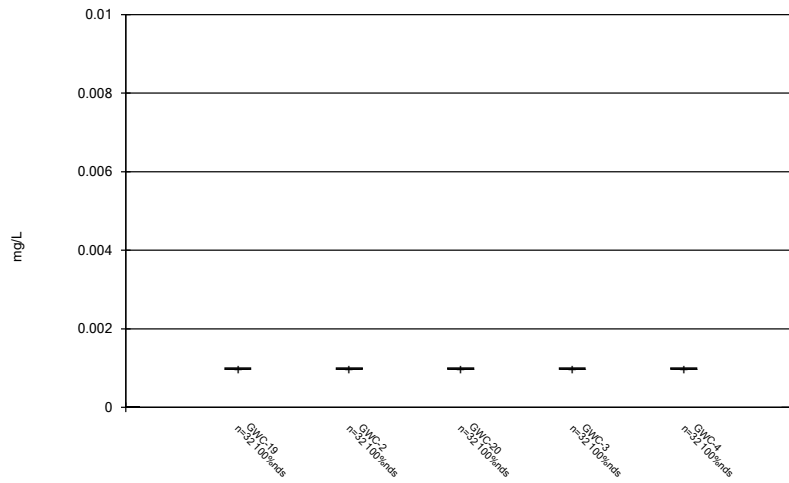
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Box & Whiskers Plot



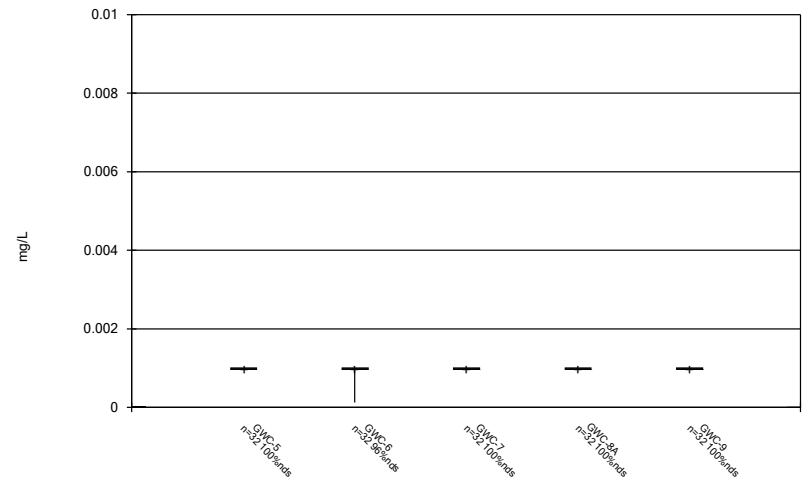
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Box & Whiskers Plot



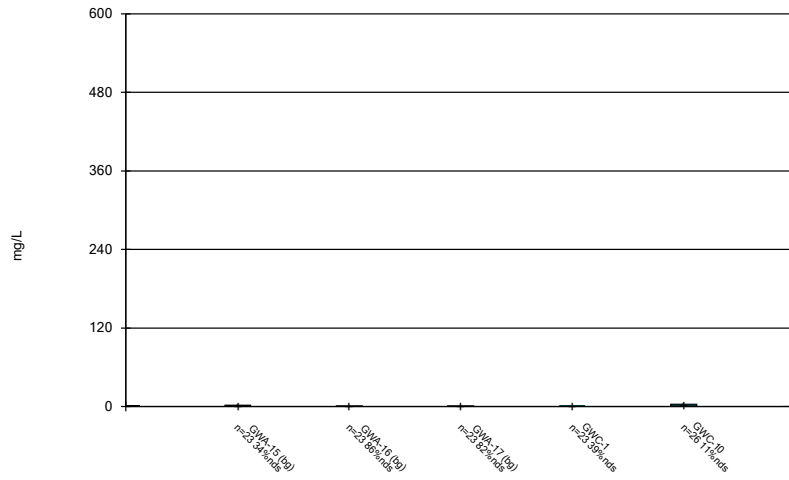
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Box & Whiskers Plot



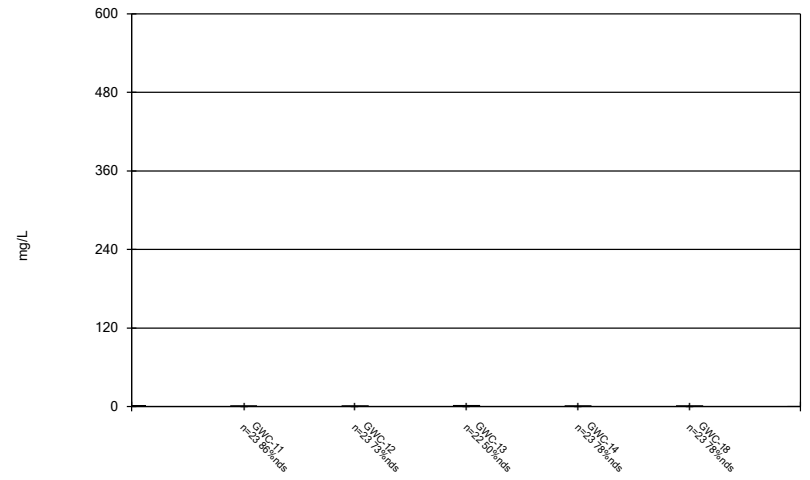
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Box & Whiskers Plot



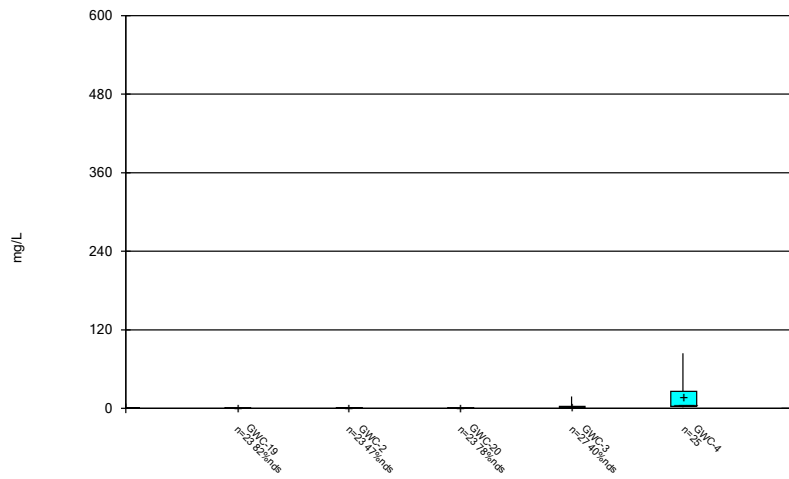
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



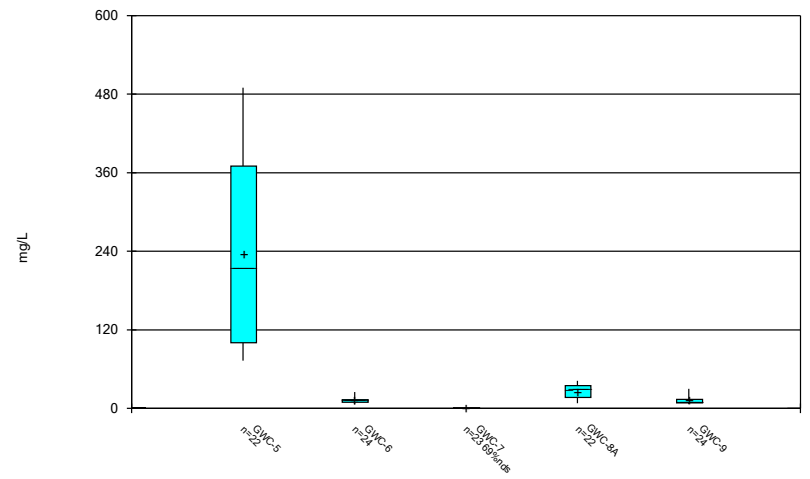
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Box & Whiskers Plot



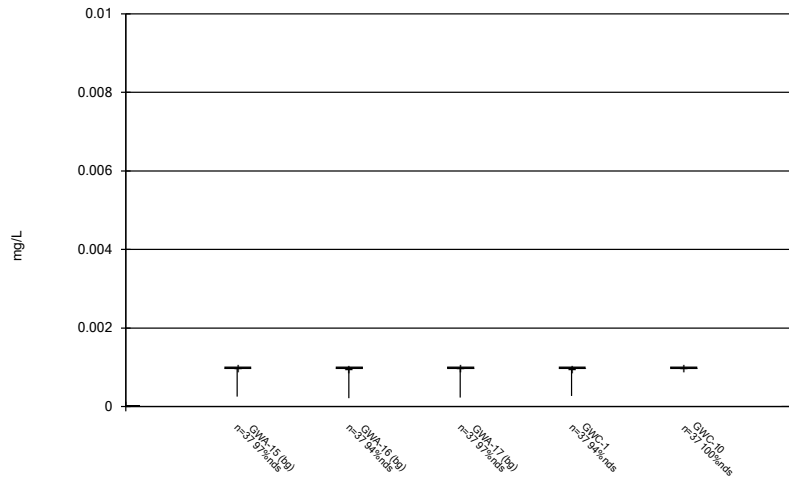
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Box & Whiskers Plot



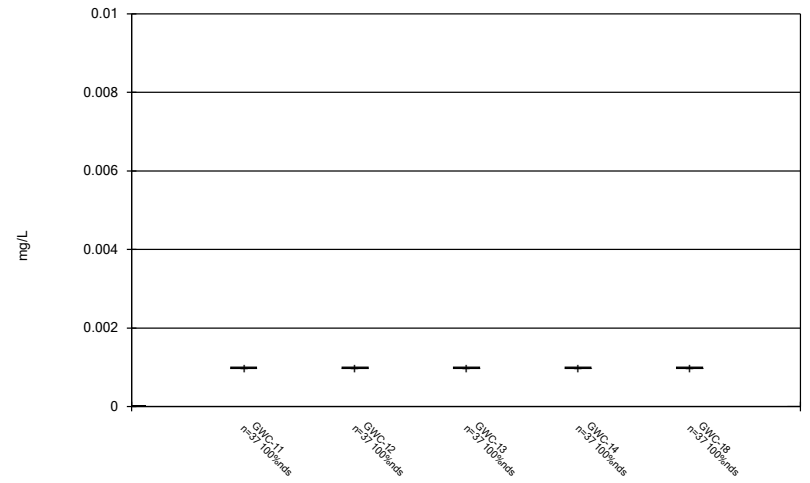
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Box & Whiskers Plot



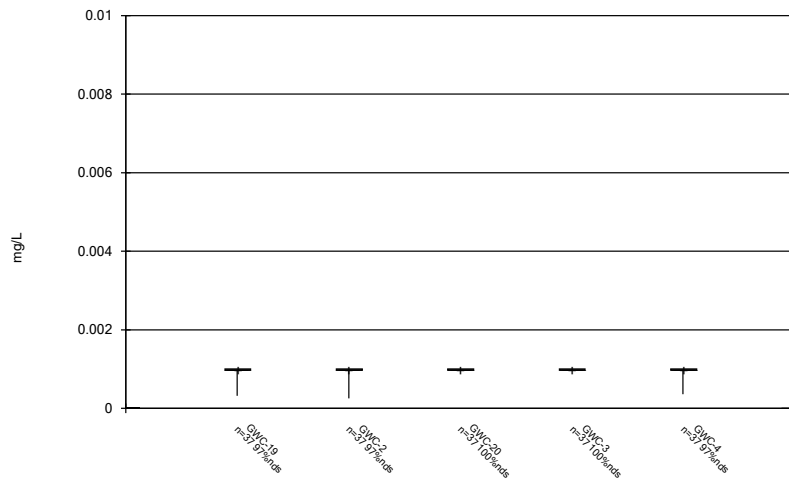
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Box & Whiskers Plot



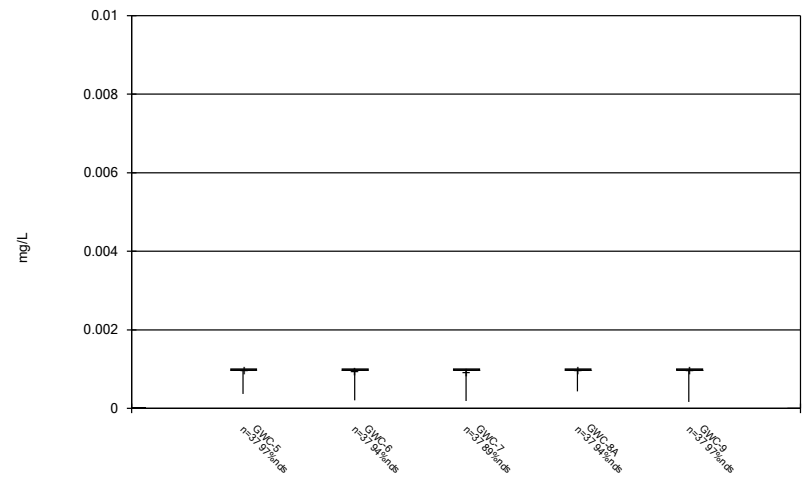
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Box & Whiskers Plot



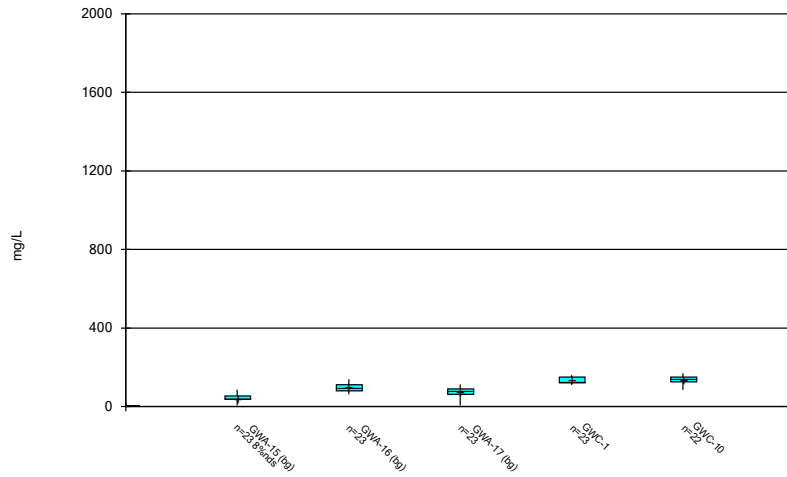
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Box & Whiskers Plot



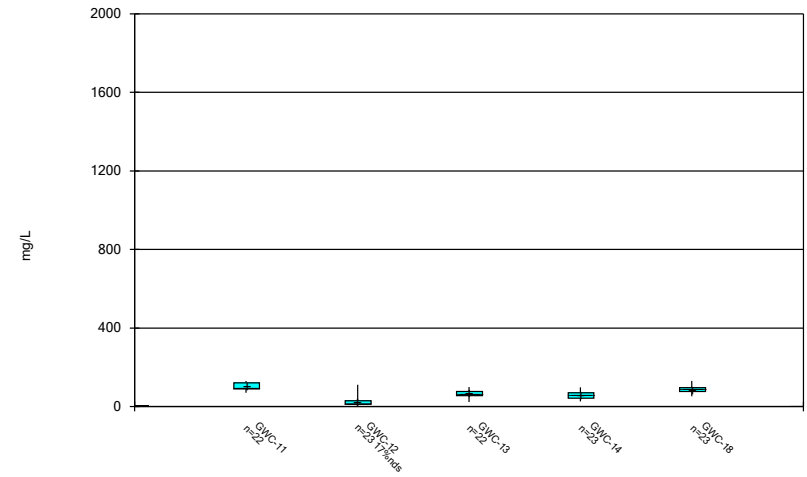
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Box & Whiskers Plot



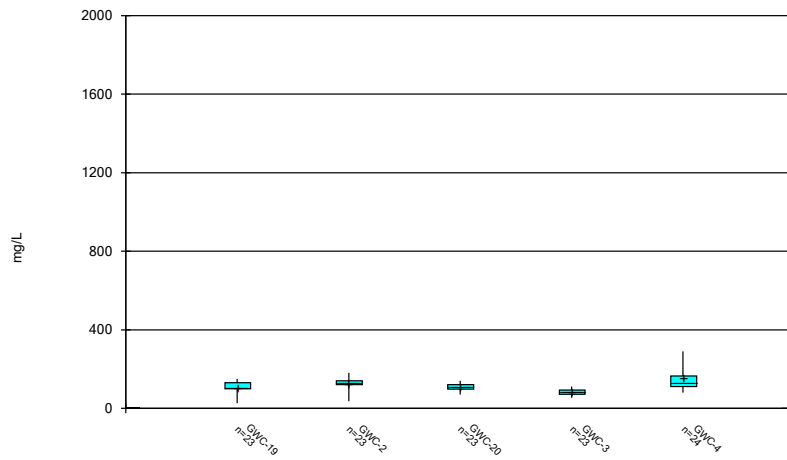
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Box & Whiskers Plot



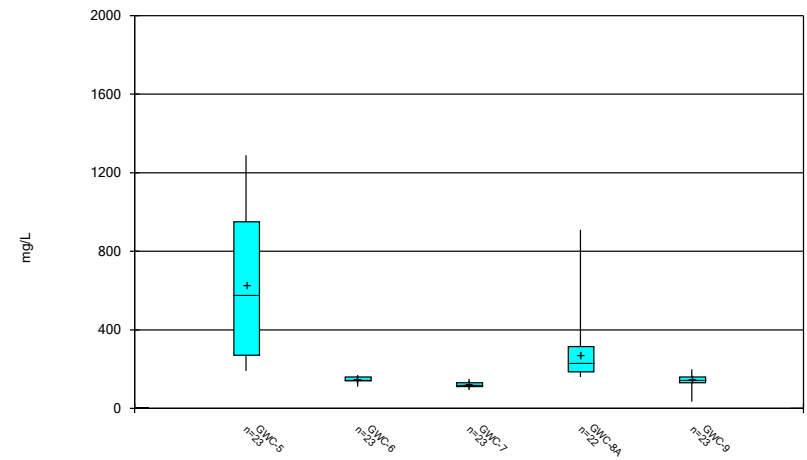
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Box & Whiskers Plot



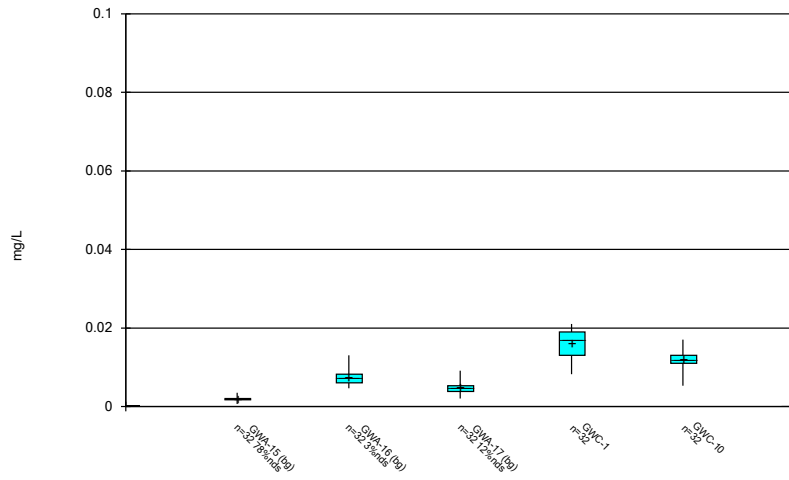
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Box & Whiskers Plot



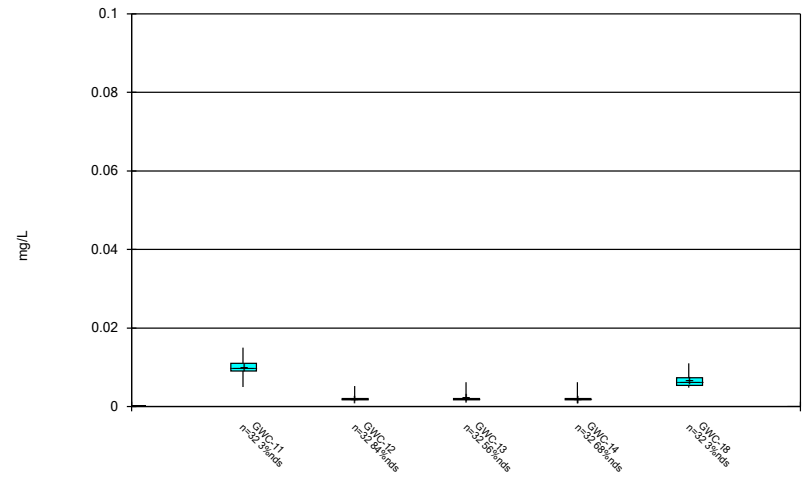
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Box & Whiskers Plot



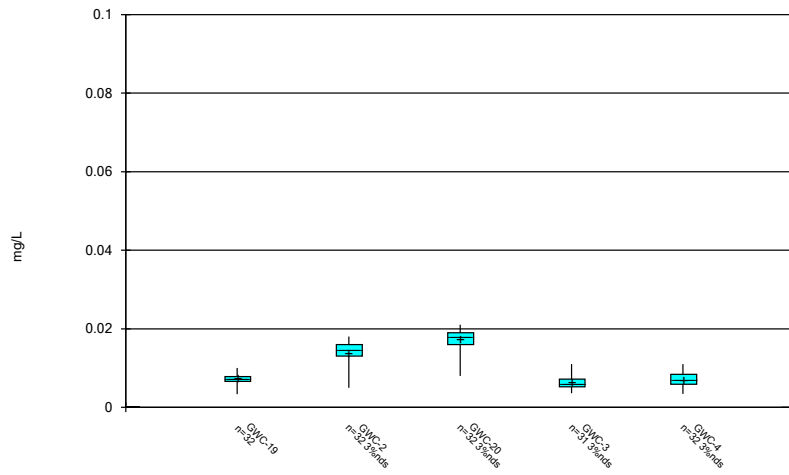
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Box & Whiskers Plot



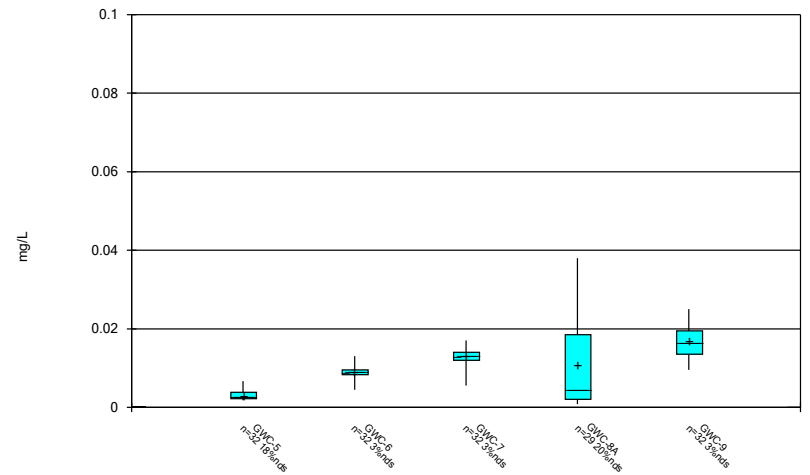
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Box & Whiskers Plot



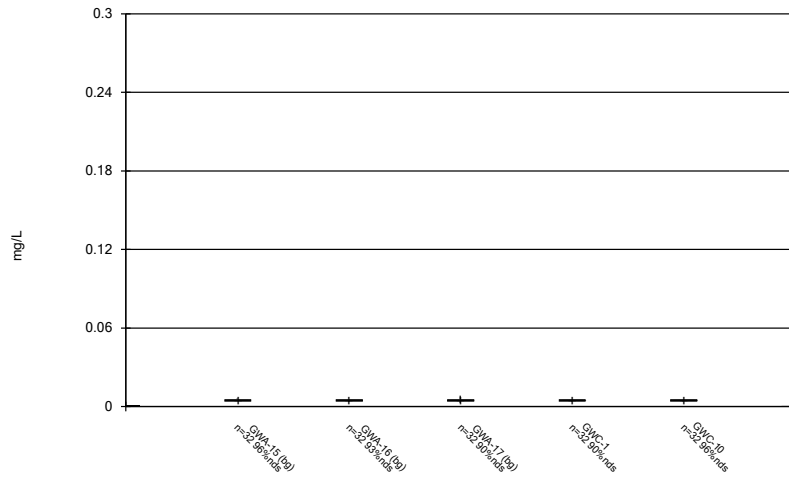
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Box & Whiskers Plot



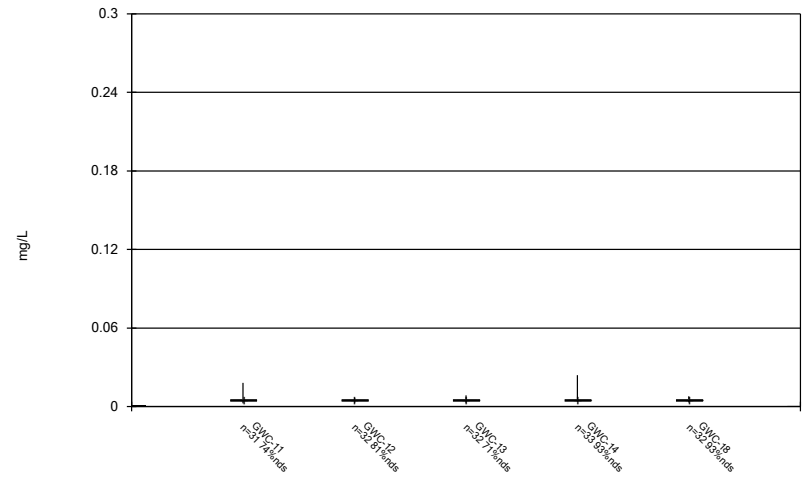
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Box & Whiskers Plot



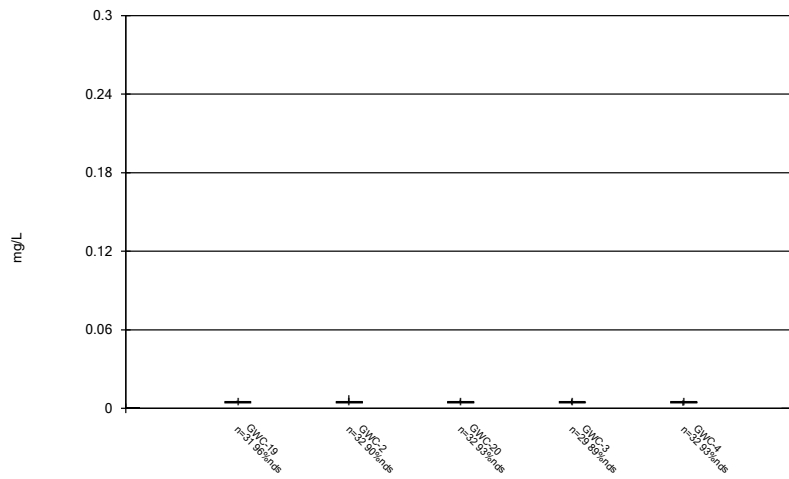
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Box & Whiskers Plot



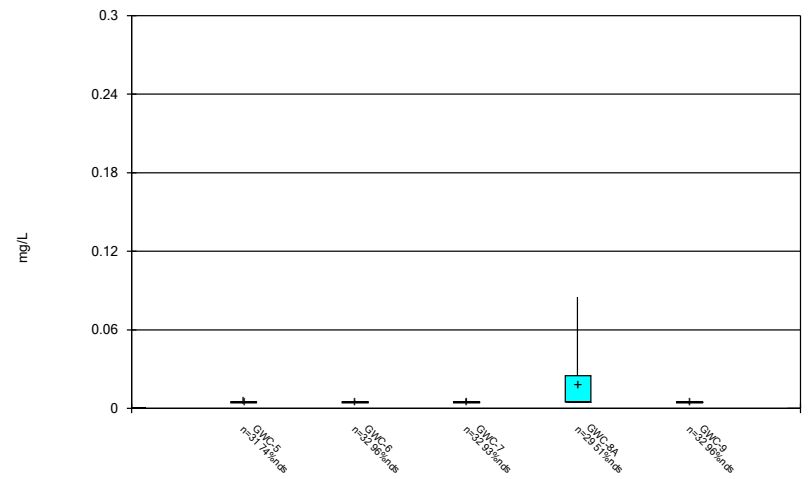
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Box & Whiskers Plot



Constituent: Zinc Analysis Run 12/2/2024 10:22 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



Constituent: Zinc Analysis Run 12/2/2024 10:22 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

FIGURE C.

Outlier Summary

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 9/16/2024, 1:43 PM

GWC-5 Zinc (mg/L)
GWC-8A Zinc (mg/L)

5/11/2010	
6/18/2010	
7/28/2010	
9/7/2010	
4/28/2011	
4/29/2011	
4/30/2011	0.13 (O)
10/28/2011	
5/3/2012	
5/10/2013	0.23 (O)
11/13/2014	0.13 (O)
5/22/2015	
5/23/2015	
5/24/2015	
4/6/2016	
4/19/2016	0.0133 (O)
6/21/2016	
10/5/2016	
10/10/2016	
3/20/2018	
3/22/2018	
10/2/2018	
3/18/2020	
4/1/2021	

FIGURE D.

Appendix I Intrawell Prediction Limits - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 9/16/2024, 12:03 PM

Constituent	Well	Upper Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium, Total (mg/L)	GWC-14	0.01173	8/8/2024	0.013	Yes	31	8.9e-7	2.9e-7	3.226	None	x^3	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-19	0.01999	8/6/2024	0.035	Yes	25	9.0e-8	2.7e-8	4	None	x^4	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-20	0.03594	8/6/2024	0.037	Yes	33	0.00002786	0.000007479	3.03	None	x^3	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-4	0.05318	8/7/2024	0.097	Yes	29	0.0383	0.005897	0	None	No	0.0001937	Param Intra 1 of 2
Chromium, Total (mg/L)	GWA-16	0.007375	8/6/2024	0.008	Yes	33	0.004866	0.001012	3.03	None	No	0.0001937	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-7	0.018	8/6/2024	0.02	Yes	33	n/a	n/a	0	n/a	n/a	0.001701	NP Intra (normality) 1 of 2
Nickel (mg/L)	GWC-2	0.0028	8/6/2024	0.0029	Yes	27	n/a	n/a	62.96	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2

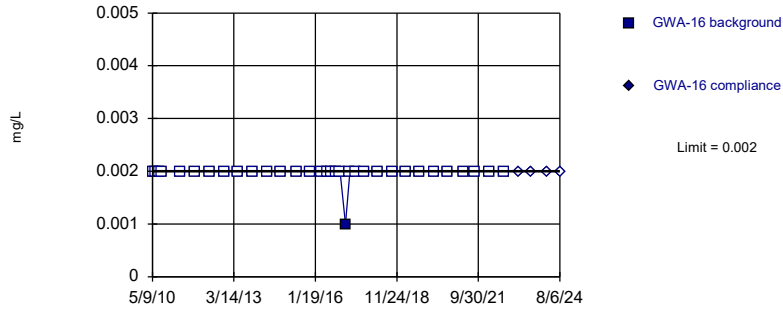
Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 9/16/2024, 12:03 PM

Constituent	Well	Upper Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Zinc (mg/L)	GWC-18	0.0077	8/6/2024	0.005ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-19	0.0059	8/6/2024	0.005ND	No	27	n/a	n/a	96.3	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-2	0.01	8/6/2024	0.005ND	No	28	n/a	n/a	92.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-20	0.0065	8/6/2024	0.005ND	No	28	n/a	n/a	92.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-3	0.0069	8/7/2024	0.0028J	No	25	n/a	n/a	92	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-4	0.006	8/7/2024	0.005ND	No	28	n/a	n/a	92.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-5	0.0089	8/6/2024	0.005ND	No	27	n/a	n/a	70.37	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-6	0.0062	8/7/2024	0.005ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-7	0.0074	8/6/2024	0.005ND	No	28	n/a	n/a	92.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-8A	0.085	8/6/2024	0.005ND	No	25	n/a	n/a	48	n/a	n/a	0.002832	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-9	0.005	8/6/2024	0.005ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

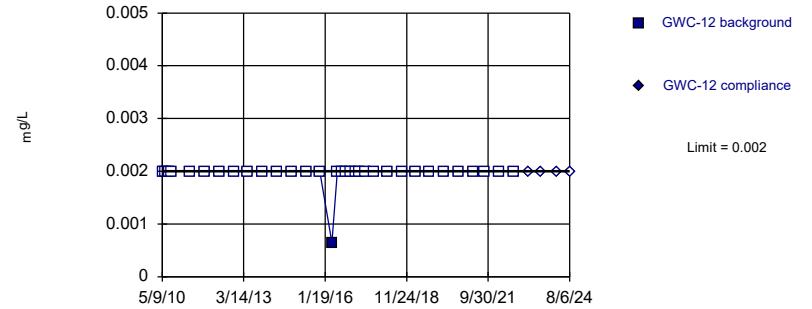


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Antimony, Total Analysis Run 9/16/2024 11:53 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

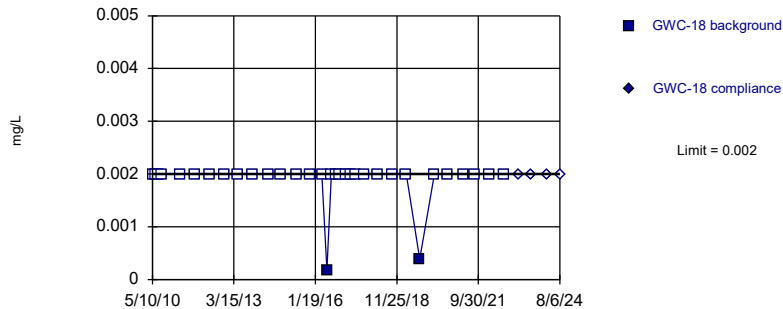


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Antimony, Total Analysis Run 9/16/2024 11:53 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

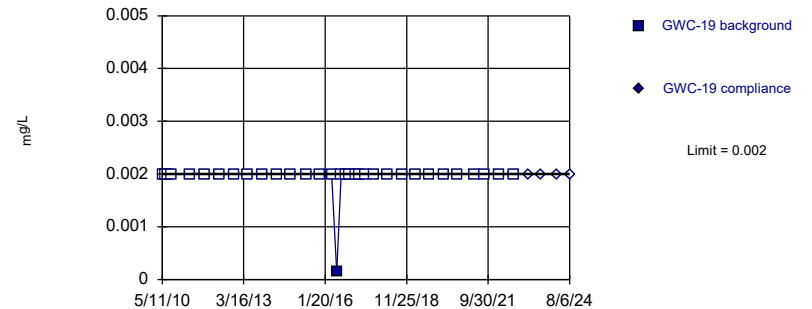


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 93.94% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Antimony, Total Analysis Run 9/16/2024 11:53 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

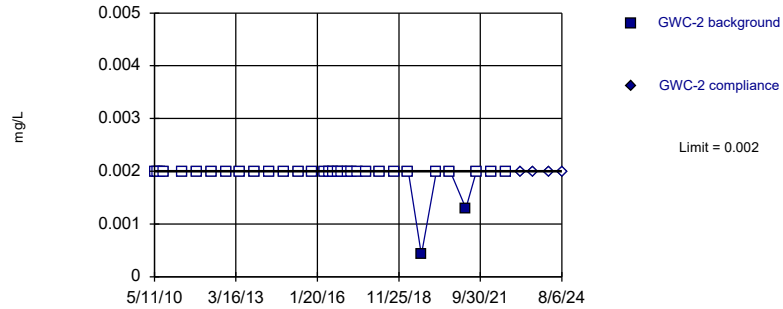


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Antimony, Total Analysis Run 9/16/2024 11:53 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

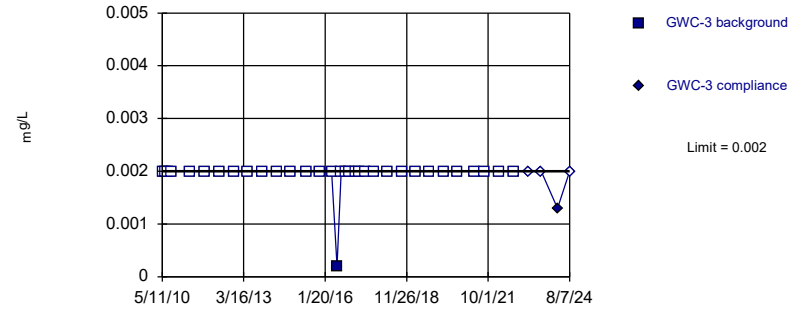


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 93.94% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Antimony, Total Analysis Run 9/16/2024 11:53 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

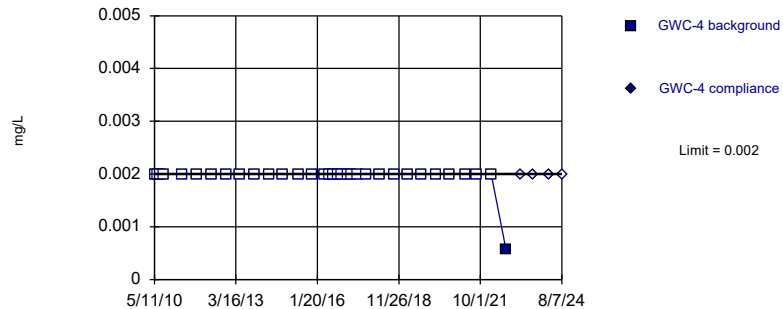


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Antimony, Total Analysis Run 9/16/2024 11:53 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

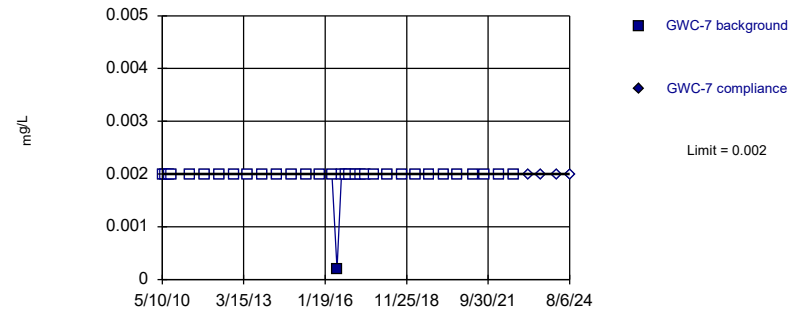


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Antimony, Total Analysis Run 9/16/2024 11:53 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

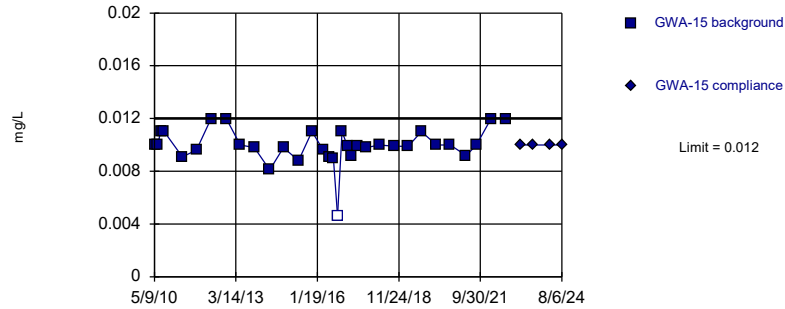


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Antimony, Total Analysis Run 9/16/2024 11:53 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

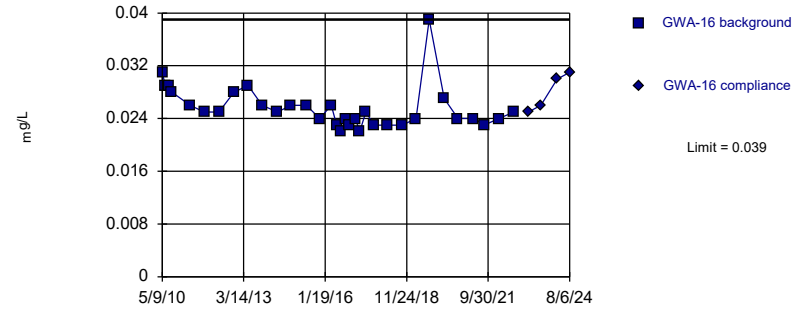


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 33 background values. 3.03% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Barium, Total Analysis Run 9/16/2024 11:53 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
 Within Limit

Prediction Limit
 Intrawell Non-parametric

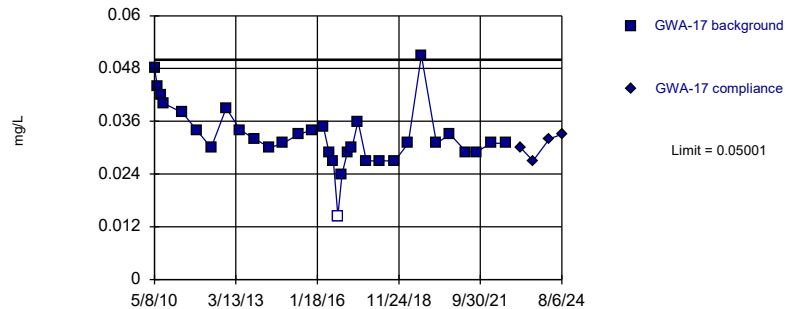


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 33 background values. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Barium, Total Analysis Run 9/16/2024 11:53 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Parametric

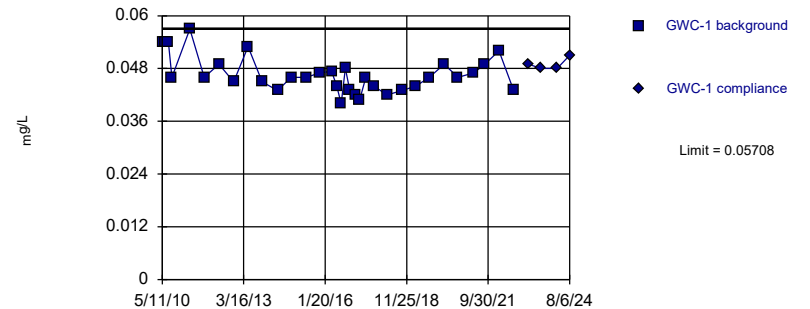


Background Data Summary: Mean=0.03273, Std. Dev.=0.006966, n=33, 3.03% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9333, critical = 0.906. Kappa = 2.481 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium, Total Analysis Run 9/16/2024 11:53 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
 Within Limit

Prediction Limit
 Intrawell Parametric



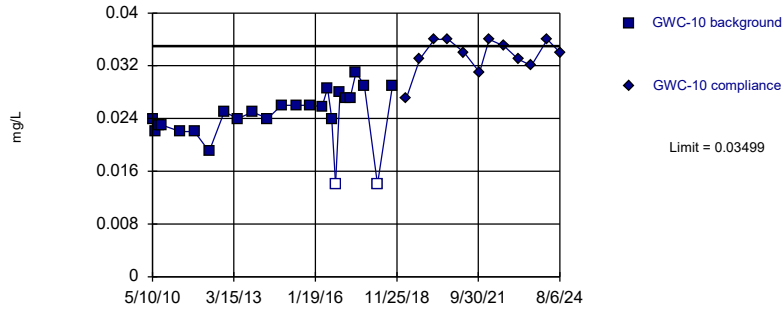
Background Data Summary: Mean=0.04671, Std. Dev.=0.004181, n=33. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9285, critical = 0.906. Kappa = 2.481 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium, Total Analysis Run 9/16/2024 11:53 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit

Intrawell Parametric



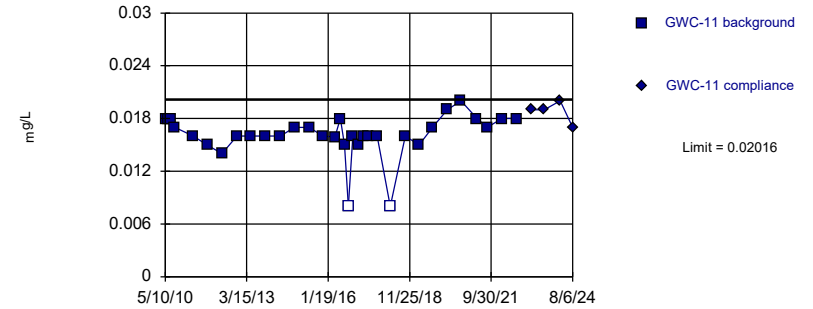
Background Data Summary: Mean=0.02434, Std. Dev.=0.004121, n=25, 8% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9043, critical = 0.888. Kappa = 2.585 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium, Total Analysis Run 9/16/2024 11:53 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit

Intrawell Parametric



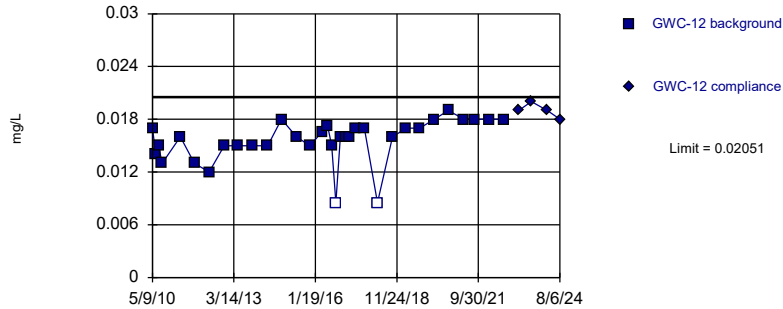
Background Data Summary (based on cube transformation): Mean=0.000004442, Std. Dev.=0.00000151, n=33, 6.061% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9105, critical = 0.906. Kappa = 2.481 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium, Total Analysis Run 9/16/2024 11:53 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit

Intrawell Parametric



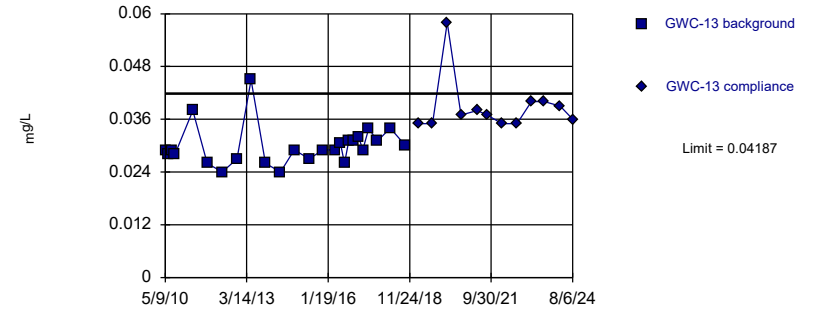
Background Data Summary (based on square transformation): Mean=0.0002503, Std. Dev.=0.00006867, n=33, 6.061% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.912, critical = 0.906. Kappa = 2.481 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium, Total Analysis Run 9/16/2024 11:53 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit

Intrawell Parametric

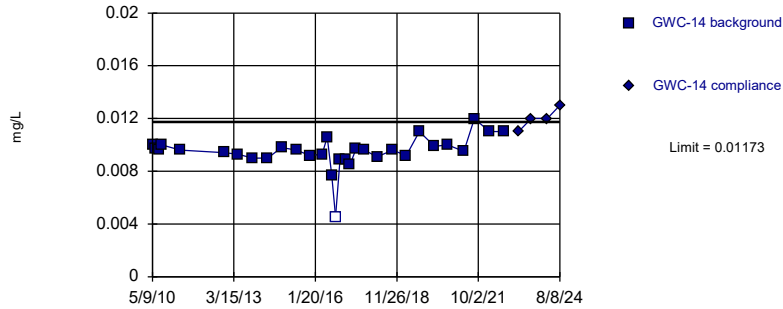


Background Data Summary (based on cube root transformation): Mean=0.3096, Std. Dev.=0.01457, n=25, Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8937, critical = 0.888. Kappa = 2.585 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium, Total Analysis Run 9/16/2024 11:53 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Exceeds Limit

Prediction Limit
Intrawell Parametric

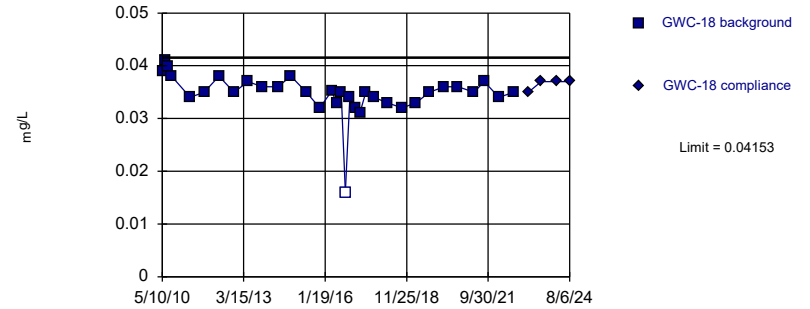


Background Data Summary (based on cube transformation): Mean=8.9e-7, Std. Dev.=2.9e-7, n=31, 3.226% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9162, critical = 0.902. Kappa = 2.5 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium, Total Analysis Run 9/16/2024 11:53 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Parametric

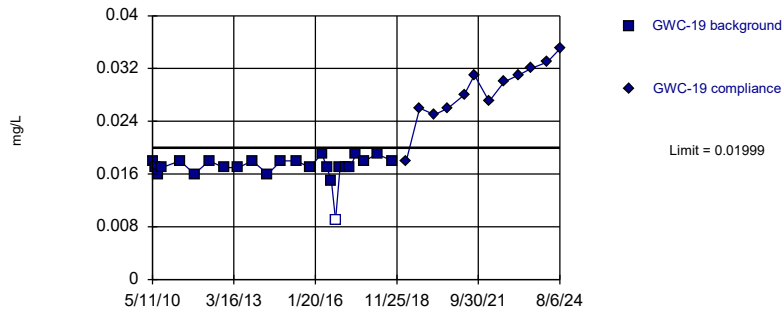


Background Data Summary (based on cube transformation): Mean=0.00004329, Std. Dev.=0.00001142, n=33, 3.03% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9206, critical = 0.906. Kappa = 2.481 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium, Total Analysis Run 9/16/2024 11:53 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Exceeds Limit

Prediction Limit
Intrawell Parametric

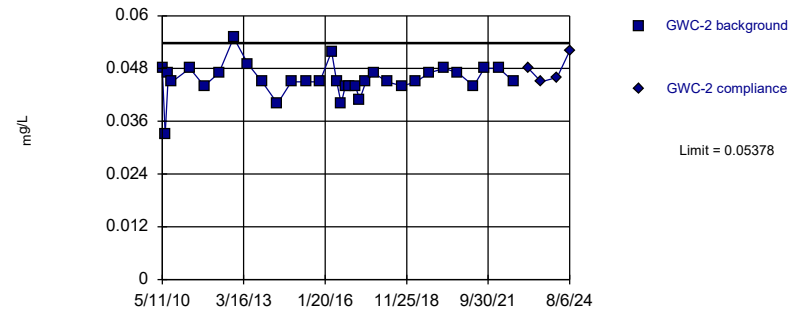


Background Data Summary (based on x^4 transformation): Mean=9.0e-8, Std. Dev.=2.7e-8, n=25, 4% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8905, critical = 0.888. Kappa = 2.585 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium, Total Analysis Run 9/16/2024 11:53 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Within Limit

Prediction Limit
Intrawell Parametric

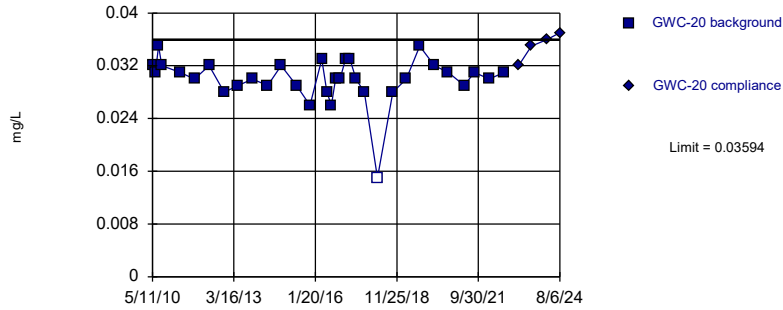


Background Data Summary (based on square transformation): Mean=0.002076, Std. Dev.=0.000329, n=33. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9084, critical = 0.906. Kappa = 2.481 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium, Total Analysis Run 9/16/2024 11:53 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
 Hollow symbols indicate censored values.
 Exceeds Limit

Prediction Limit
 Intrawell Parametric

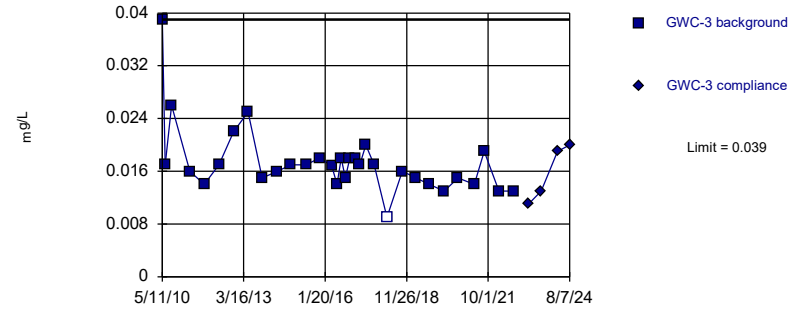


Background Data Summary (based on cube transformation): Mean=0.00002786, Std. Dev.=0.000007479, n=33, 3.03% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9375, critical = 0.906. Kappa = 2.481 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium, Total Analysis Run 9/16/2024 11:53 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 32 background values. 3.125% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Barium, Total Analysis Run 9/16/2024 11:53 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
 Exceeds Limit

Prediction Limit
 Intrawell Parametric

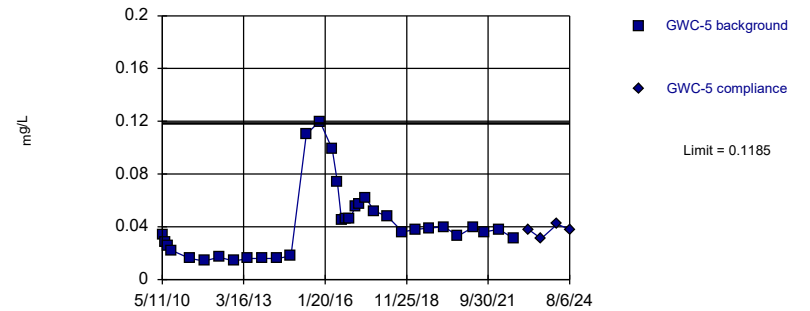


Background Data Summary: Mean=0.0383, Std. Dev.=0.005897, n=29. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9543, critical = 0.898. Kappa = 2.524 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium, Total Analysis Run 9/16/2024 11:53 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
 Within Limit

Prediction Limit
 Intrawell Parametric

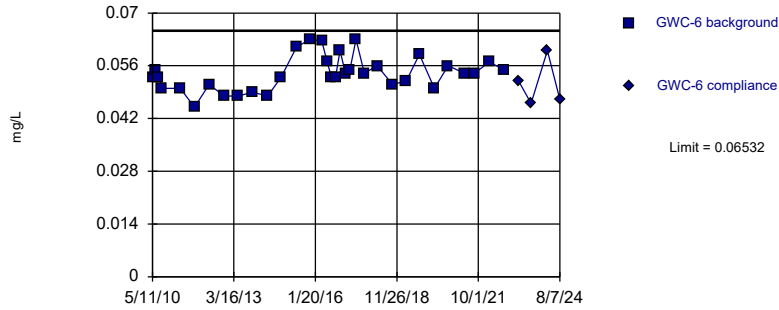


Background Data Summary (based on square root transformation): Mean=0.196, Std. Dev.=0.05974, n=33. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9162, critical = 0.906. Kappa = 2.481 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium, Total Analysis Run 9/16/2024 11:53 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

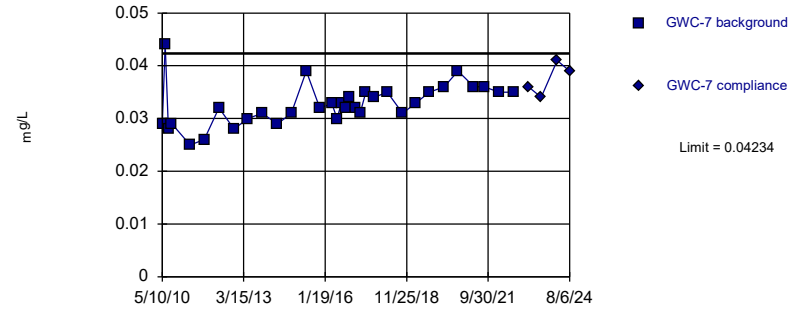


Background Data Summary: Mean=0.05402, Std. Dev.=0.004555, n=33. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9593, critical = 0.906. Kappa = 2.481 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium, Total Analysis Run 9/16/2024 11:53 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

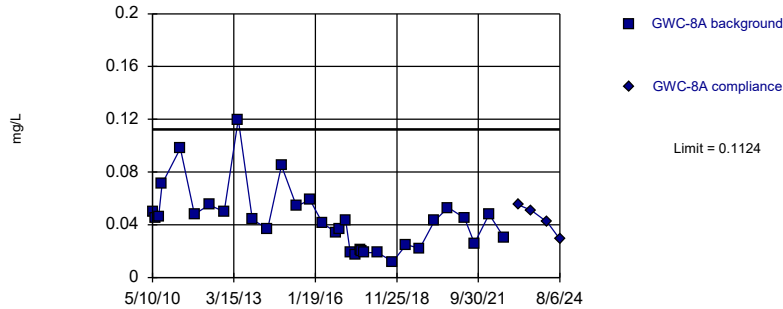


Background Data Summary: Mean=0.03266, Std. Dev.=0.003902, n=33. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9702, critical = 0.906. Kappa = 2.481 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium, Total Analysis Run 9/16/2024 11:53 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric



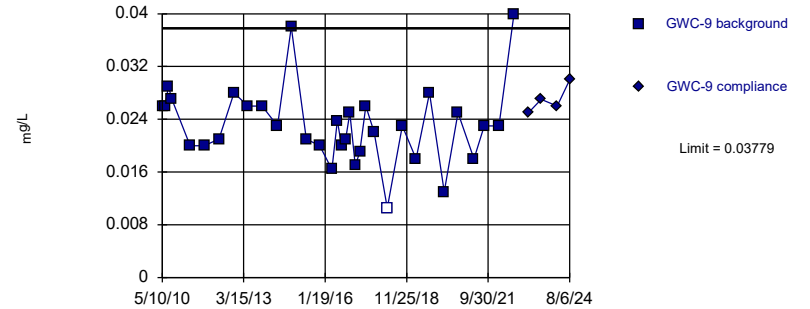
Background Data Summary (based on square root transformation): Mean=0.2018, Std. Dev.=0.05378, n=33. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.948, critical = 0.906. Kappa = 2.481 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium, Total Analysis Run 9/16/2024 11:53 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Parametric

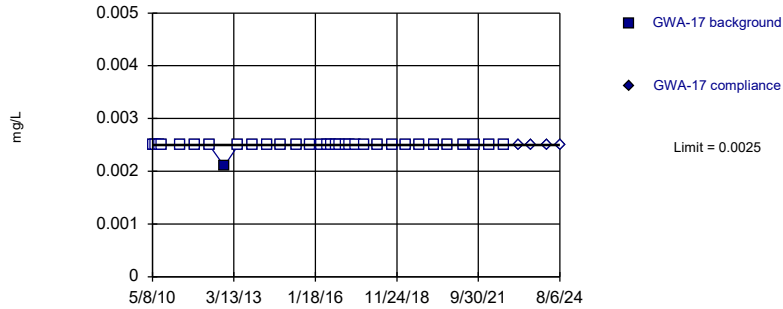


Background Data Summary: Mean=0.02311, Std. Dev.=0.005916, n=33, 3.03% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9377, critical = 0.906. Kappa = 2.481 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium, Total Analysis Run 9/16/2024 11:53 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

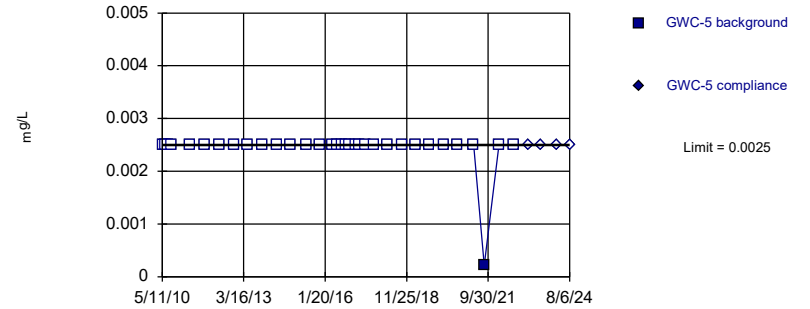


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Beryllium, Total Analysis Run 9/16/2024 11:53 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

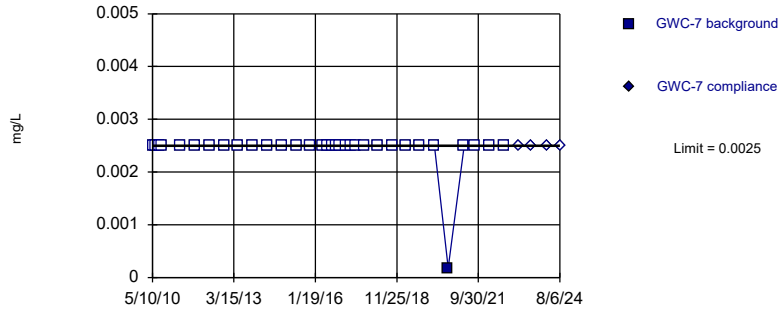


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Beryllium, Total Analysis Run 9/16/2024 11:54 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

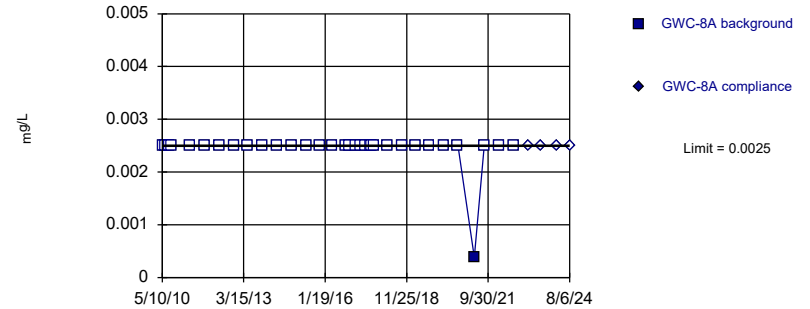


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Beryllium, Total Analysis Run 9/16/2024 11:54 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

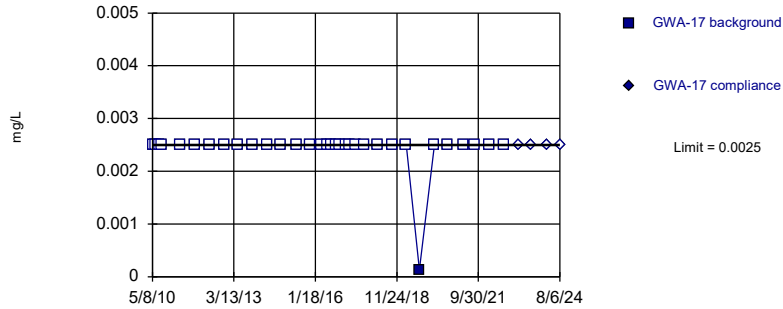


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Beryllium, Total Analysis Run 9/16/2024 11:54 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

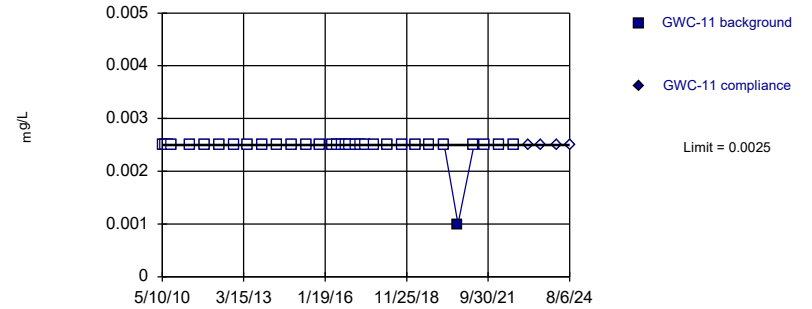


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Cadmium, Total Analysis Run 9/16/2024 11:54 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

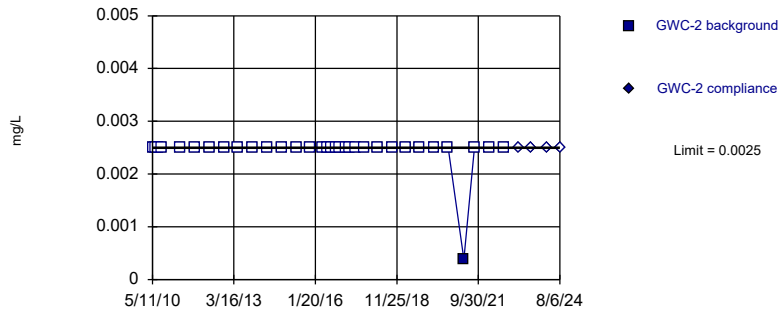


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Cadmium, Total Analysis Run 9/16/2024 11:54 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

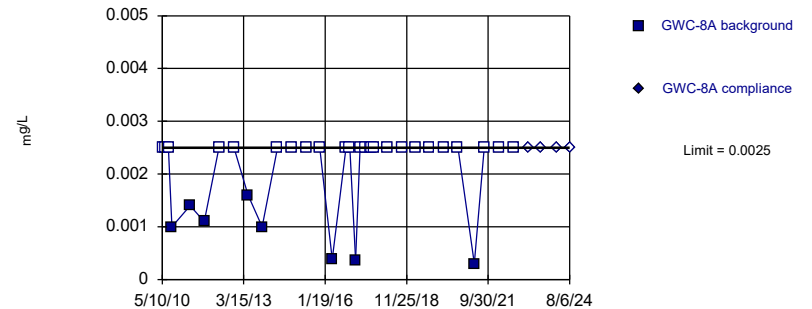


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Cadmium, Total Analysis Run 9/16/2024 11:54 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

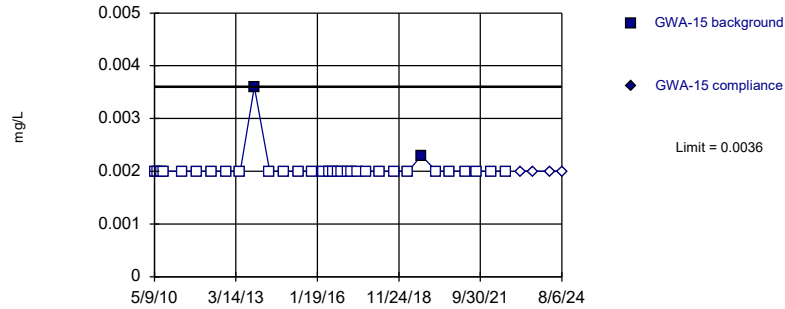


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 75.76% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Cadmium, Total Analysis Run 9/16/2024 11:54 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

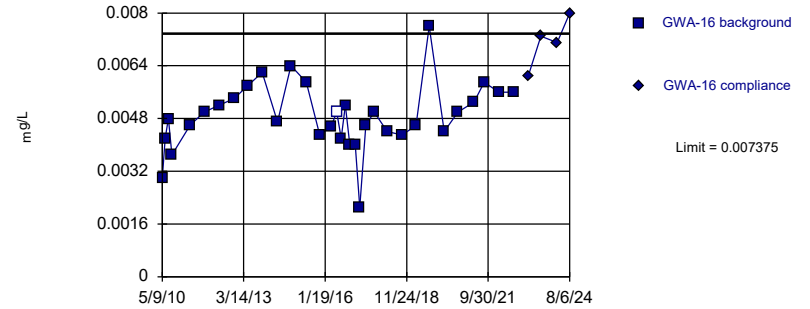


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 93.94% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Chromium, Total Analysis Run 9/16/2024 11:54 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Exceeds Limit

Prediction Limit
Intrawell Parametric

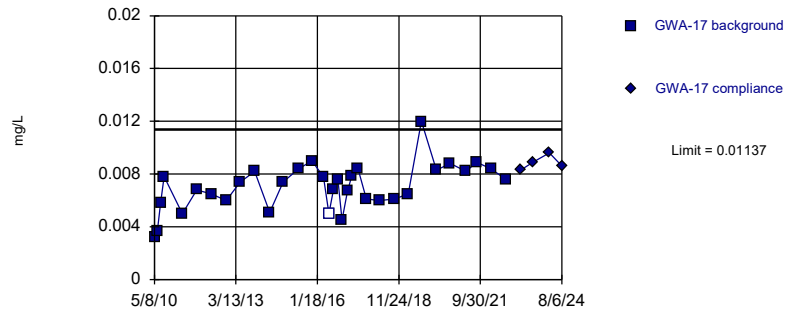


Background Data Summary: Mean=0.004866, Std. Dev.=0.001012, n=33, 3.03% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9729, critical = 0.906. Kappa = 2.481 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Chromium, Total Analysis Run 9/16/2024 11:54 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

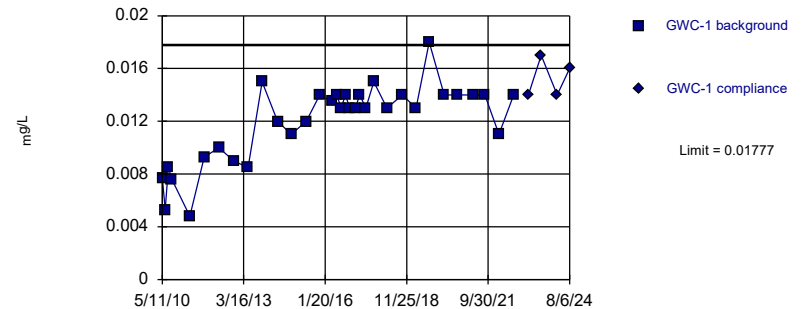


Background Data Summary: Mean=0.007027, Std. Dev.=0.001753, n=33, 3.03% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9666, critical = 0.906. Kappa = 2.481 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Chromium, Total Analysis Run 9/16/2024 11:54 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

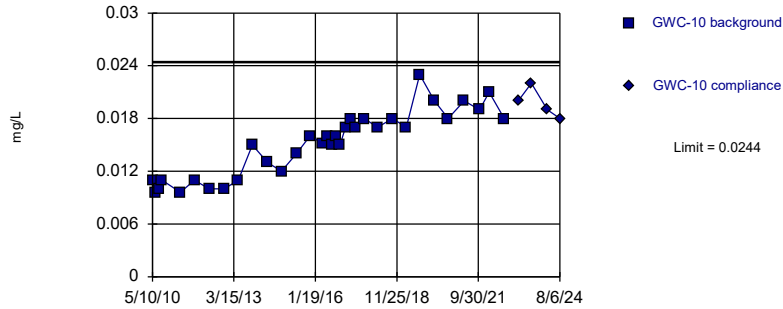


Background Data Summary (based on square transformation): Mean=0.0001527, Std. Dev.=0.00006579, n=33. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9222, critical = 0.906. Kappa = 2.481 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Chromium, Total Analysis Run 9/16/2024 11:54 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Parametric



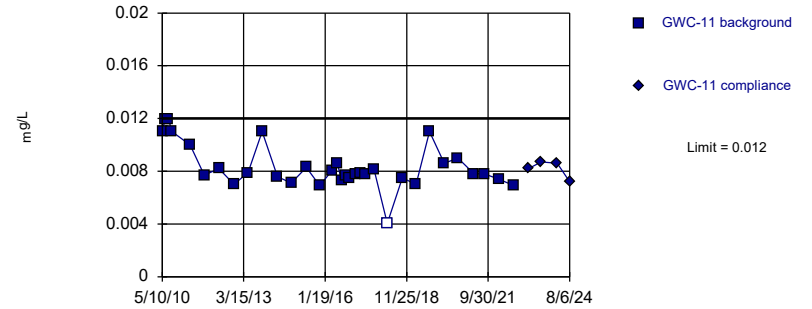
Background Data Summary: Mean=0.01519, Std. Dev.=0.003713, n=33. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9394, critical = 0.906. Kappa = 2.481 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Chromium, Total Analysis Run 9/16/2024 11:54 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



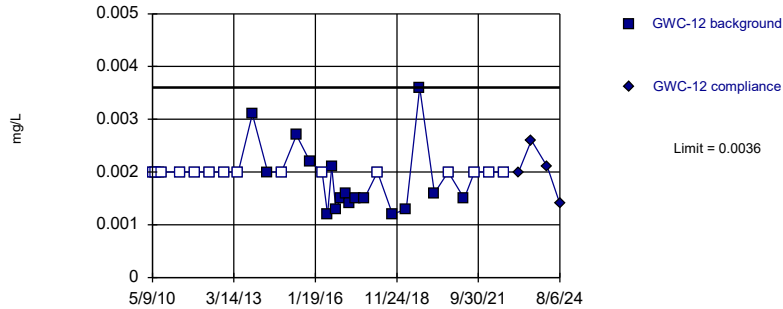
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 33 background values. 3.03% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Chromium, Total Analysis Run 9/16/2024 11:54 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric

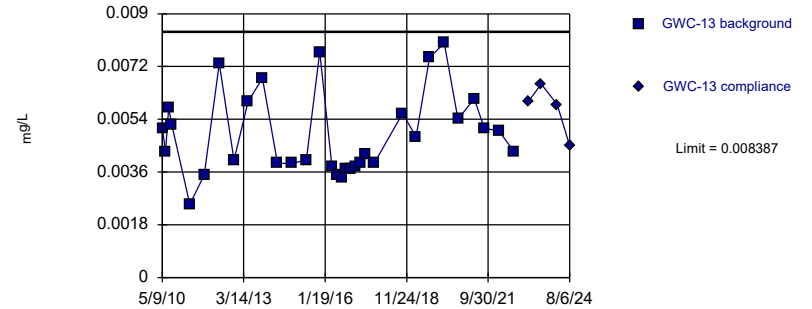


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 33 background values. 45.45% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Chromium, Total Analysis Run 9/16/2024 11:54 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

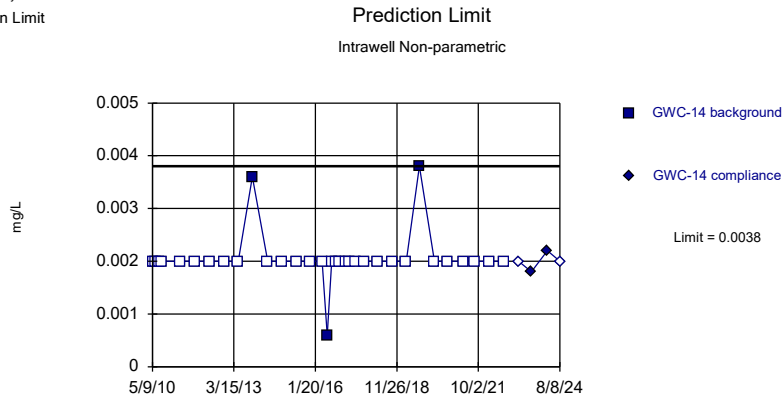
Prediction Limit Intrawell Parametric



Background Data Summary: Mean=0.004866, Std. Dev.=0.001414, n=32. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9074, critical = 0.904. Kappa = 2.49 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Chromium, Total Analysis Run 9/16/2024 11:54 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

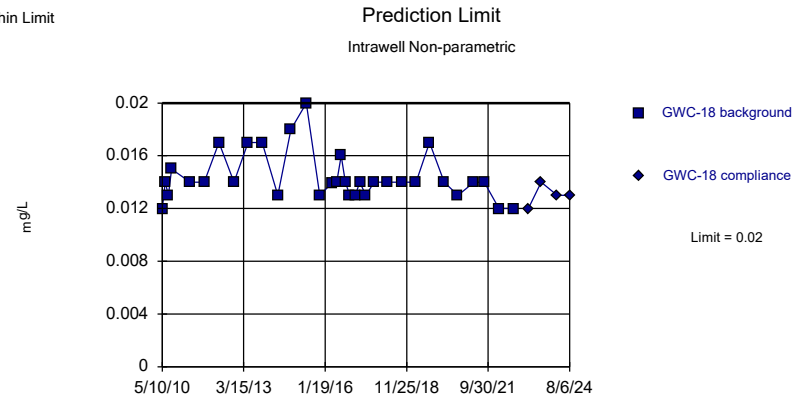
Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Chromium, Total Analysis Run 9/16/2024 11:54 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

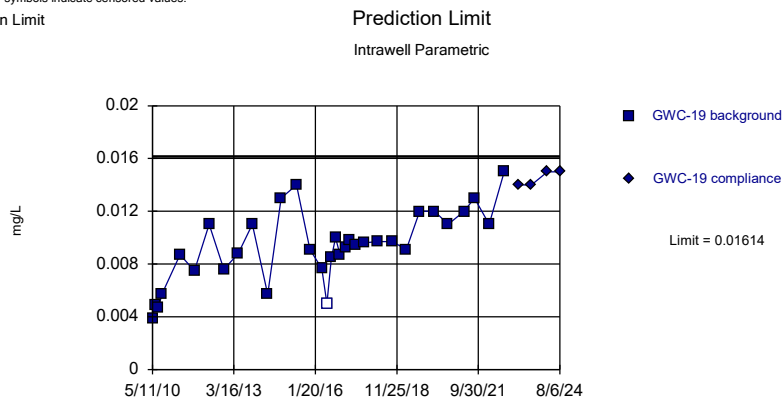
Sanitas™ v.10.0.22 . UG
Within Limit



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 33 background values. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Chromium, Total Analysis Run 9/16/2024 11:54 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

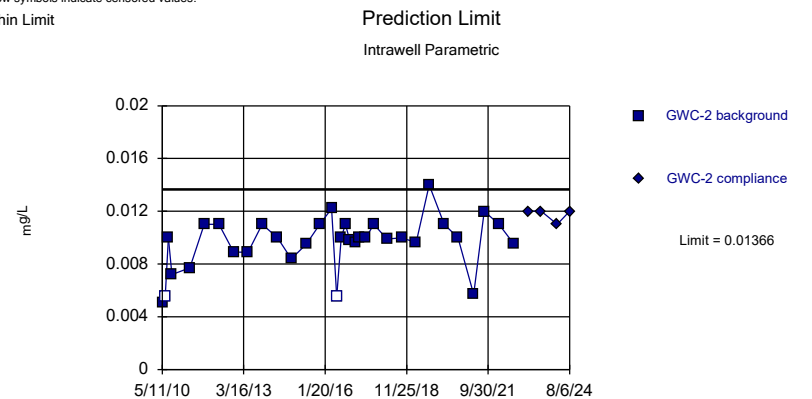
Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit



Background Data Summary: Mean=0.009335, Std. Dev.=0.002745, n=33, 3.03% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9697, critical = 0.906. Kappa = 2.481 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Chromium, Total Analysis Run 9/16/2024 11:54 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit



Background Data Summary (based on square transformation): Mean=0.00009621, Std. Dev.=0.0000364, n=33, 6.061% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9323, critical = 0.906. Kappa = 2.481 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

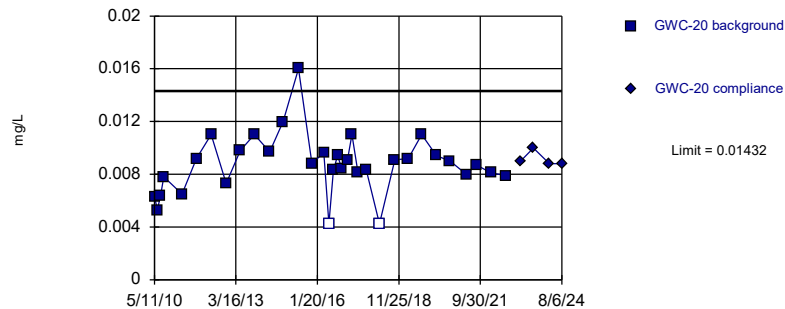
Constituent: Chromium, Total Analysis Run 9/16/2024 11:54 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.008735, Std. Dev.=0.002253, n=33, 6.061% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9385, critical = 0.906. Kappa = 2.481 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

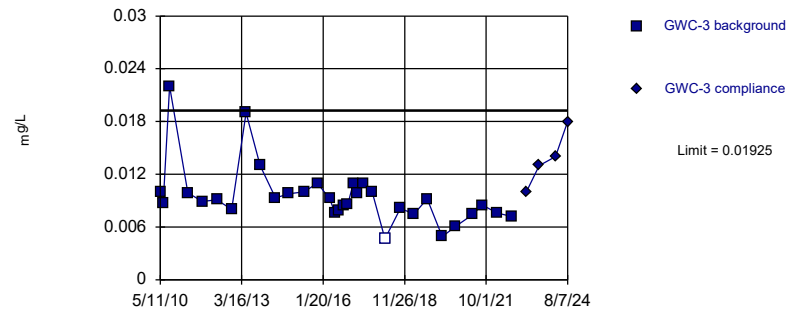
Constituent: Chromium, Total Analysis Run 9/16/2024 11:54 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on natural log transformation): Mean=-4.706, Std. Dev.=0.3037, n=32, 3.125% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9069, critical = 0.904. Kappa = 2.49 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

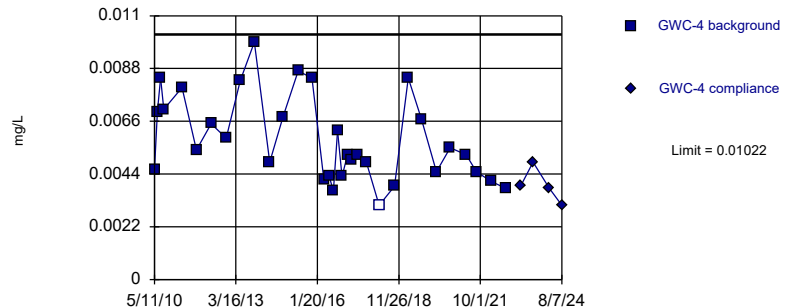
Constituent: Chromium, Total Analysis Run 9/16/2024 11:54 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.005836, Std. Dev.=0.001766, n=33, 3.03% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9302, critical = 0.906. Kappa = 2.481 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

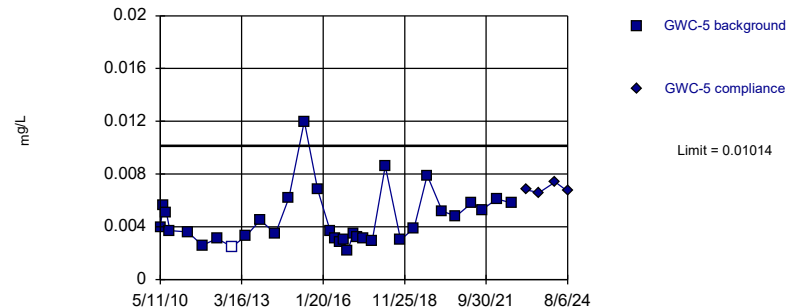
Constituent: Chromium, Total Analysis Run 9/16/2024 11:54 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric

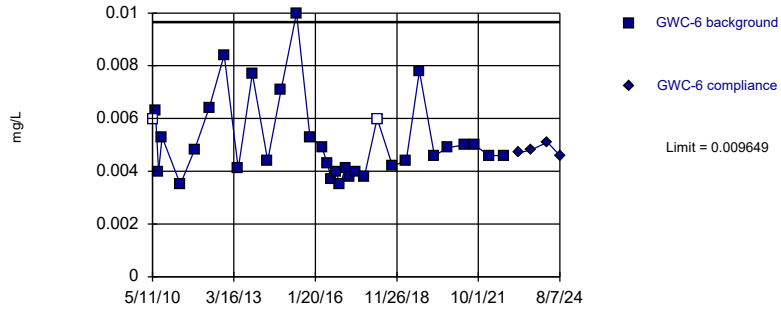


Background Data Summary (based on square root transformation): Mean=0.06609, Std. Dev.=0.01395, n=33, 3.03% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9075, critical = 0.906. Kappa = 2.481 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Chromium, Total Analysis Run 9/16/2024 11:54 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Parametric

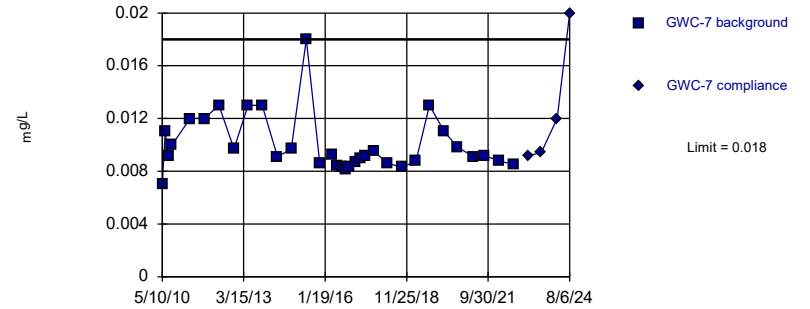


Background Data Summary (based on natural log transformation): Mean=-5.302, Std. Dev.=0.2667, n=33, 6.061% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9178, critical = 0.906. Kappa = 2.481 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Chromium, Total Analysis Run 9/16/2024 11:54 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Exceeds Limit

Prediction Limit
Intrawell Non-parametric

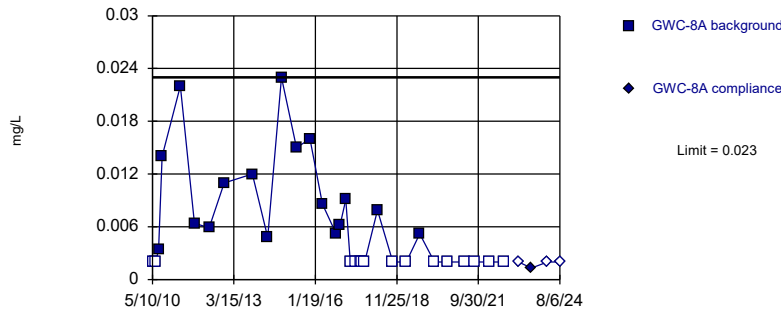


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 33 background values. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Chromium, Total Analysis Run 9/16/2024 11:54 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

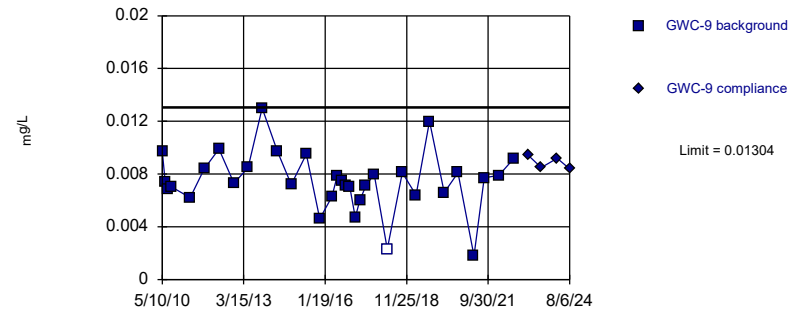


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 32 background values. 46.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Chromium, Total Analysis Run 9/16/2024 11:54 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Parametric

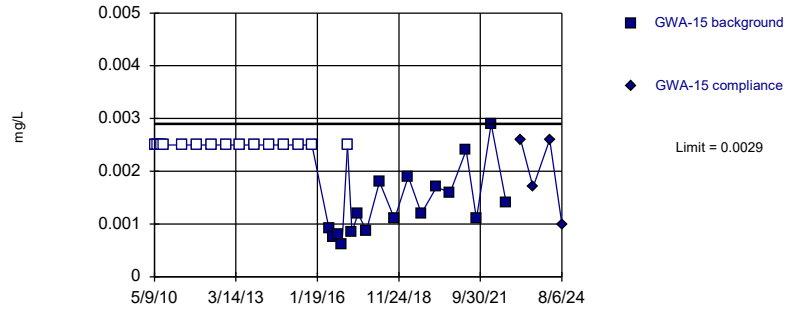


Background Data Summary: Mean=0.007481, Std. Dev.=0.002241, n=33, 3.03% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9456, critical = 0.906. Kappa = 2.481 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Chromium, Total Analysis Run 9/16/2024 11:54 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 IntraWell Non-parametric

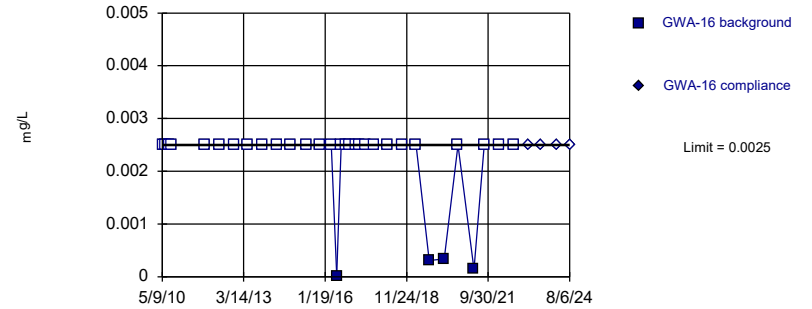


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 32 background values. 46.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Cobalt, Total Analysis Run 9/16/2024 11:54 AM View: Appendix I - IntraWell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 IntraWell Non-parametric

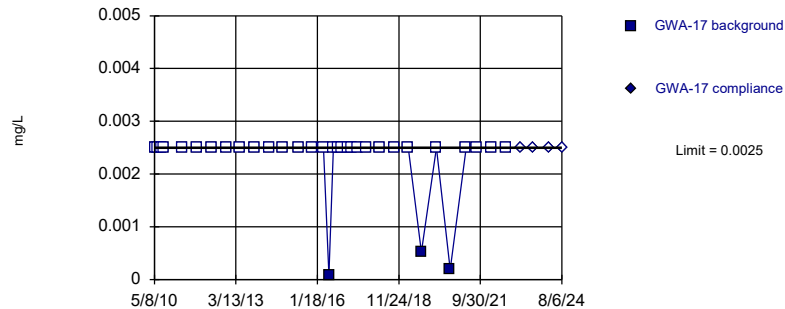


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Cobalt, Total Analysis Run 9/16/2024 11:54 AM View: Appendix I - IntraWell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 IntraWell Non-parametric

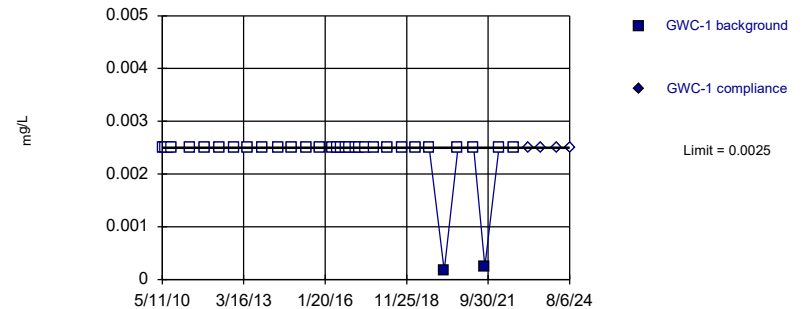


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Cobalt, Total Analysis Run 9/16/2024 11:54 AM View: Appendix I - IntraWell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 IntraWell Non-parametric

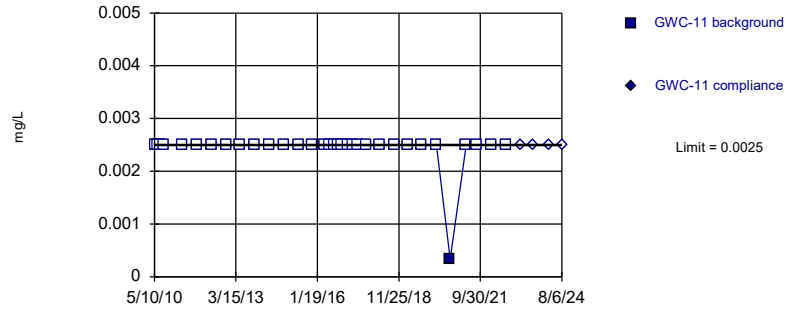


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 93.94% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Cobalt, Total Analysis Run 9/16/2024 11:54 AM View: Appendix I - IntraWell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

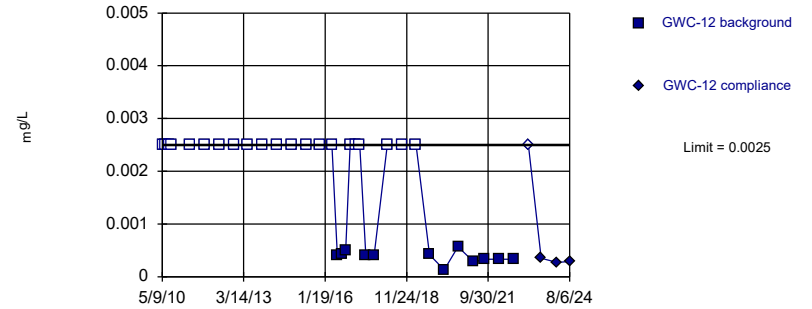


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Cobalt, Total Analysis Run 9/16/2024 11:54 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

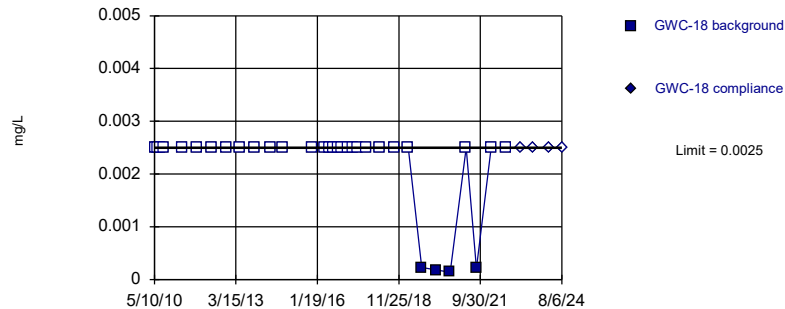


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 63.64% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Cobalt, Total Analysis Run 9/16/2024 11:54 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

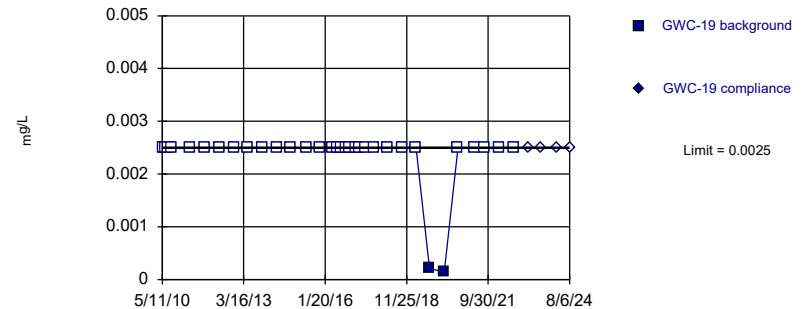


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Cobalt, Total Analysis Run 9/16/2024 11:54 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

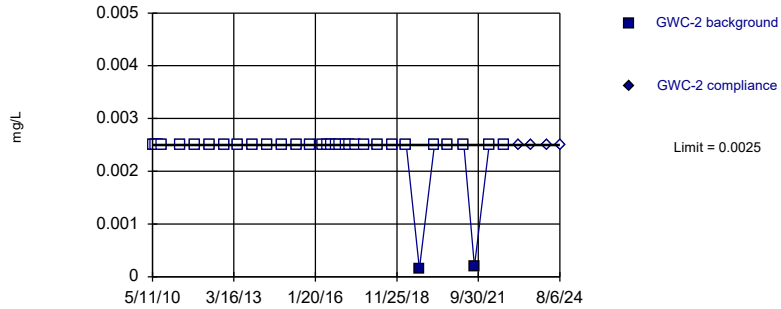


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 93.94% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Cobalt, Total Analysis Run 9/16/2024 11:54 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

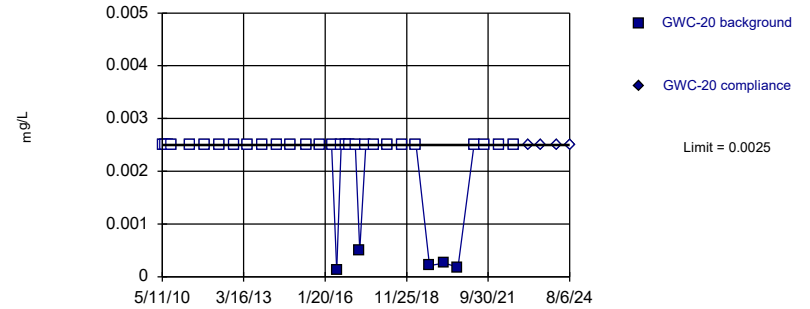


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 93.94% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Cobalt, Total Analysis Run 9/16/2024 11:54 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

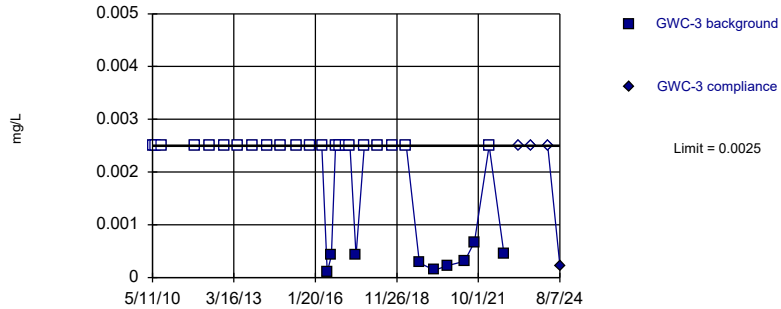


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 84.85% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Cobalt, Total Analysis Run 9/16/2024 11:54 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

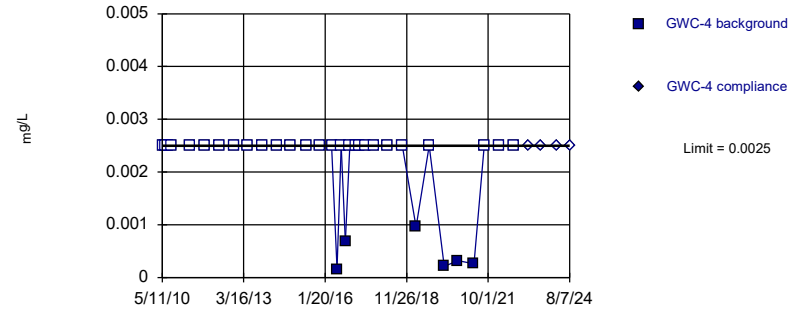


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 70.97% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

Constituent: Cobalt, Total Analysis Run 9/16/2024 11:54 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric



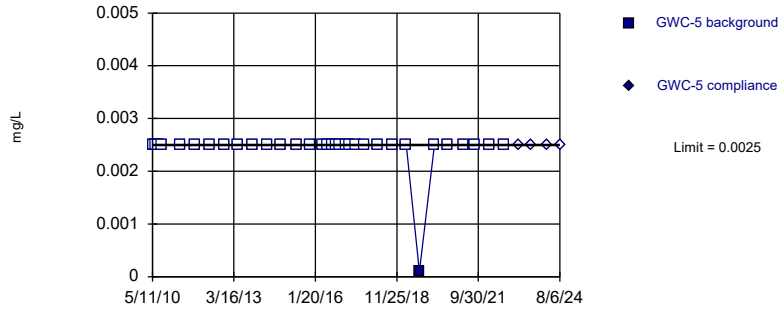
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 81.82% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Cobalt, Total Analysis Run 9/16/2024 11:54 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



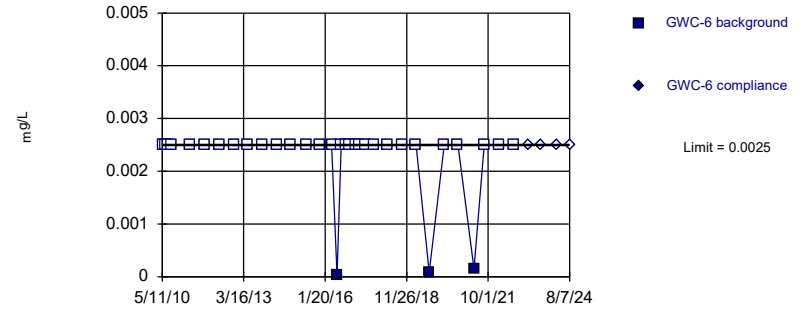
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Cobalt, Total Analysis Run 9/16/2024 11:54 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



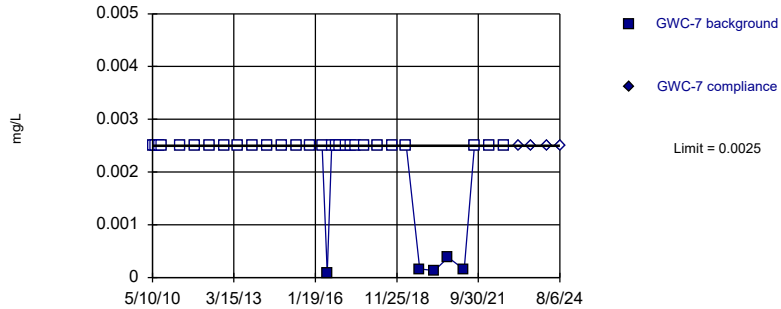
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Cobalt, Total Analysis Run 9/16/2024 11:55 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



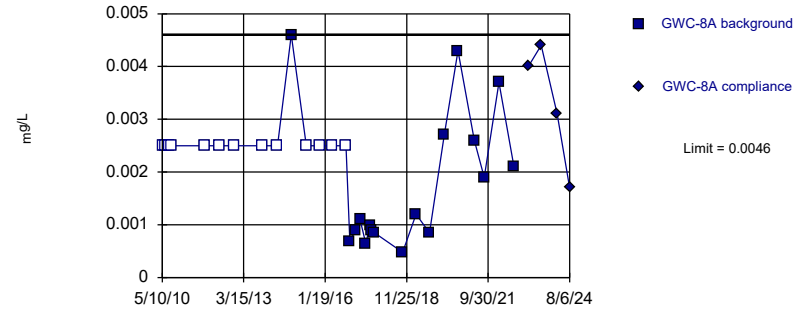
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 84.85% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Cobalt, Total Analysis Run 9/16/2024 11:55 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric

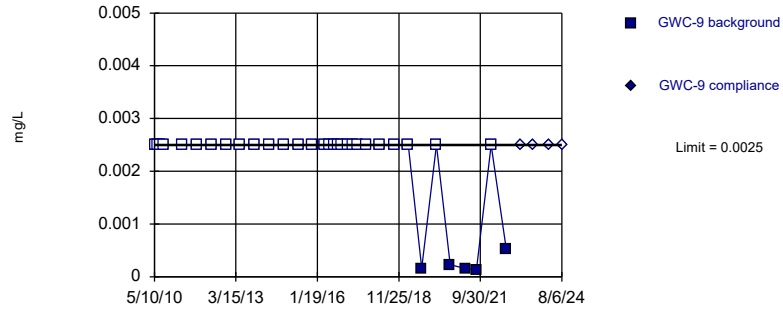


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 30 background values. 43.33% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

Constituent: Cobalt, Total Analysis Run 9/16/2024 11:55 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

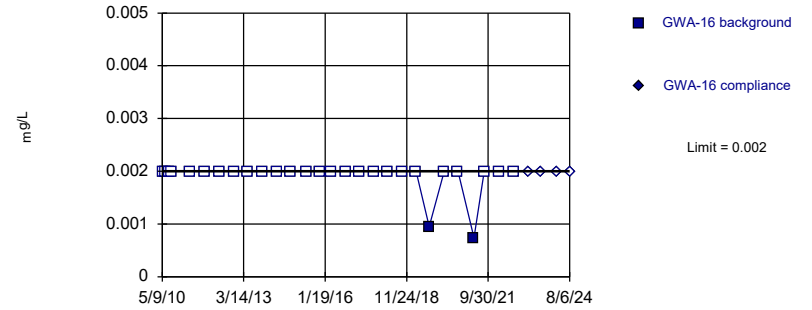


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 84.85% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Cobalt, Total Analysis Run 9/16/2024 11:55 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

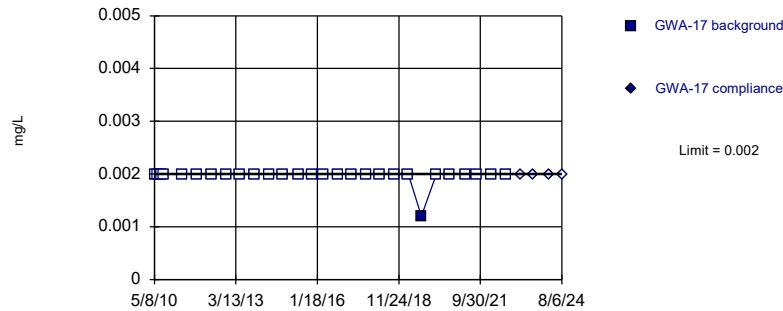


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 92.86% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Copper Analysis Run 9/16/2024 11:55 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

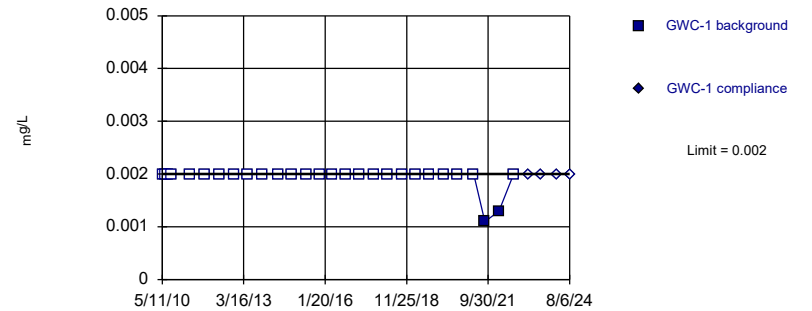


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Copper Analysis Run 9/16/2024 11:55 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

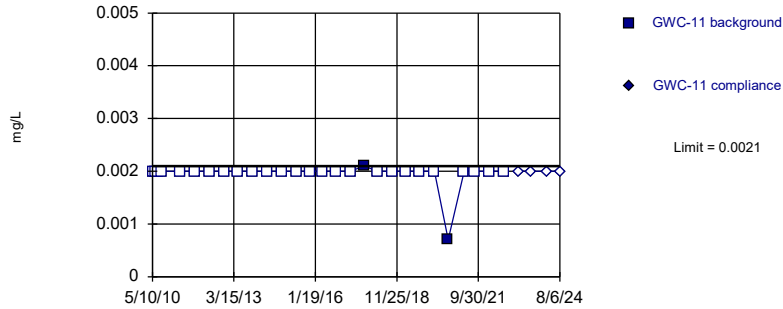


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 92.86% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Copper Analysis Run 9/16/2024 11:55 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

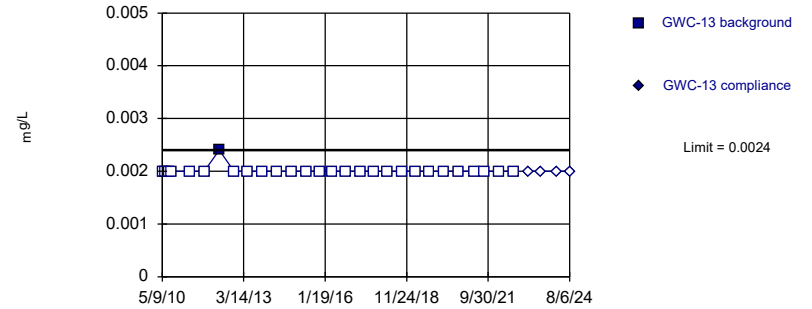


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 92.86% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Copper Analysis Run 9/16/2024 11:55 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

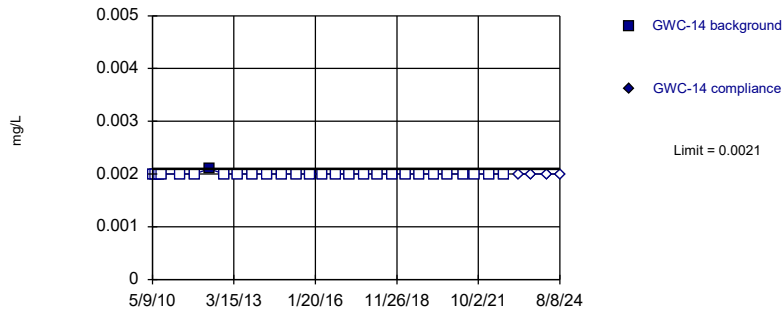


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Copper Analysis Run 9/16/2024 11:55 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

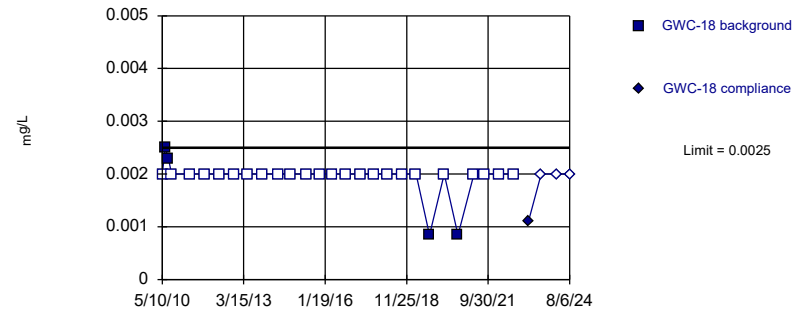


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Copper Analysis Run 9/16/2024 11:55 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

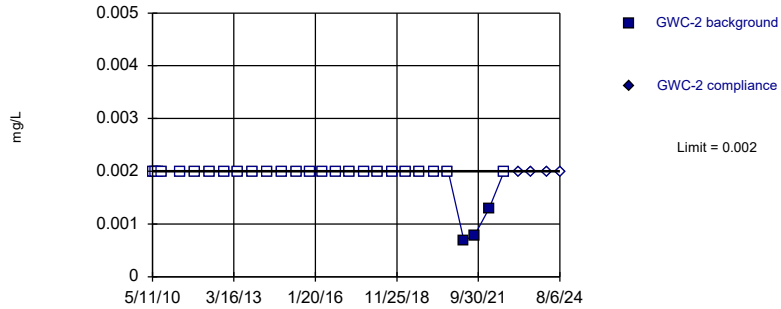


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Copper Analysis Run 9/16/2024 11:55 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

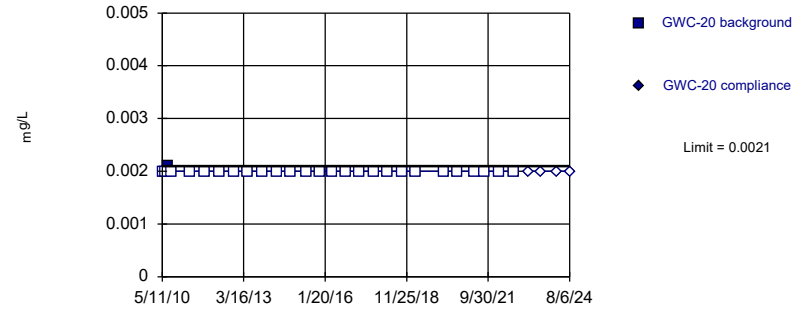


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 89.29% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Copper Analysis Run 9/16/2024 11:55 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

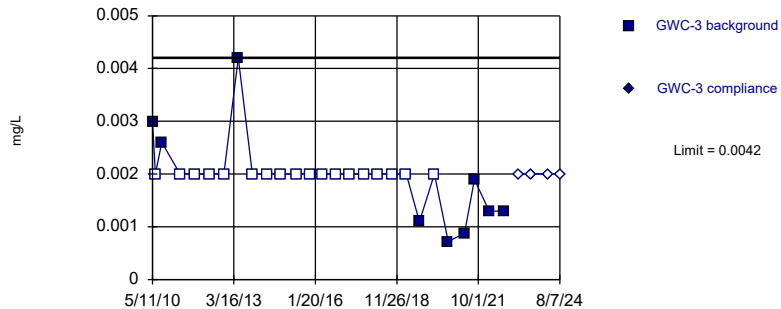


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 96.3% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Copper Analysis Run 9/16/2024 11:55 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

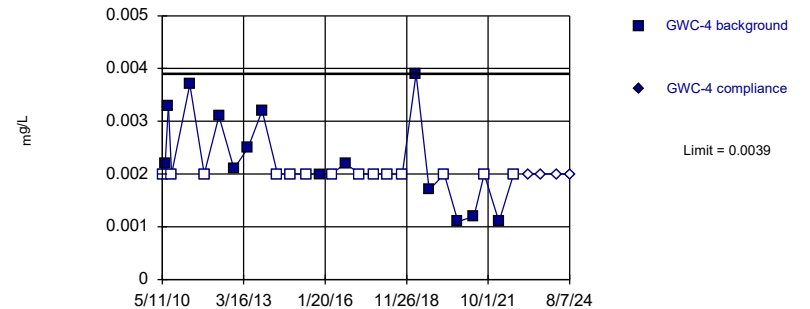


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Copper Analysis Run 9/16/2024 11:55 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

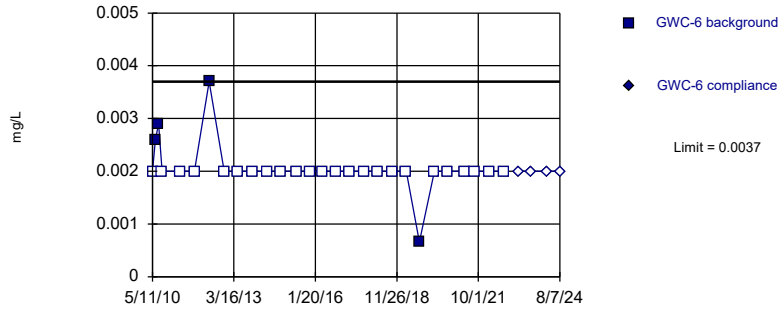


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 28 background values. 50% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Copper Analysis Run 9/16/2024 11:55 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

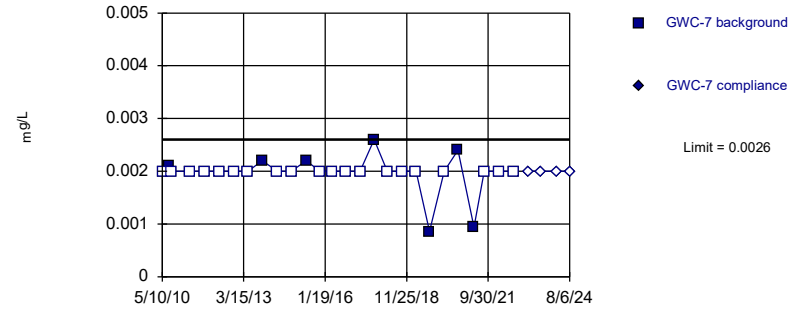


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Copper Analysis Run 9/16/2024 11:55 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

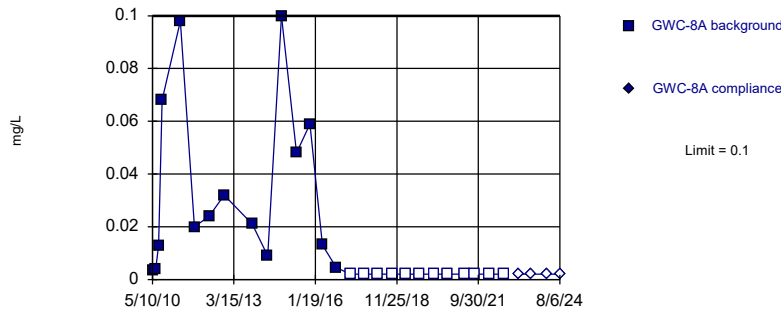


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 74.07% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Copper Analysis Run 9/16/2024 11:55 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

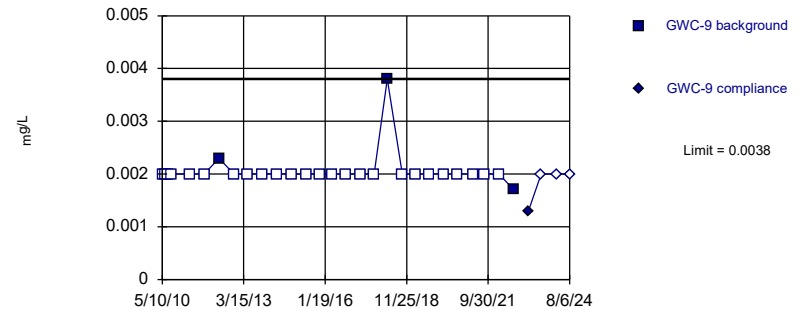


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 27 background values. 44.44% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Copper Analysis Run 9/16/2024 11:55 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

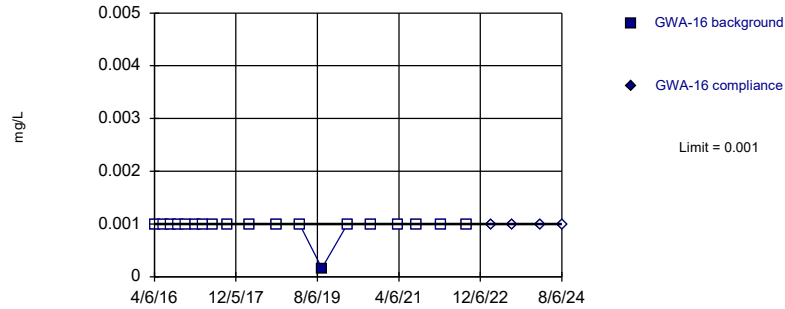


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 89.29% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Copper Analysis Run 9/16/2024 11:55 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

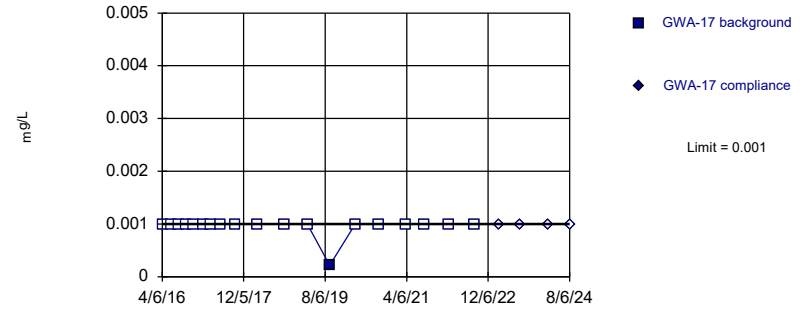


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 94.74% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Lead, Total Analysis Run 9/16/2024 11:55 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

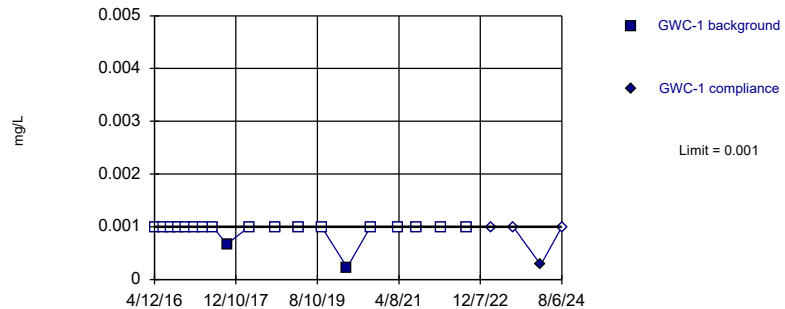


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 94.74% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Lead, Total Analysis Run 9/16/2024 11:55 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

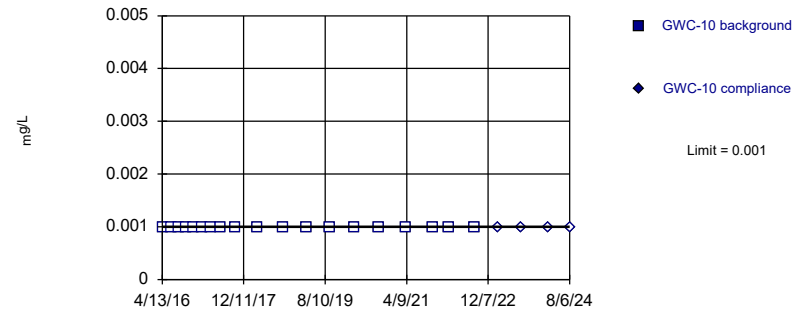


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 89.47% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Lead, Total Analysis Run 9/16/2024 11:55 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

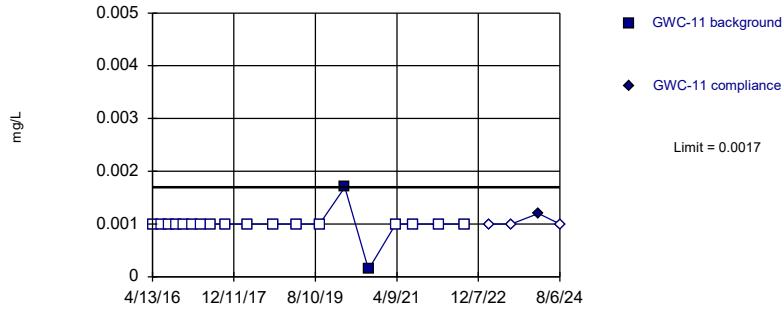


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 19) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Lead, Total Analysis Run 9/16/2024 11:55 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

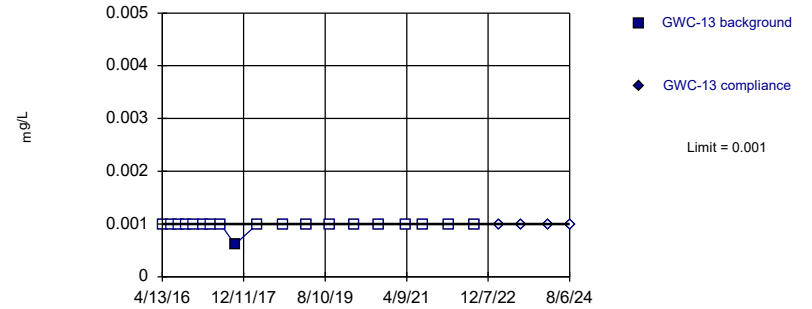


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 89.47% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Lead, Total Analysis Run 9/16/2024 11:55 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

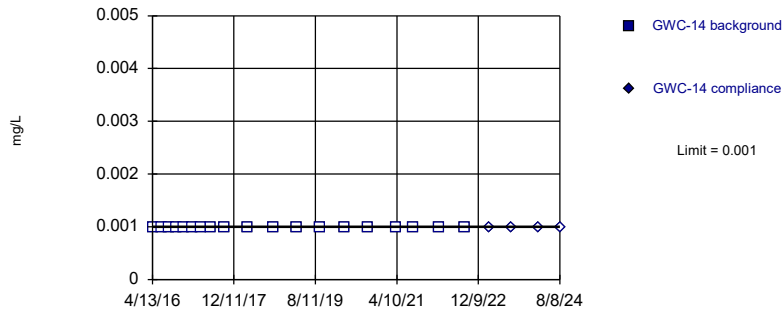


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 94.74% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Lead, Total Analysis Run 9/16/2024 11:55 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

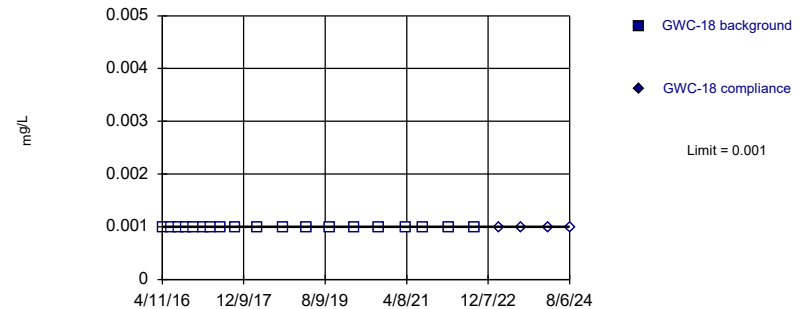


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 19) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Lead, Total Analysis Run 9/16/2024 11:55 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

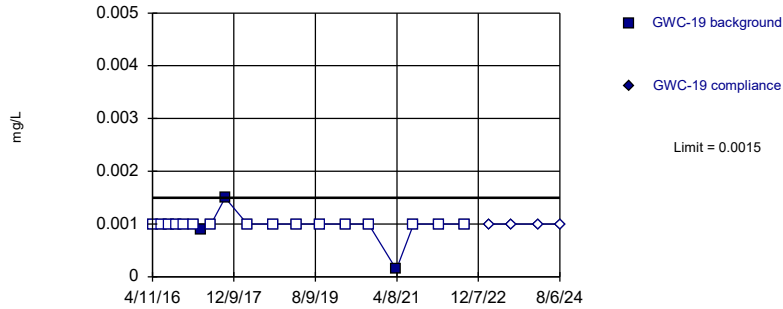


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 19) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Lead, Total Analysis Run 9/16/2024 11:55 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

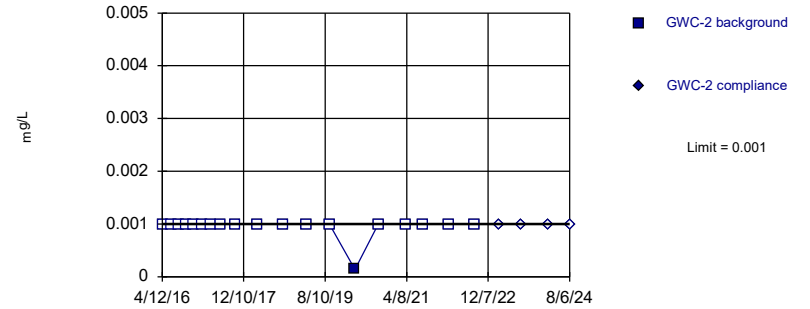


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 84.21% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Lead, Total Analysis Run 9/16/2024 11:55 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

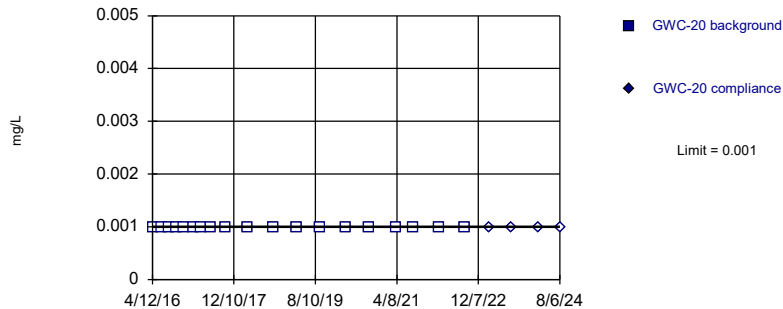


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 94.74% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Lead, Total Analysis Run 9/16/2024 11:55 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

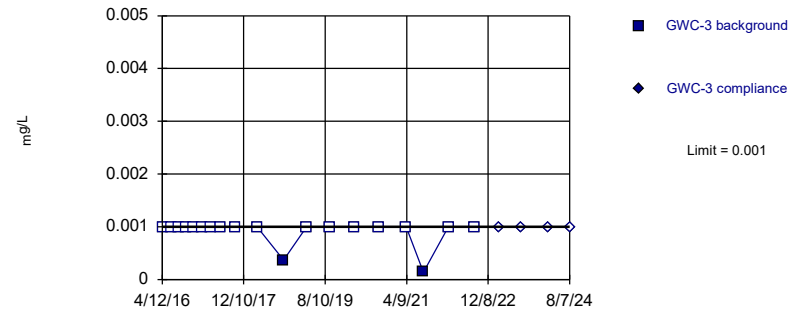


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 19) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Lead, Total Analysis Run 9/16/2024 11:55 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

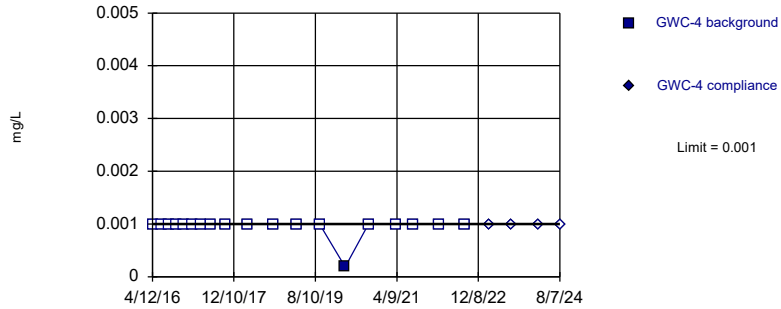


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 89.47% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Lead, Total Analysis Run 9/16/2024 11:55 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

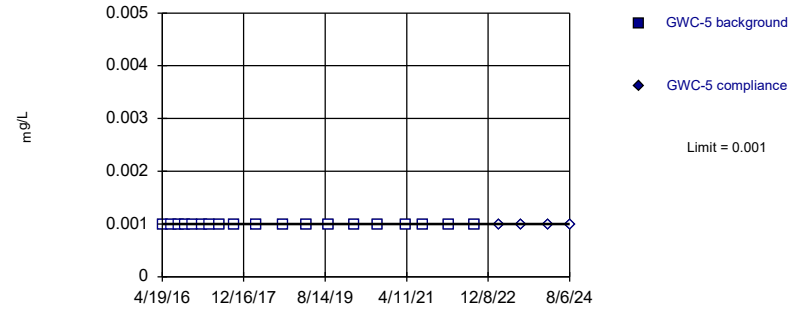


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 94.74% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Lead, Total Analysis Run 9/16/2024 11:55 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

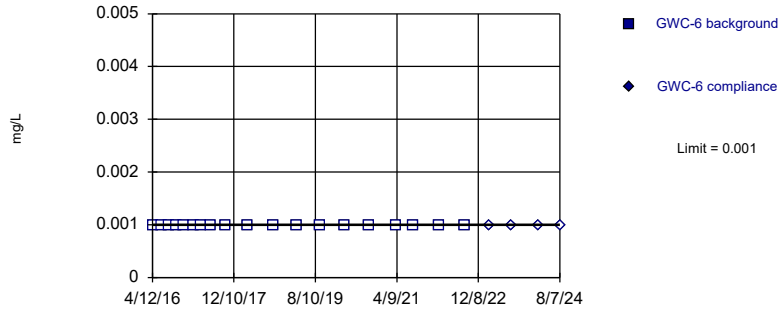


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 19) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Lead, Total Analysis Run 9/16/2024 11:55 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

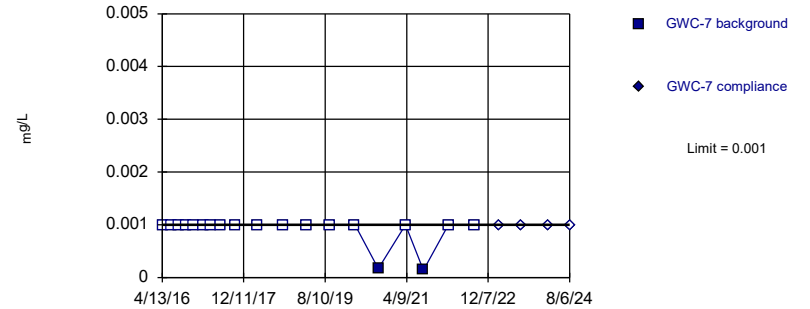


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 19) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Lead, Total Analysis Run 9/16/2024 11:55 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

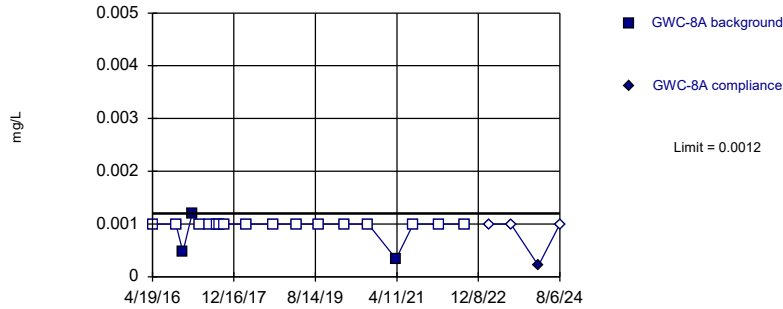


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 89.47% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Lead, Total Analysis Run 9/16/2024 11:55 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

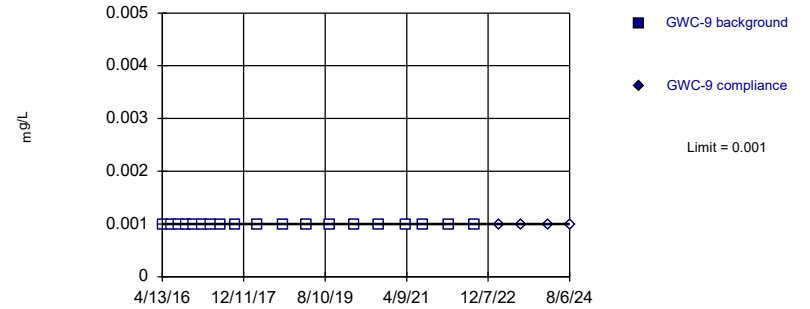


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 84.21% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Lead, Total Analysis Run 9/16/2024 11:55 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

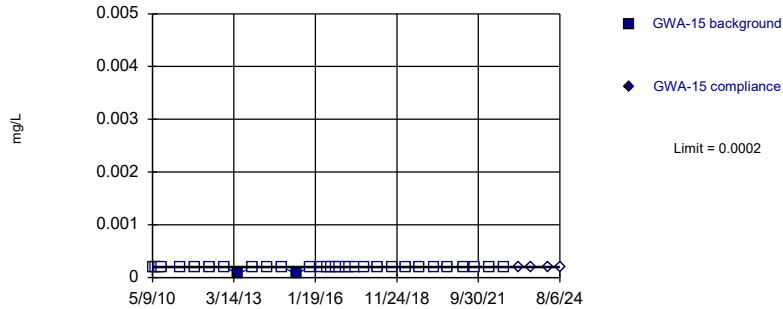


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 19) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Lead, Total Analysis Run 9/16/2024 11:55 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

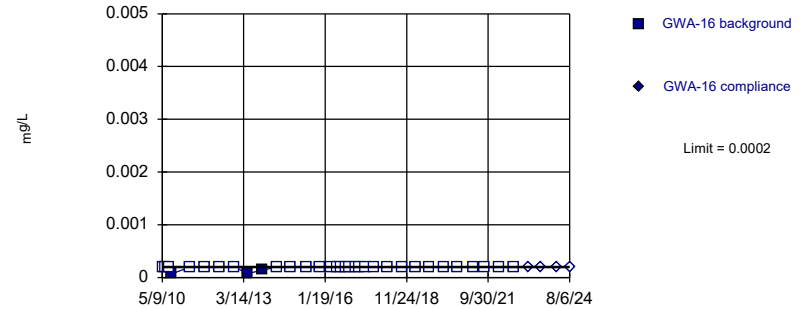


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 93.94% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Mercury Analysis Run 9/16/2024 11:55 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

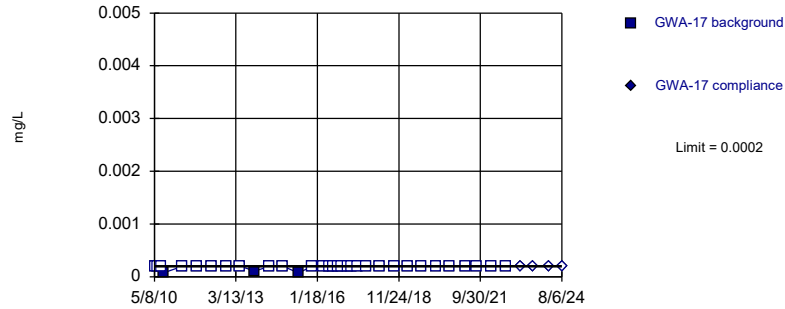


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Mercury Analysis Run 9/16/2024 11:55 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

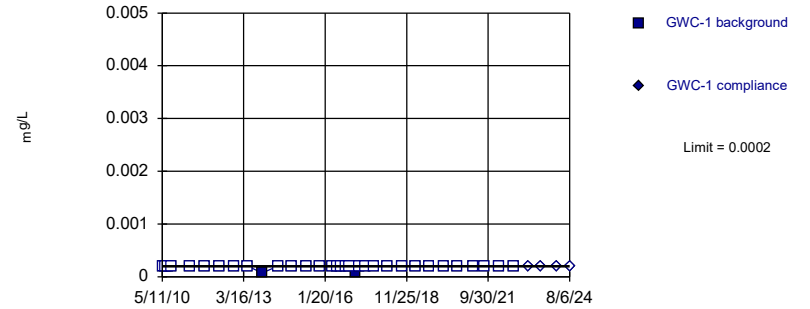


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Mercury Analysis Run 9/16/2024 11:55 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

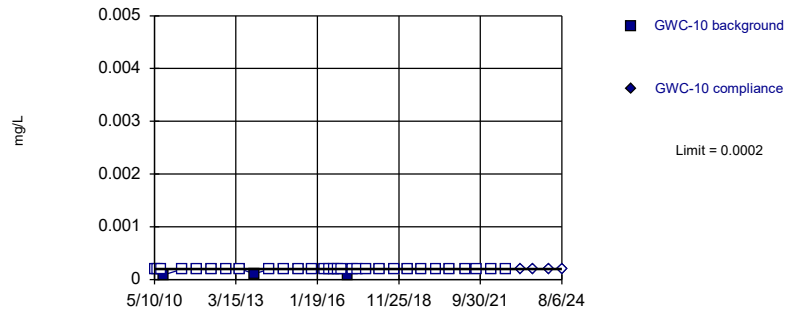


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 93.94% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Mercury Analysis Run 9/16/2024 11:56 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

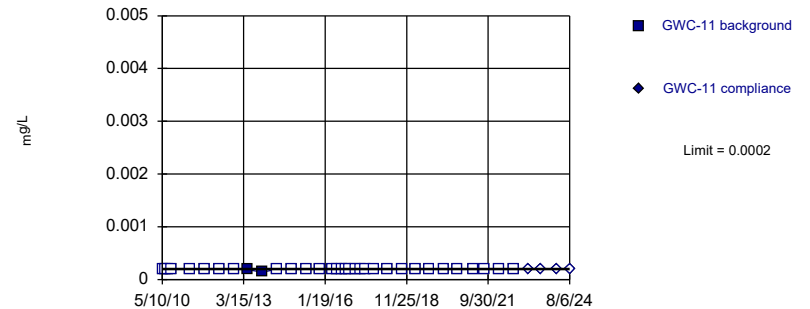


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Mercury Analysis Run 9/16/2024 11:56 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

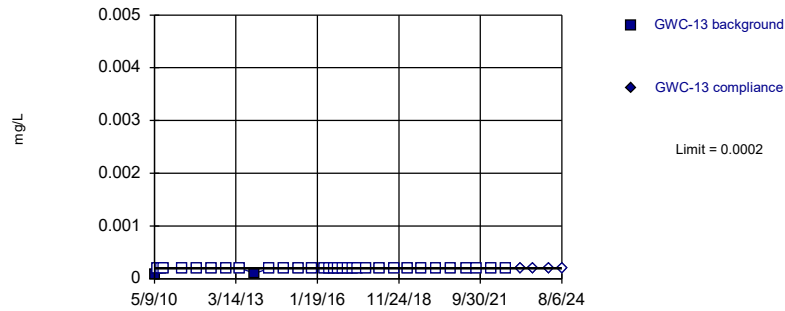


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 93.94% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Mercury Analysis Run 9/16/2024 11:56 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

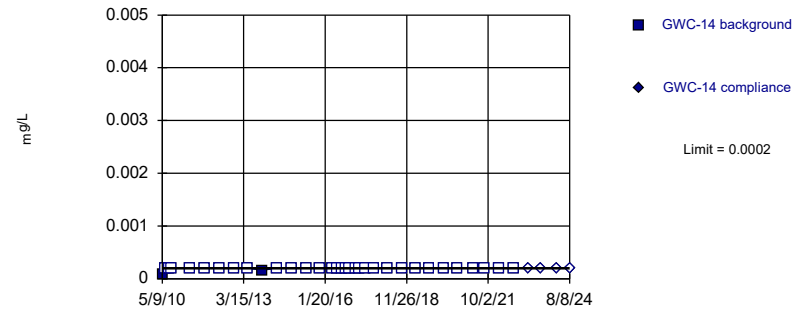


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 93.94% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Mercury Analysis Run 9/16/2024 11:56 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

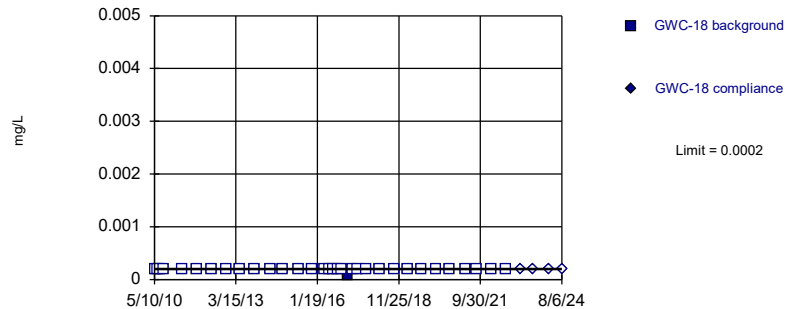


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 93.94% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Mercury Analysis Run 9/16/2024 11:56 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

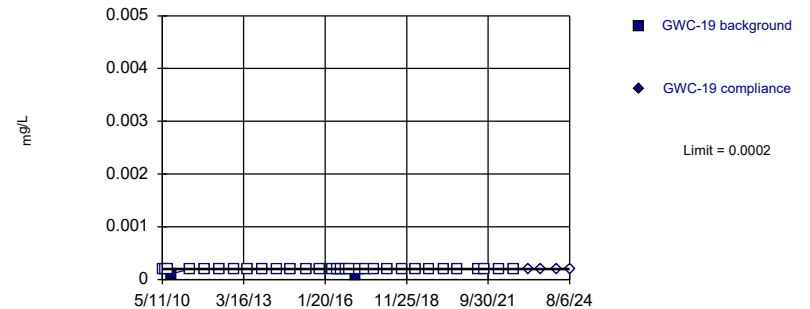


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Mercury Analysis Run 9/16/2024 11:56 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

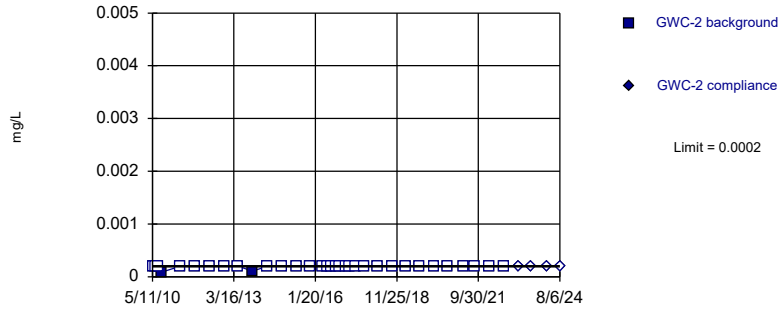


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 93.94% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Mercury Analysis Run 9/16/2024 11:56 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

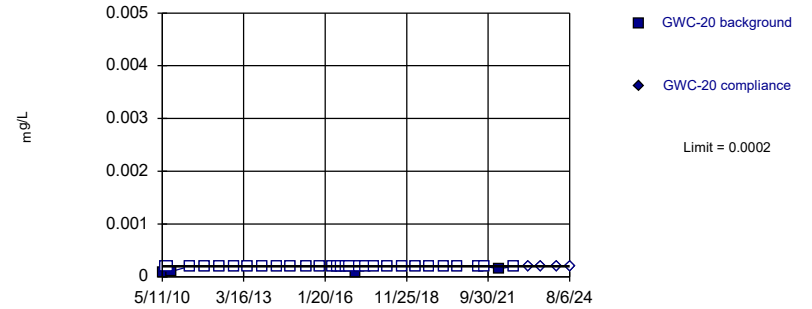


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 93.94% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Mercury Analysis Run 9/16/2024 11:56 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

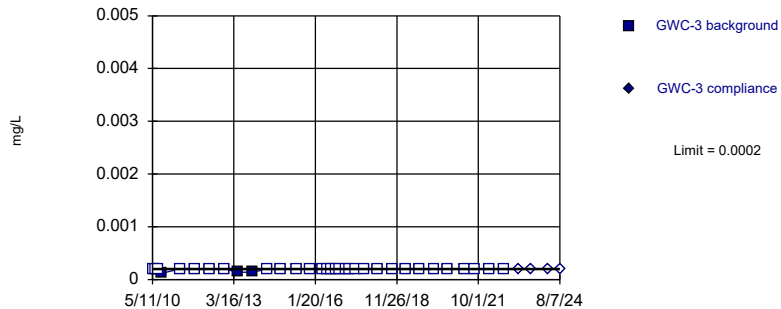


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 87.88% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Mercury Analysis Run 9/16/2024 11:56 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

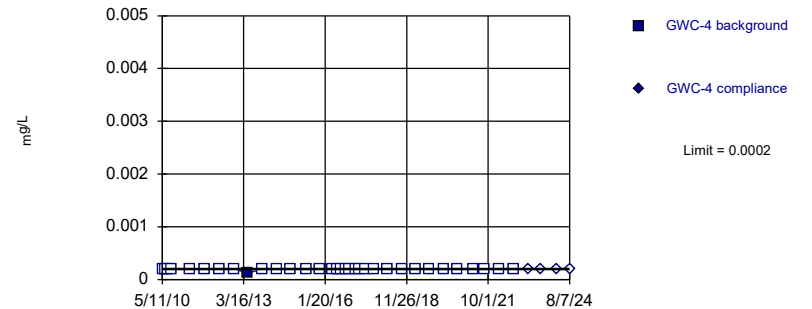


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Mercury Analysis Run 9/16/2024 11:56 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

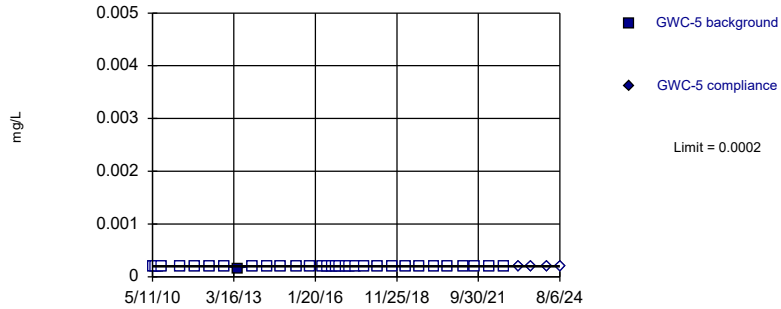


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Mercury Analysis Run 9/16/2024 11:56 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

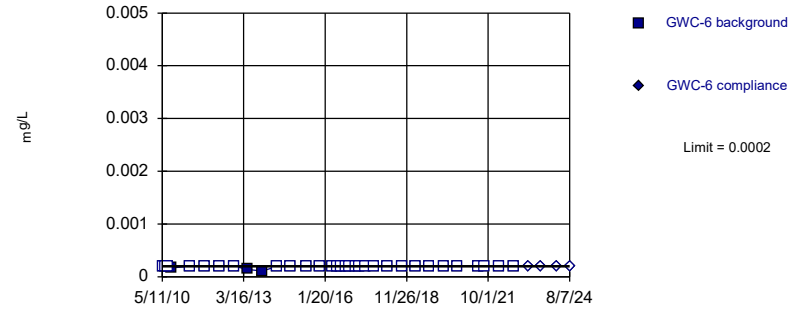


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Mercury Analysis Run 9/16/2024 11:56 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

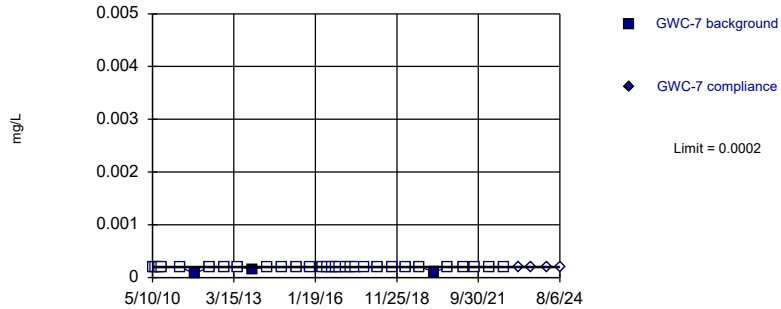


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Mercury Analysis Run 9/16/2024 11:56 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

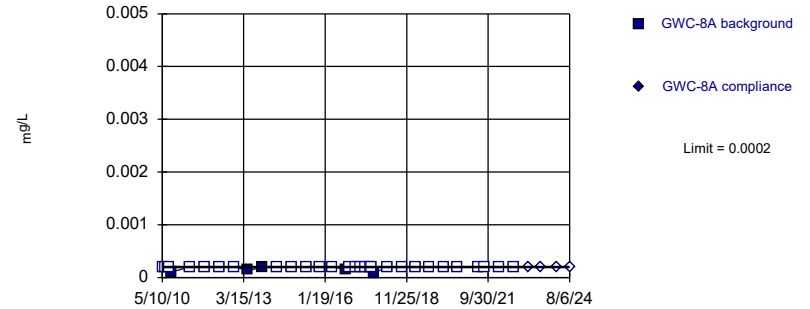


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Mercury Analysis Run 9/16/2024 11:56 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

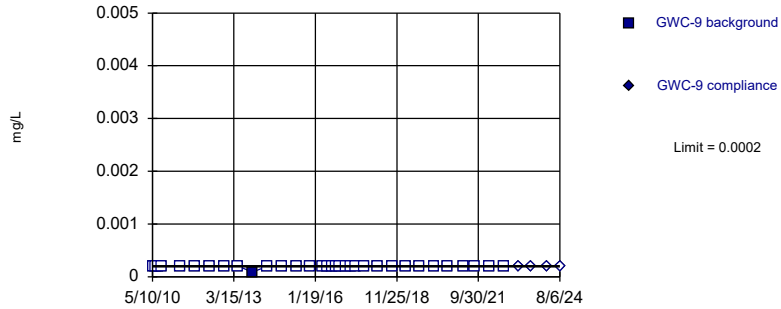


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 84.85% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Mercury Analysis Run 9/16/2024 11:56 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

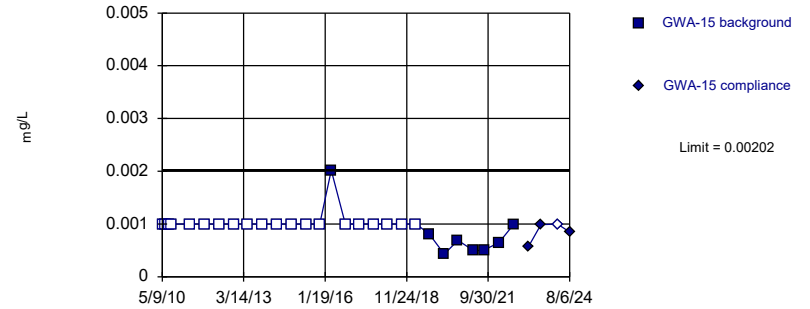


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Mercury Analysis Run 9/16/2024 11:56 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

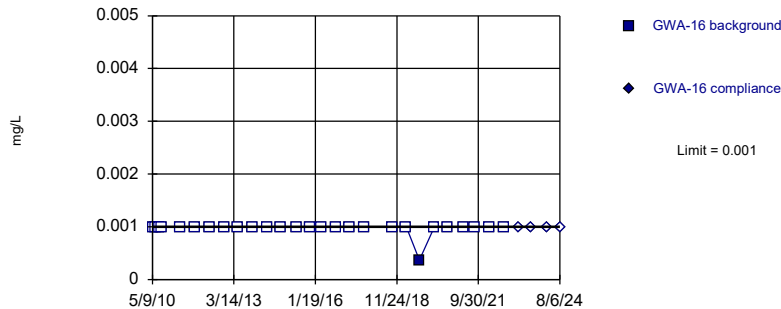


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Nickel Analysis Run 9/16/2024 11:56 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

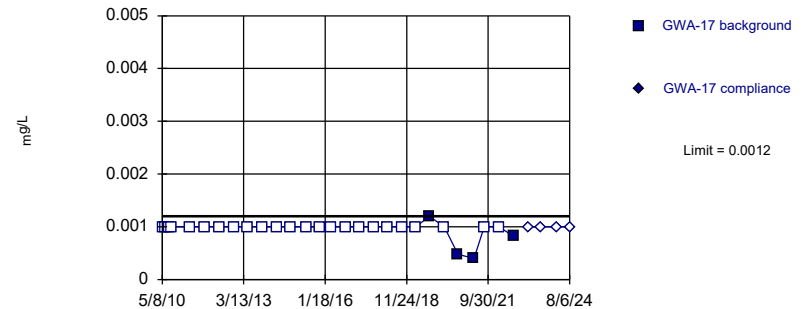


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 96.3% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Nickel Analysis Run 9/16/2024 11:56 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

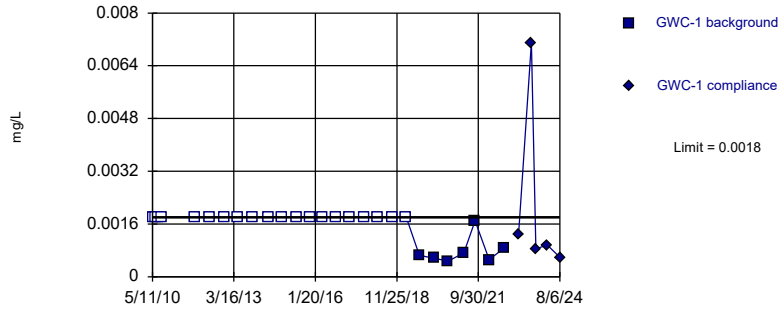


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Nickel Analysis Run 9/16/2024 11:56 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

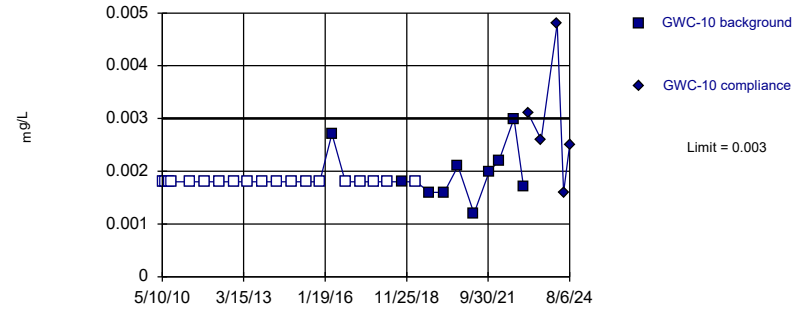


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 74.07% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Nickel Analysis Run 9/16/2024 11:56 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

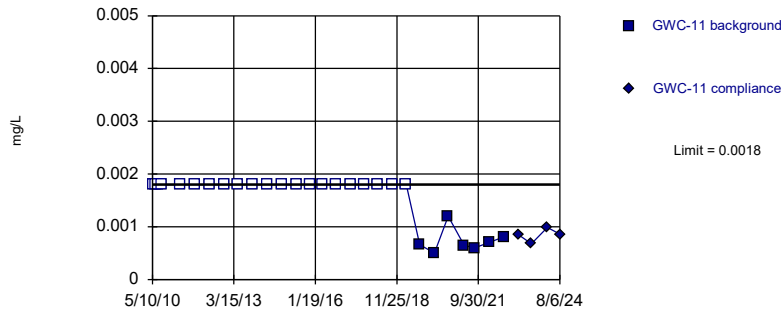


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 65.52% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Nickel Analysis Run 9/16/2024 11:56 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

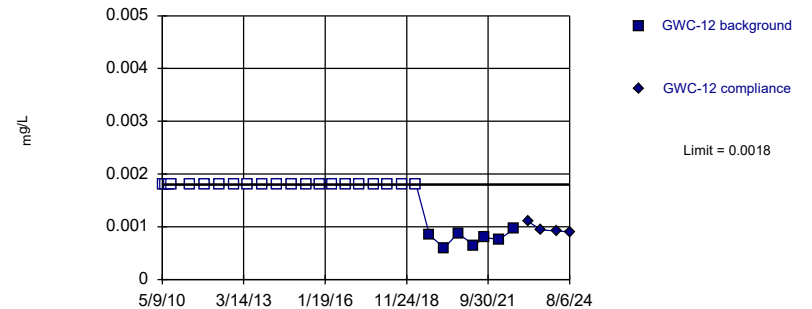


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 75% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Nickel Analysis Run 9/16/2024 11:56 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

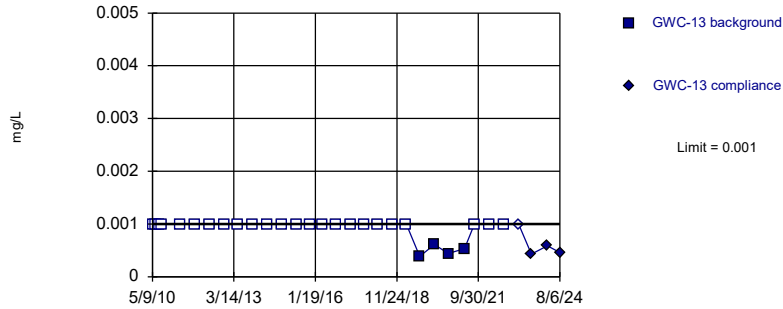


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 75% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Nickel Analysis Run 9/16/2024 11:56 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

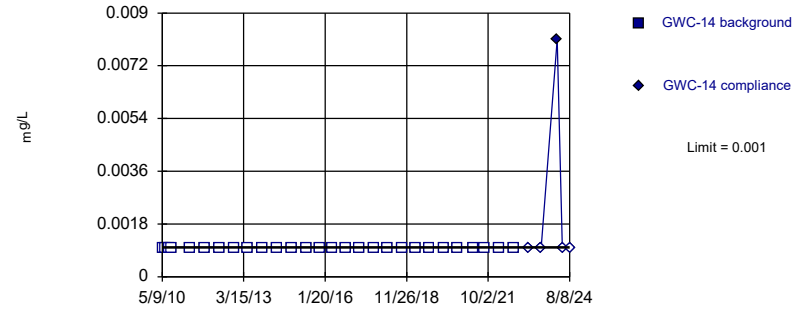


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Nickel Analysis Run 9/16/2024 11:56 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

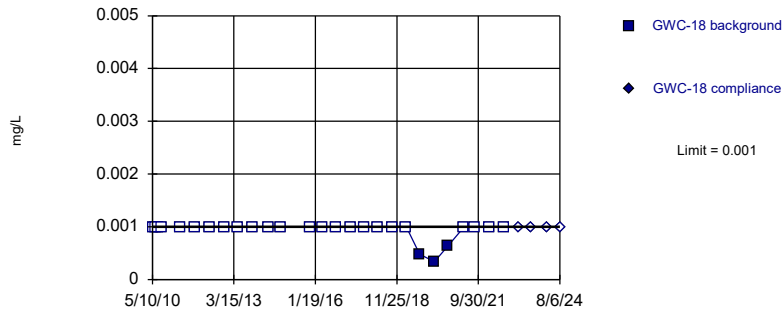


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 28) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Nickel Analysis Run 9/16/2024 11:56 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

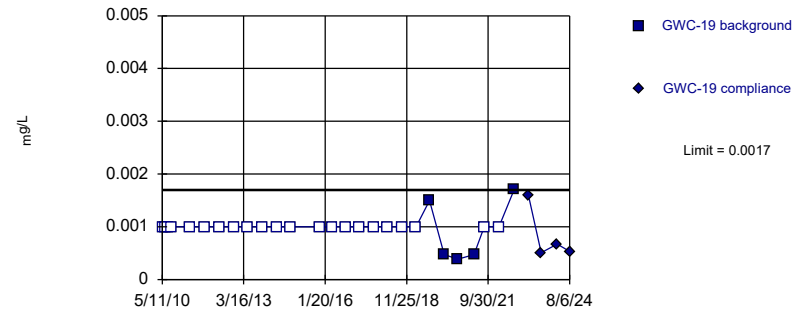


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 88.89% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Nickel Analysis Run 9/16/2024 11:56 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

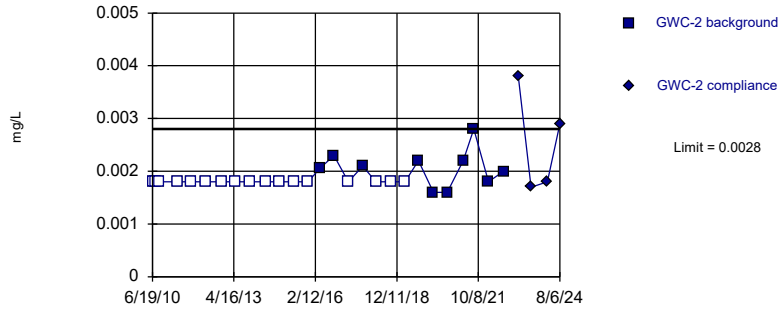


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 81.48% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Nickel Analysis Run 9/16/2024 11:56 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
 Hollow symbols indicate censored values.
 Exceeds Limit

Prediction Limit
 Intrawell Non-parametric

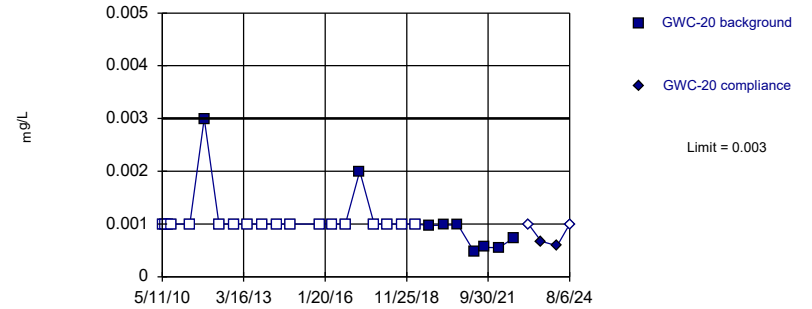


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 62.96% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Nickel Analysis Run 9/16/2024 11:56 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

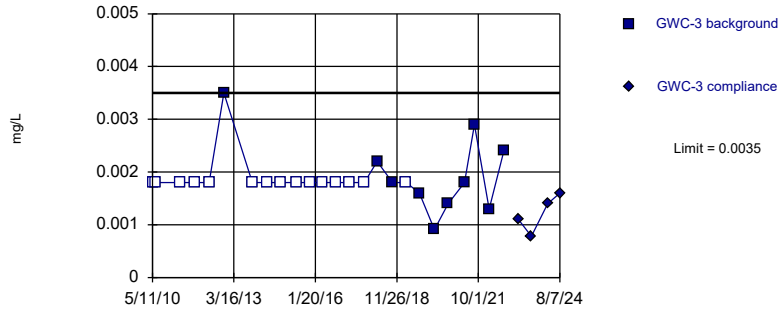


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Nickel Analysis Run 9/16/2024 11:56 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

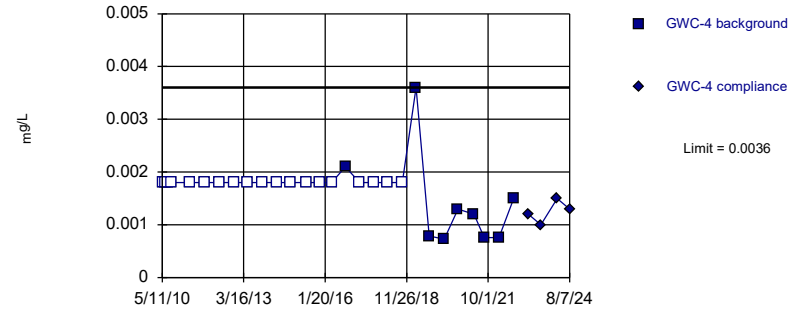


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 60% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

Constituent: Nickel Analysis Run 9/16/2024 11:56 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

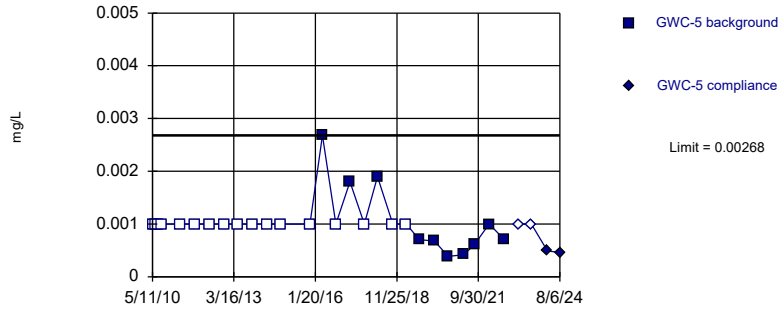


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 67.86% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Nickel Analysis Run 9/16/2024 11:56 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

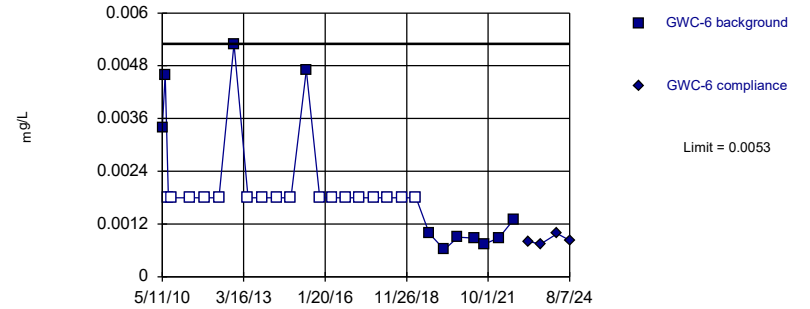


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 62.96% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Nickel Analysis Run 9/16/2024 11:56 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

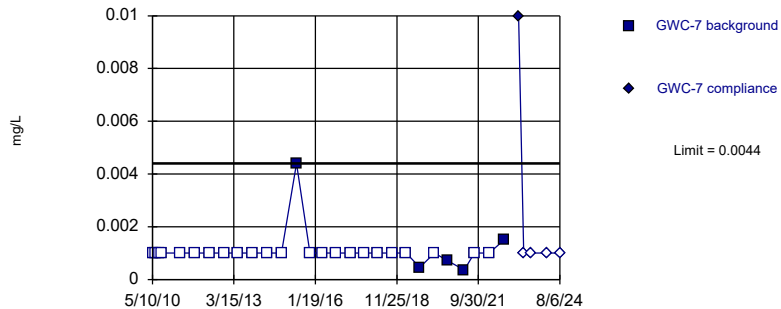


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 60.71% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Nickel Analysis Run 9/16/2024 11:56 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

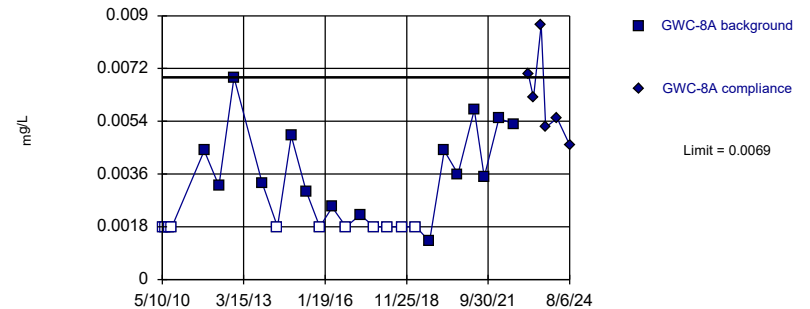


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 82.14% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Nickel Analysis Run 9/16/2024 11:56 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

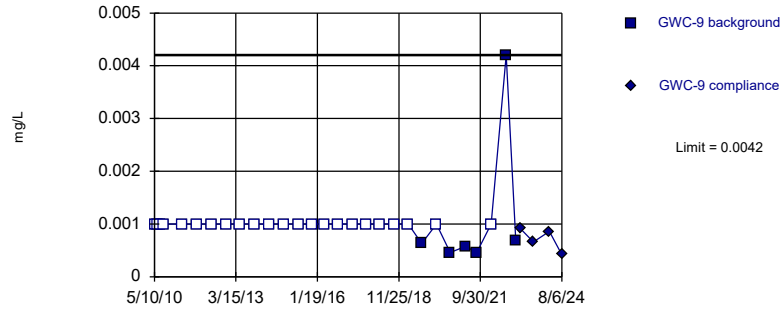


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 26 background values. 42.31% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Nickel Analysis Run 9/16/2024 11:56 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

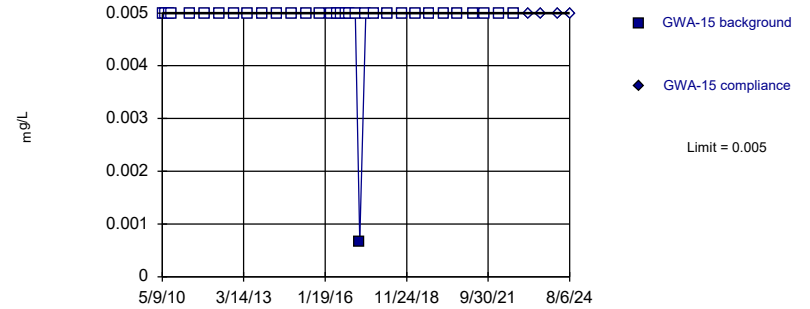


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 79.31% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Nickel Analysis Run 9/16/2024 11:56 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

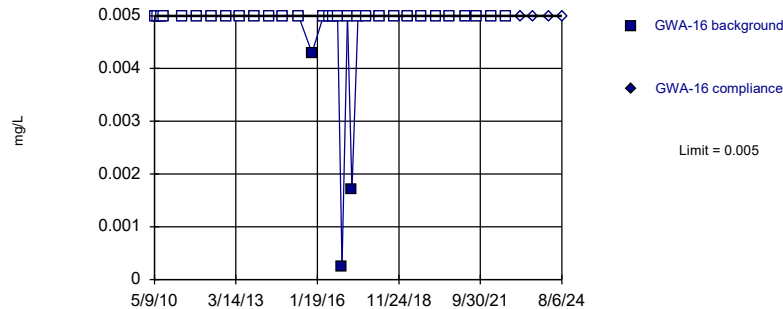


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Selenium, Total Analysis Run 9/16/2024 11:56 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

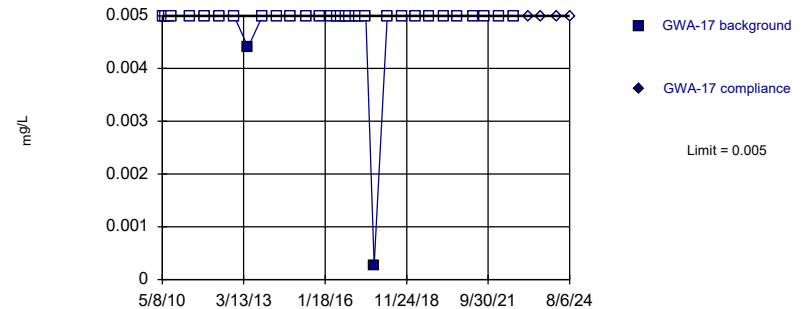


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Selenium, Total Analysis Run 9/16/2024 11:56 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

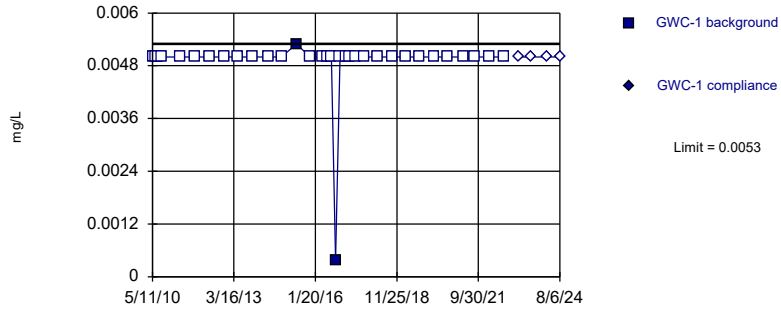


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 93.94% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Selenium, Total Analysis Run 9/16/2024 11:56 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

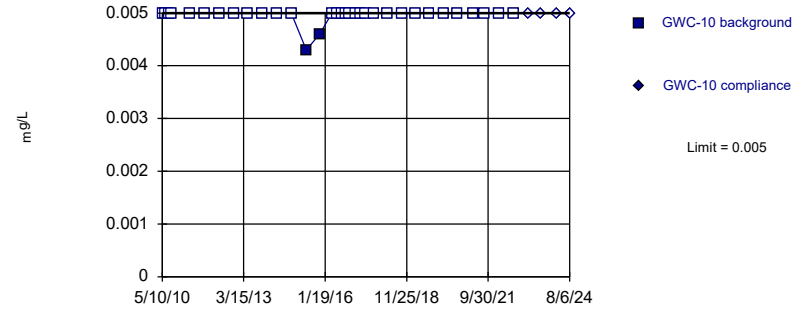


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 93.94% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Selenium, Total Analysis Run 9/16/2024 11:56 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

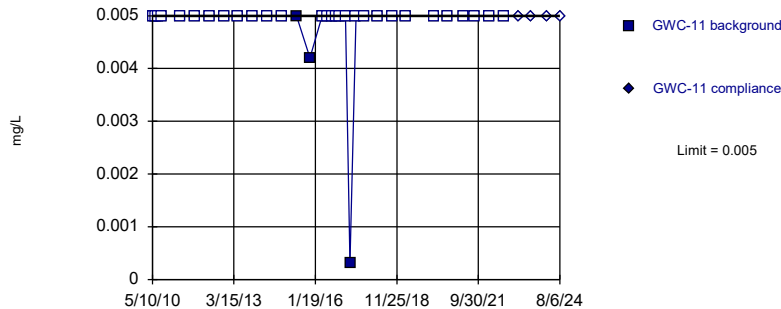


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 93.94% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Selenium, Total Analysis Run 9/16/2024 11:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

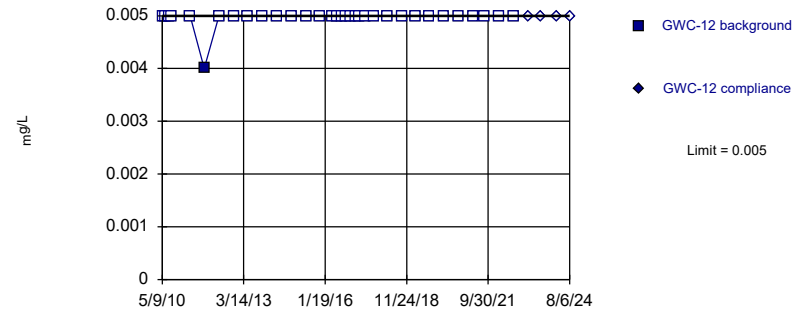


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 90.63% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Selenium, Total Analysis Run 9/16/2024 11:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

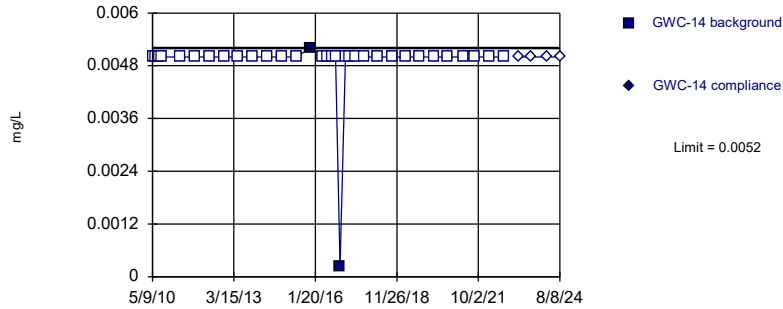


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Selenium, Total Analysis Run 9/16/2024 11:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

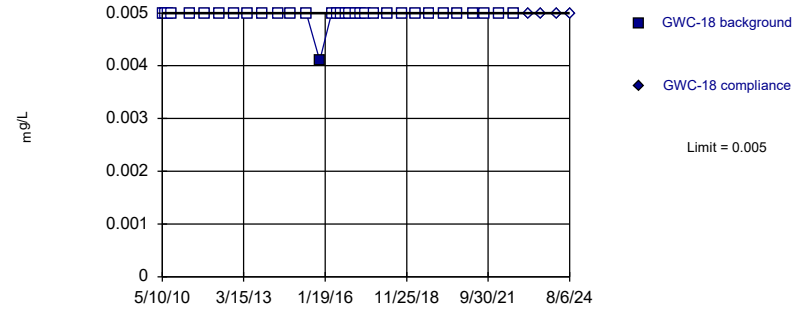


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 93.94% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Selenium, Total Analysis Run 9/16/2024 11:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

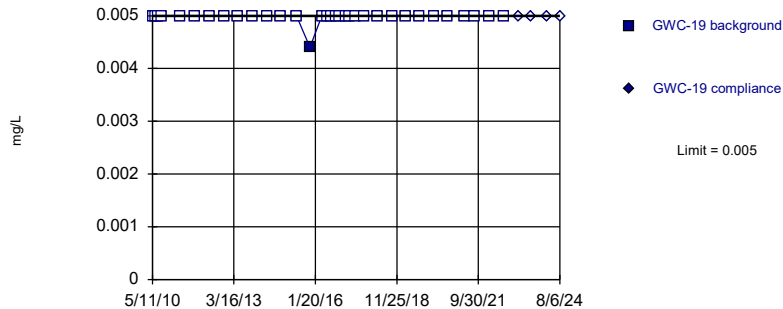


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Selenium, Total Analysis Run 9/16/2024 11:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

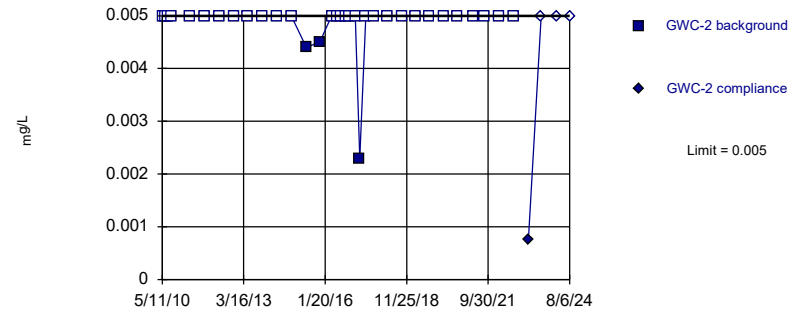


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Selenium, Total Analysis Run 9/16/2024 11:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

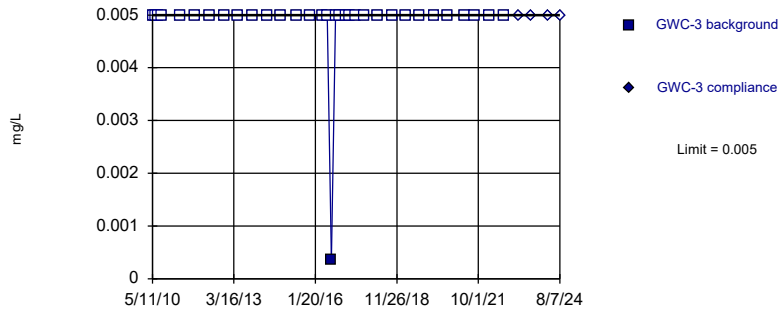


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Selenium, Total Analysis Run 9/16/2024 11:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

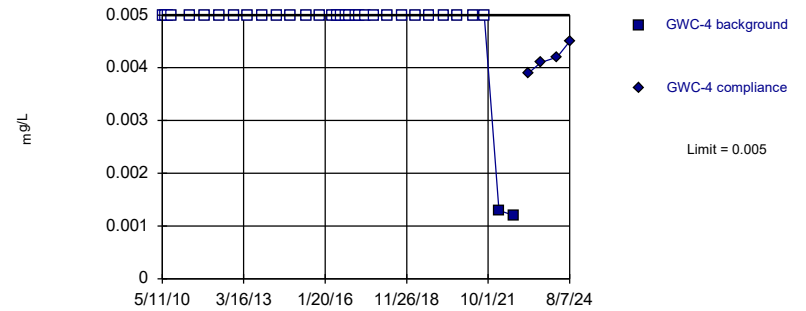


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Selenium, Total Analysis Run 9/16/2024 11:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

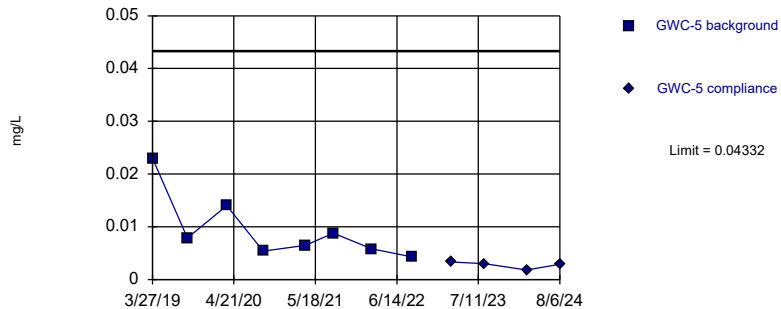


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 93.94% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Selenium, Total Analysis Run 9/16/2024 11:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

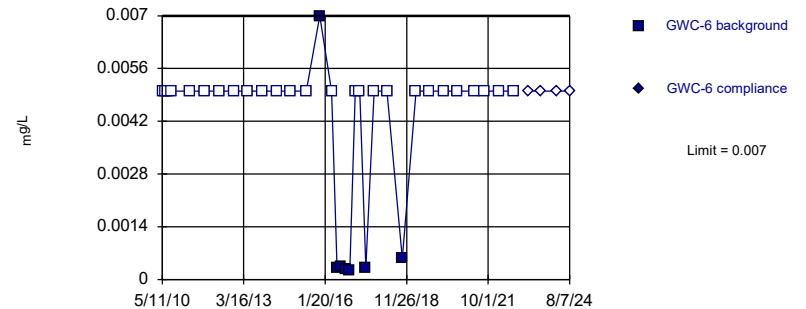


Background Data Summary (based on square root transformation): Mean=0.09356, Std. Dev.=0.02845, n=8. Normality test: Shapiro Wilk @alpha = 0.1, calculated = 0.8603, critical = 0.851. Kappa = 4.027 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Selenium, Total Analysis Run 9/16/2024 11:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

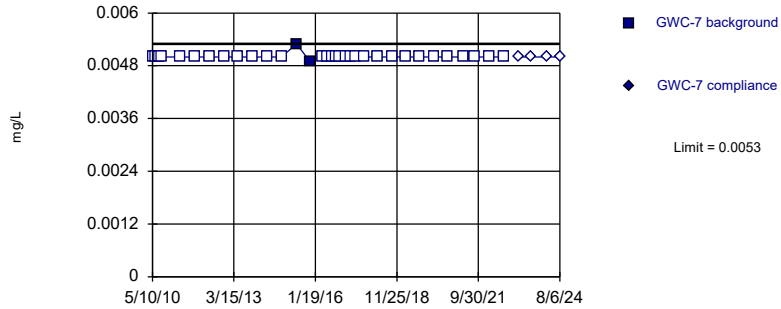


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 78.79% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Selenium, Total Analysis Run 9/16/2024 11:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

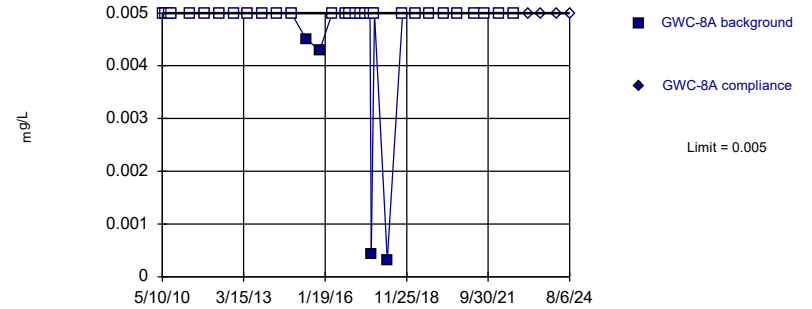


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 93.94% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Selenium, Total Analysis Run 9/16/2024 11:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

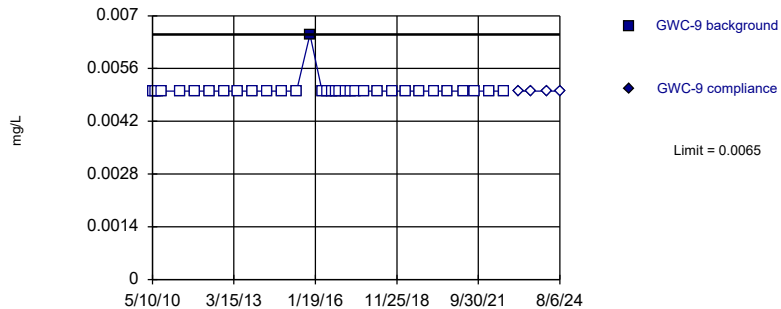


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 87.88% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Selenium, Total Analysis Run 9/16/2024 11:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

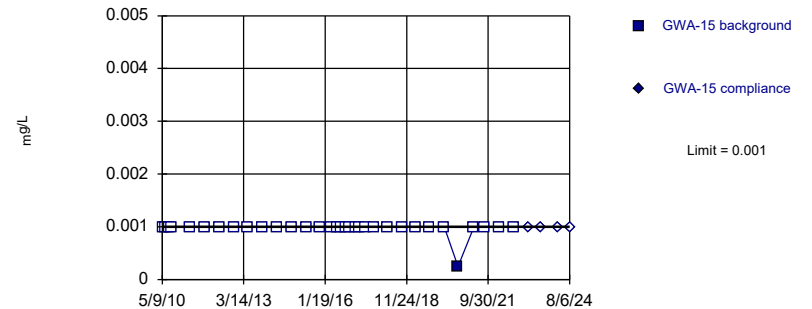


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Selenium, Total Analysis Run 9/16/2024 11:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

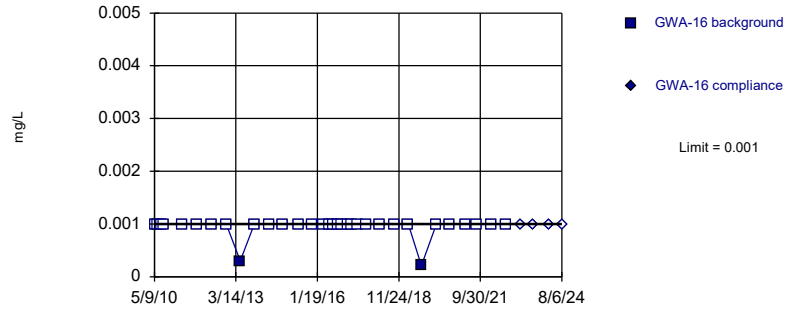


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Thallium, Total Analysis Run 9/16/2024 11:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

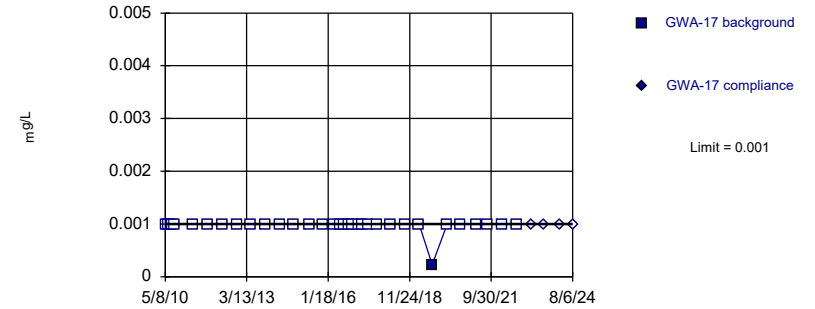


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 93.94% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Thallium, Total Analysis Run 9/16/2024 11:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

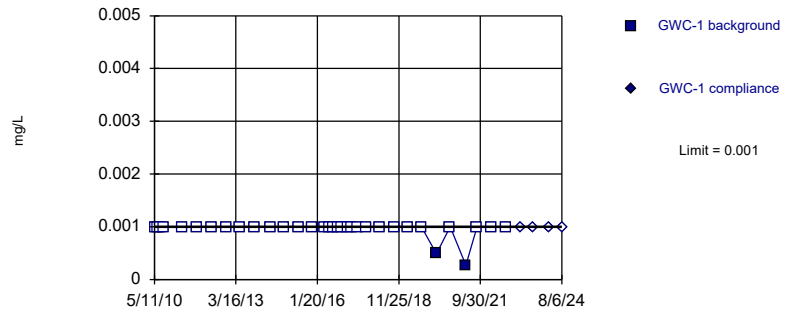


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Thallium, Total Analysis Run 9/16/2024 11:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

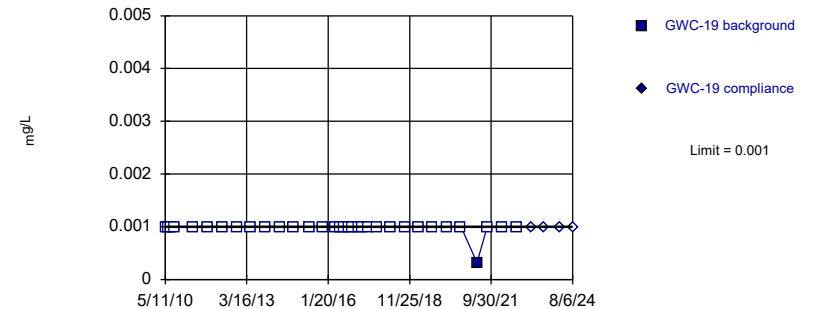


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 93.94% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Thallium, Total Analysis Run 9/16/2024 11:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

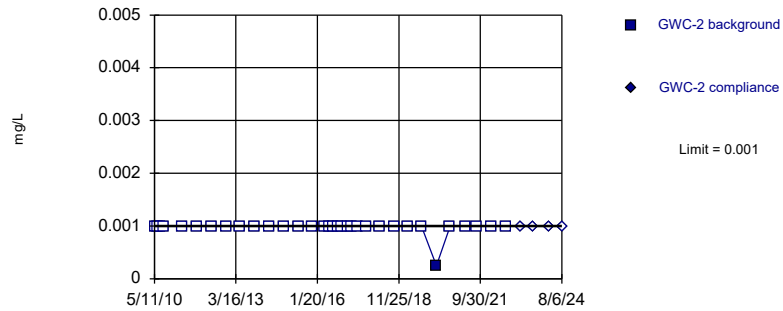


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Thallium, Total Analysis Run 9/16/2024 11:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

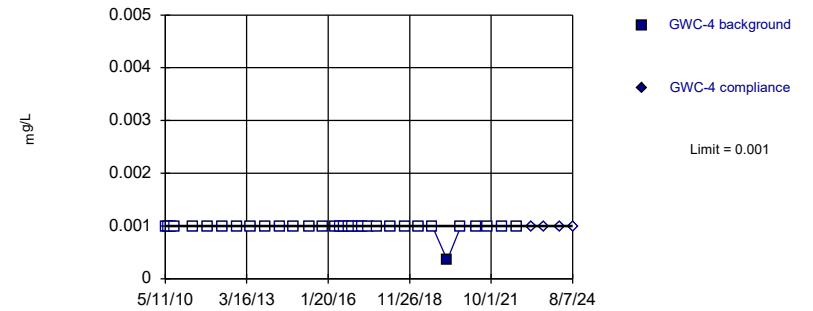


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Thallium, Total Analysis Run 9/16/2024 11:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

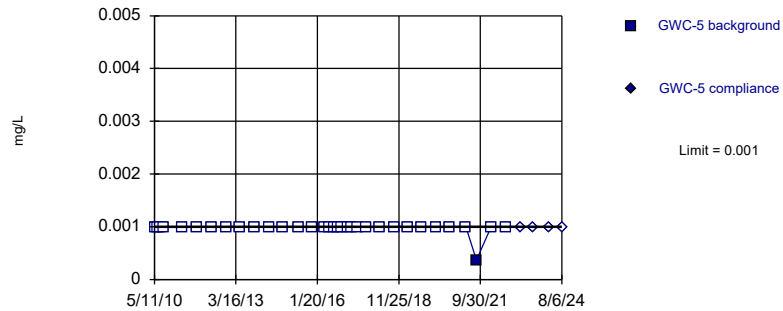


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Thallium, Total Analysis Run 9/16/2024 11:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

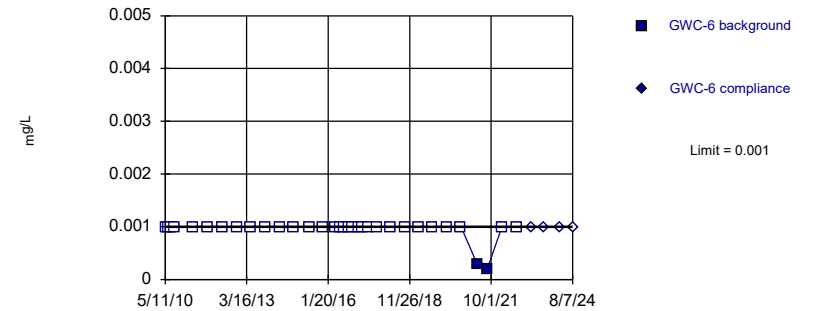


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Thallium, Total Analysis Run 9/16/2024 11:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

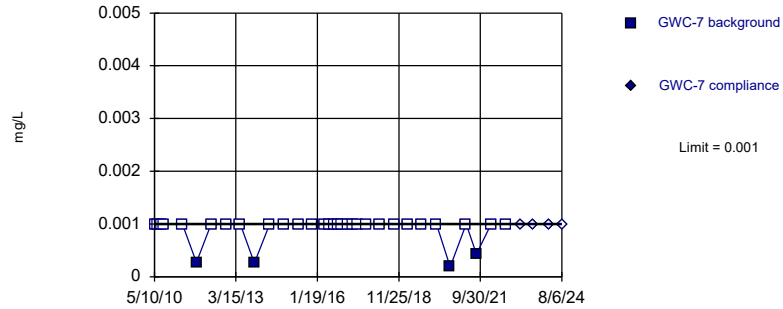


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 93.94% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Thallium, Total Analysis Run 9/16/2024 11:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

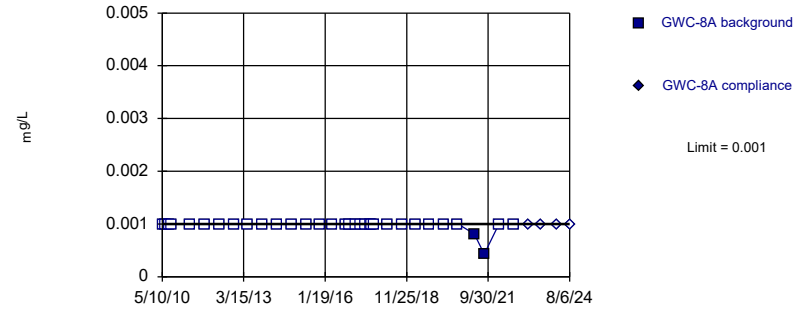


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 87.88% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Thallium, Total Analysis Run 9/16/2024 11:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

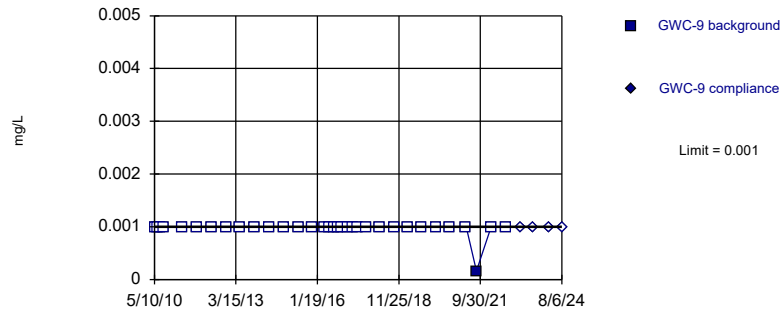


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 93.94% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Thallium, Total Analysis Run 9/16/2024 11:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

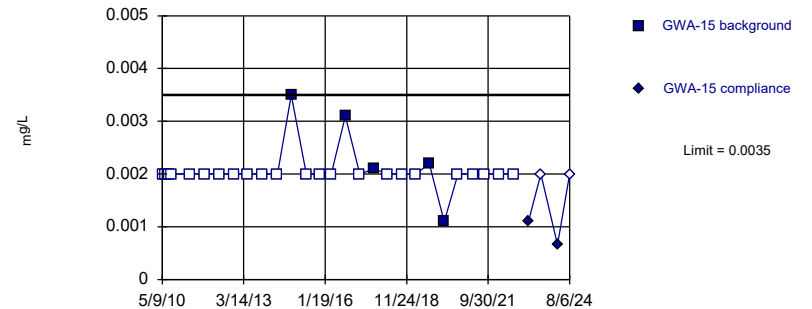


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Thallium, Total Analysis Run 9/16/2024 11:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

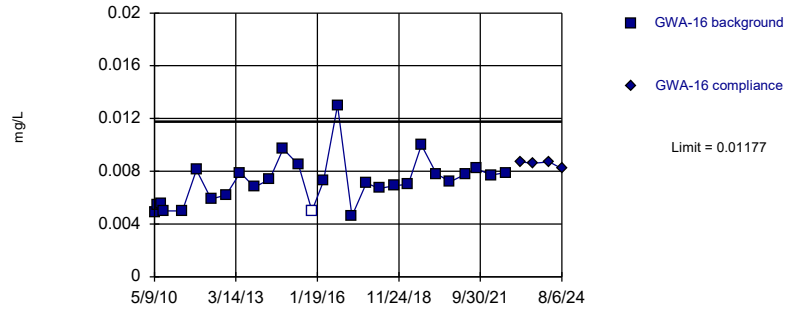


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 82.14% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Vanadium Analysis Run 9/16/2024 11:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

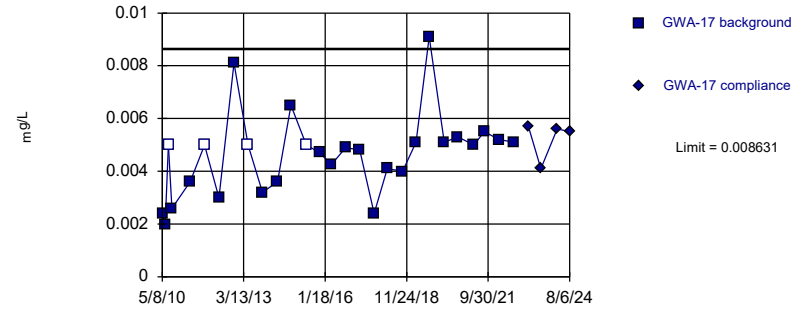


Background Data Summary: Mean=0.007159, Std. Dev.=0.001817, n=28, 3.571% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9098, critical = 0.896. Kappa = 2.539 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 9/16/2024 11:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

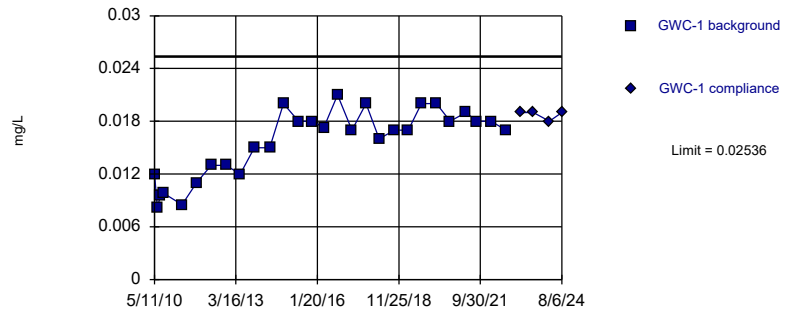


Background Data Summary: Mean=0.004626, Std. Dev.=0.001577, n=28, 14.29% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9059, critical = 0.896. Kappa = 2.539 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 9/16/2024 11:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

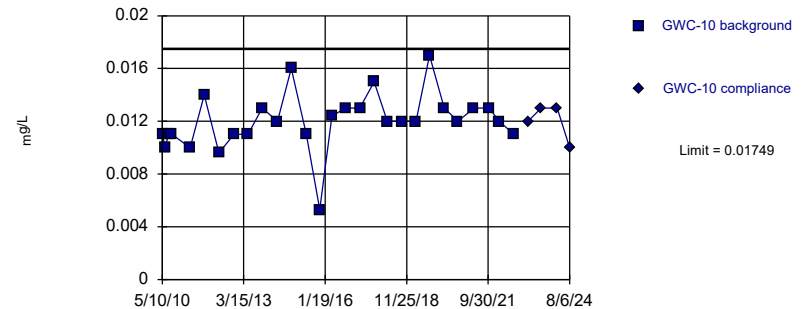


Background Data Summary: Mean=0.01566, Std. Dev.=0.003819, n=28. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9099, critical = 0.896. Kappa = 2.539 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 9/16/2024 11:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=0.01201, Std. Dev.=0.002159, n=28. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9143, critical = 0.896. Kappa = 2.539 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

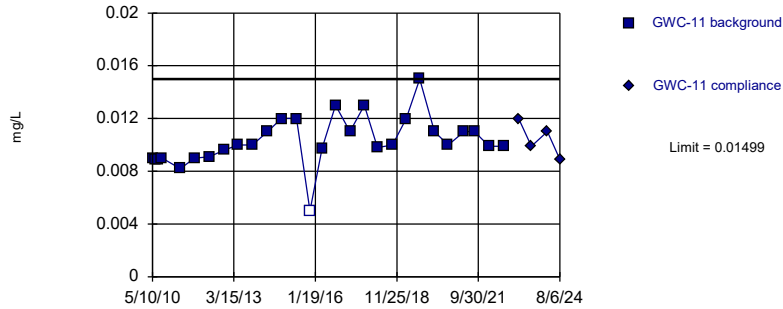
Constituent: Vanadium Analysis Run 9/16/2024 11:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.01029, Std. Dev.=0.00185, n=28, 3.571% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9363, critical = 0.896. Kappa = 2.539 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

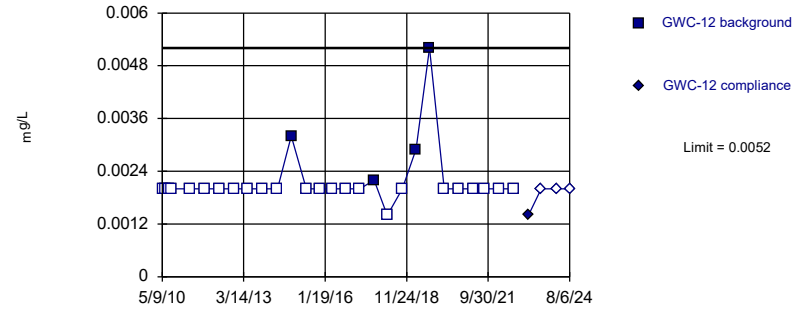
Constituent: Vanadium Analysis Run 9/16/2024 11:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

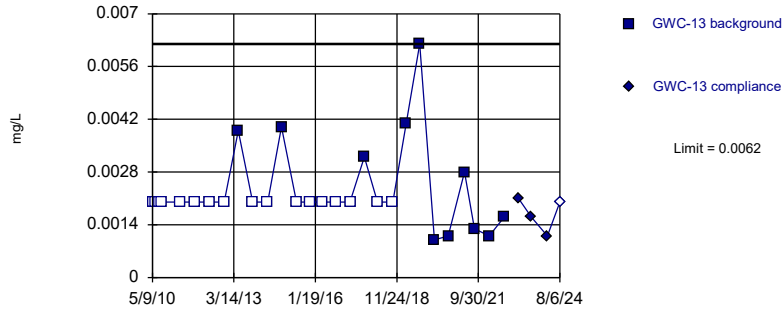
Constituent: Vanadium Analysis Run 9/16/2024 11:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 60.71% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

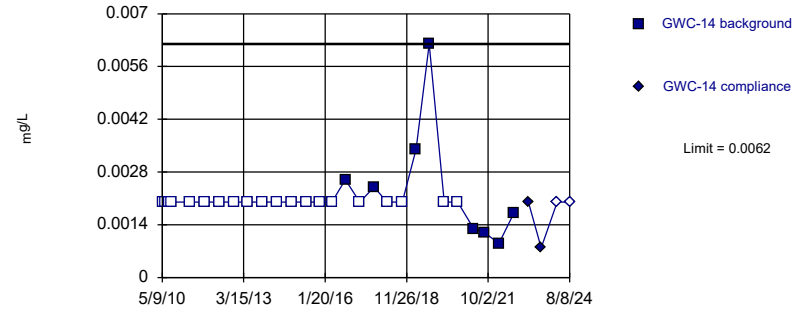
Constituent: Vanadium Analysis Run 9/16/2024 11:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



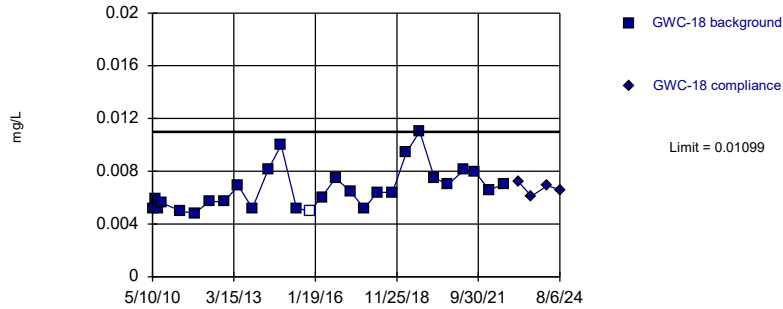
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Vanadium Analysis Run 9/16/2024 11:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit

Intrawell Parametric



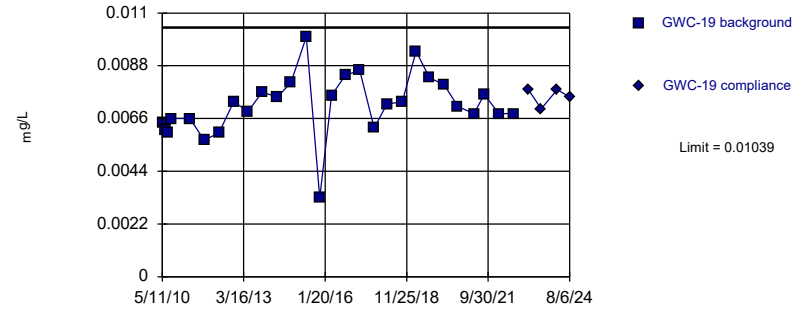
Background Data Summary (based on square root transformation): Mean=0.08101, Std. Dev.=0.009376, n=28, 3.571% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.914, critical = 0.896. Kappa = 2.539 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 9/16/2024 11:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit

Intrawell Parametric



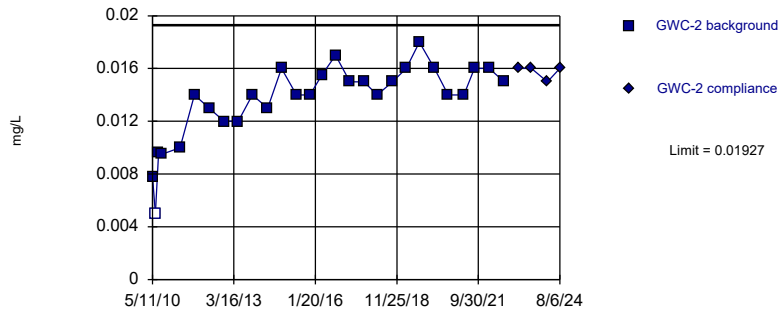
Background Data Summary: Mean=0.007152, Std. Dev.=0.001274, n=28. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.954, critical = 0.896. Kappa = 2.539 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 9/16/2024 11:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit

Intrawell Parametric



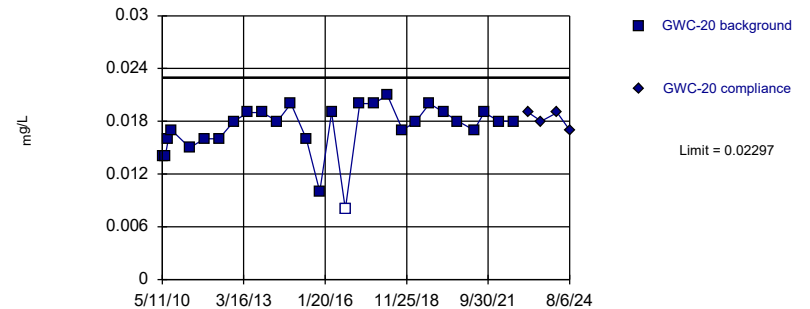
Background Data Summary (based on square transformation): Mean=0.0001928, Std. Dev.=0.00007035, n=28, 3.571% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9467, critical = 0.896. Kappa = 2.539 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 9/16/2024 11:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit

Intrawell Parametric

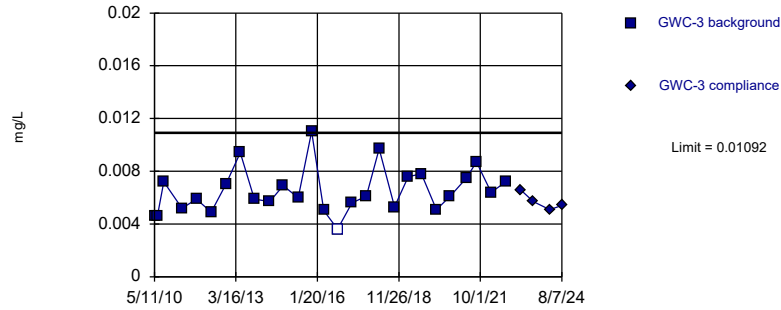


Background Data Summary (based on square transformation): Mean=0.0003022, Std. Dev.=0.00008879, n=28, 3.571% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9229, critical = 0.896. Kappa = 2.539 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 9/16/2024 11:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Santas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Parametric

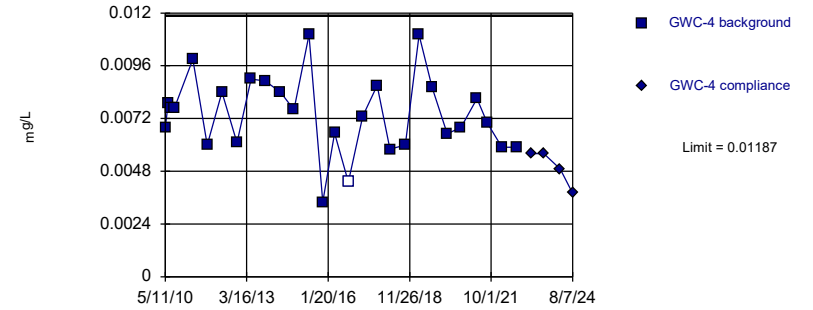


Background Data Summary: Mean=0.00652, Std. Dev.=0.001723, n=27, 3.704% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9459, critical = 0.894. Kappa = 2.555 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 9/16/2024 11:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Santas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Parametric

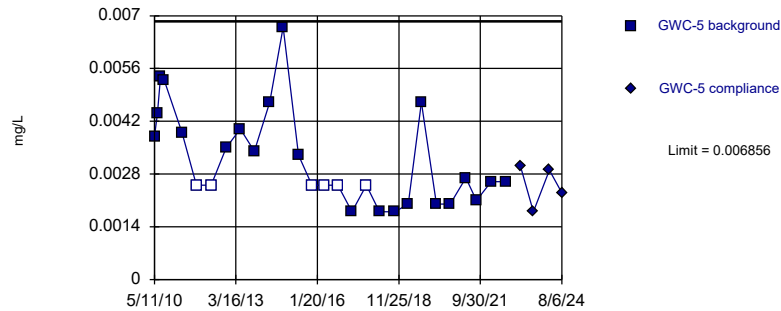


Background Data Summary: Mean=0.007401, Std. Dev.=0.001762, n=28, 3.571% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9736, critical = 0.896. Kappa = 2.539 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 9/16/2024 11:58 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Santas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Parametric

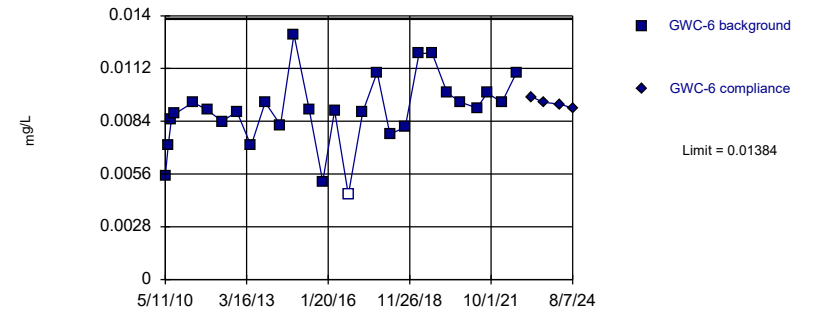


Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=0.05297, Std. Dev.=0.01175, n=28, 21.43% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9136, critical = 0.896. Kappa = 2.539 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 9/16/2024 11:58 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Santas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=0.008906, Std. Dev.=0.001944, n=28, 3.571% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9533, critical = 0.896. Kappa = 2.539 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

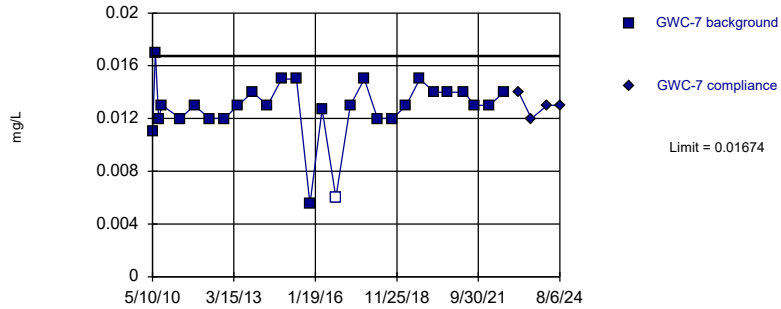
Constituent: Vanadium Analysis Run 9/16/2024 11:58 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on cube transformation): Mean=0.00000228, Std. Dev.=9.5e-7, n=28, 3.571% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9239, critical = 0.896. Kappa = 2.539 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

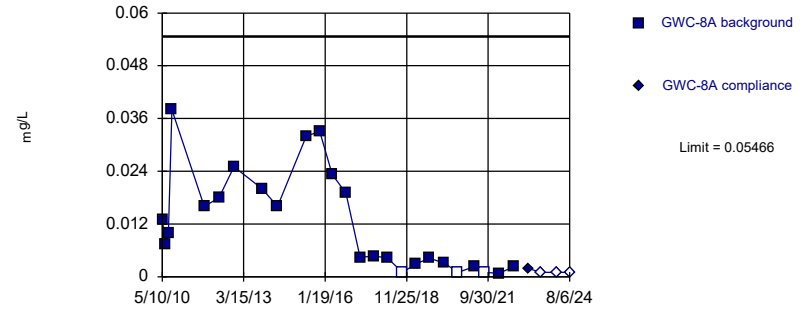
Constituent: Vanadium Analysis Run 9/16/2024 11:58 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=0.09712, Std. Dev.=0.05288, n=25, 12% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9208, critical = 0.888. Kappa = 2.585 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

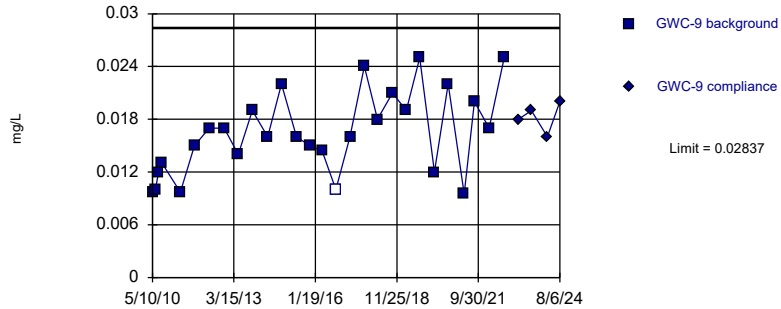
Constituent: Vanadium Analysis Run 9/16/2024 11:58 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.01637, Std. Dev.=0.004727, n=28, 3.571% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9477, critical = 0.896. Kappa = 2.539 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

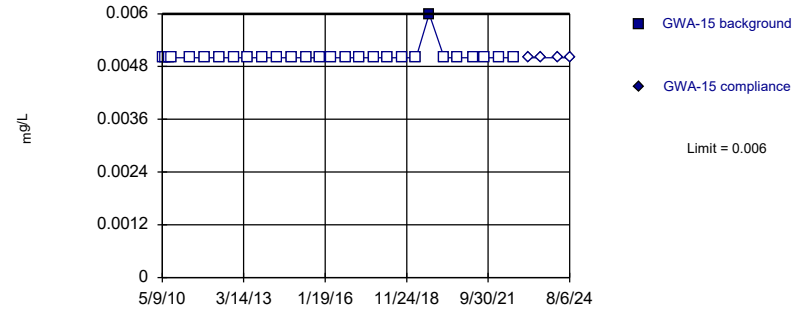
Constituent: Vanadium Analysis Run 9/16/2024 11:58 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

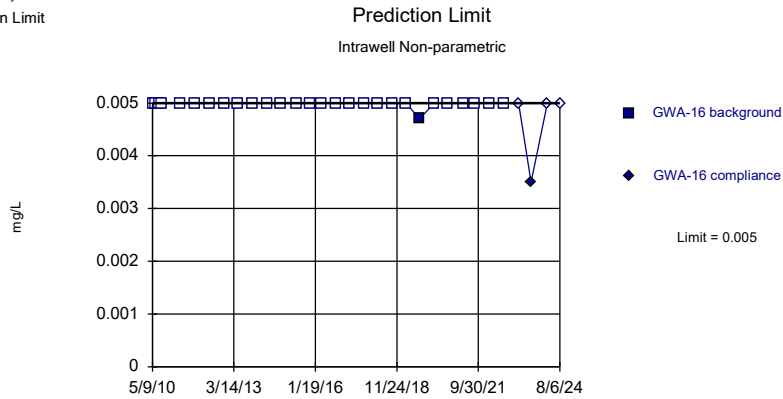
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Zinc Analysis Run 9/16/2024 11:58 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

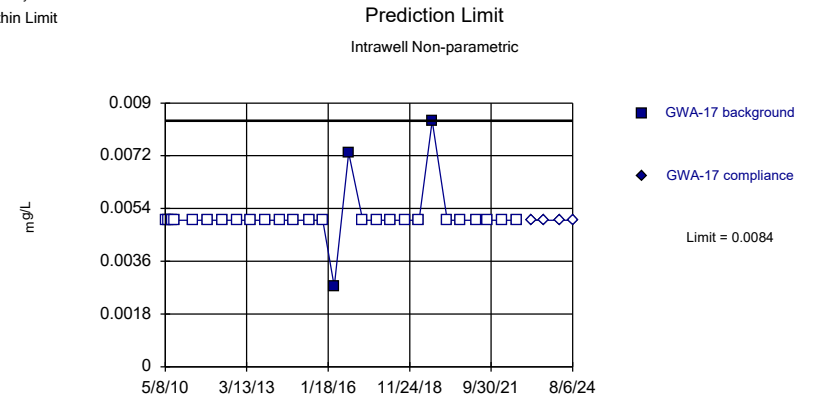
Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Zinc Analysis Run 9/16/2024 11:58 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

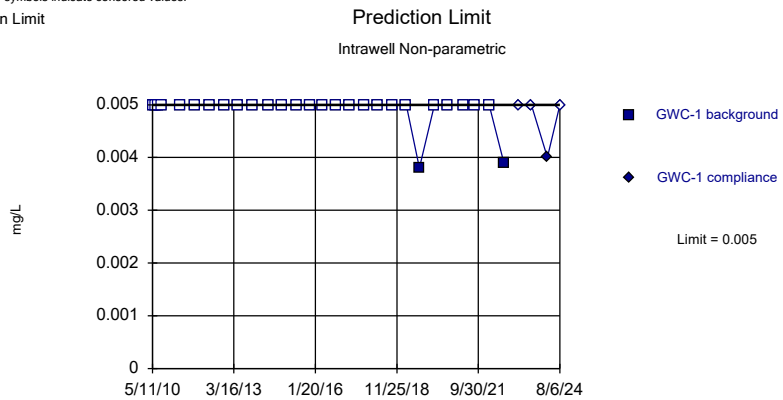
Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 89.29% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Zinc Analysis Run 9/16/2024 11:58 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

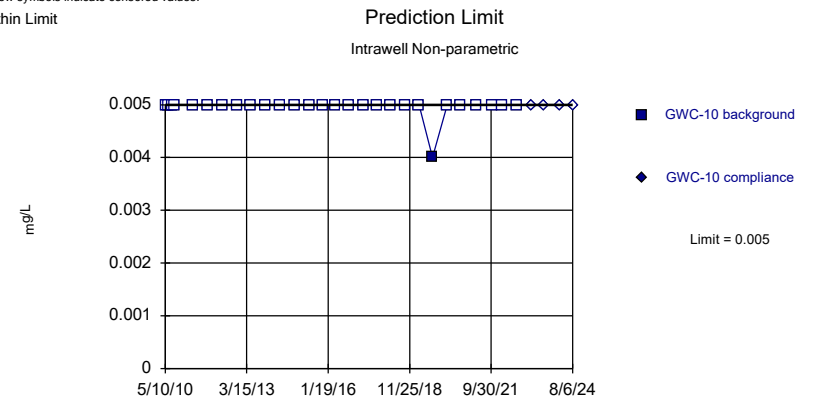
Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 92.86% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Zinc Analysis Run 9/16/2024 11:58 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

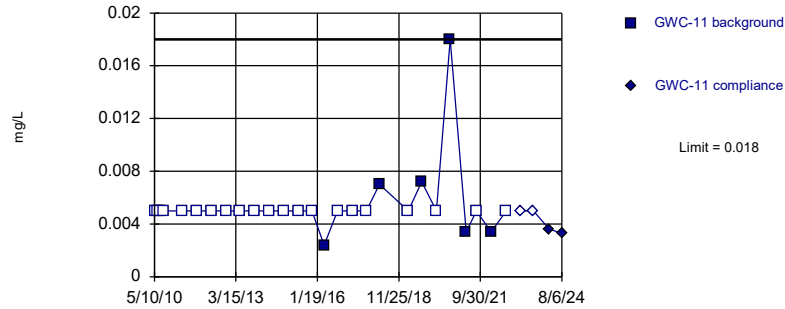


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Zinc Analysis Run 9/16/2024 11:58 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

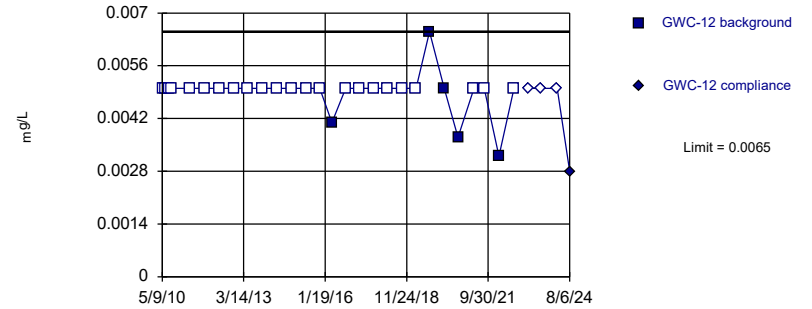


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 77.78% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Zinc Analysis Run 9/16/2024 11:58 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

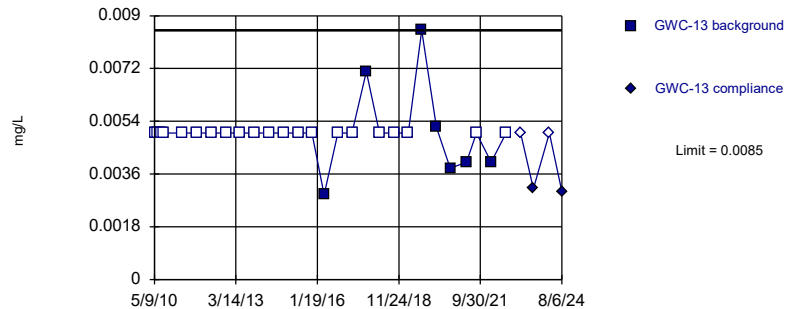


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 82.14% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Zinc Analysis Run 9/16/2024 11:58 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

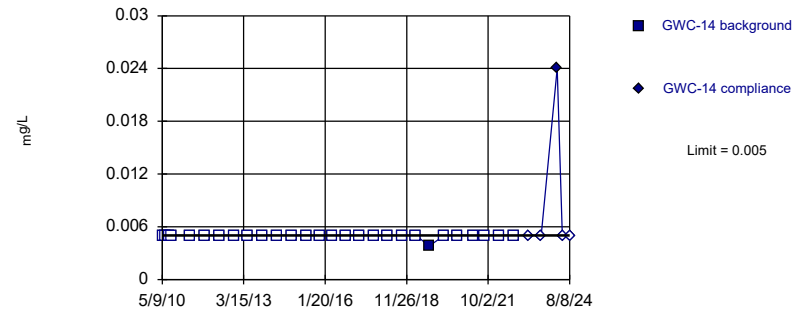


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 75% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Zinc Analysis Run 9/16/2024 11:58 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

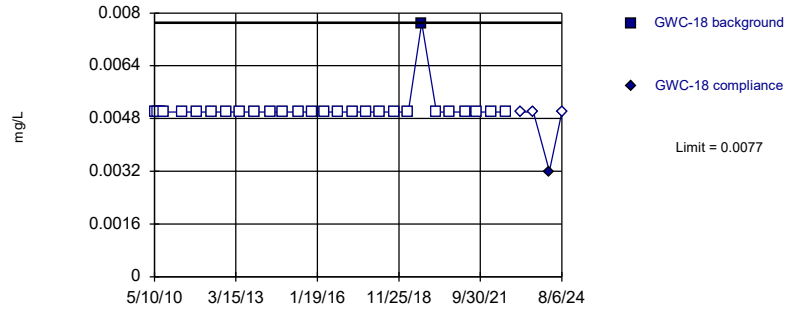


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Zinc Analysis Run 9/16/2024 11:58 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

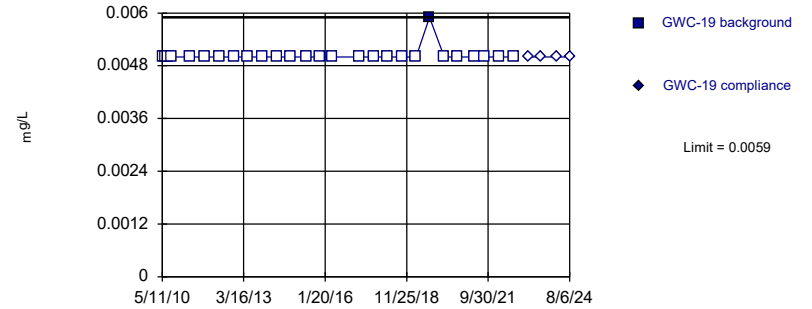


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Zinc Analysis Run 9/16/2024 11:58 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

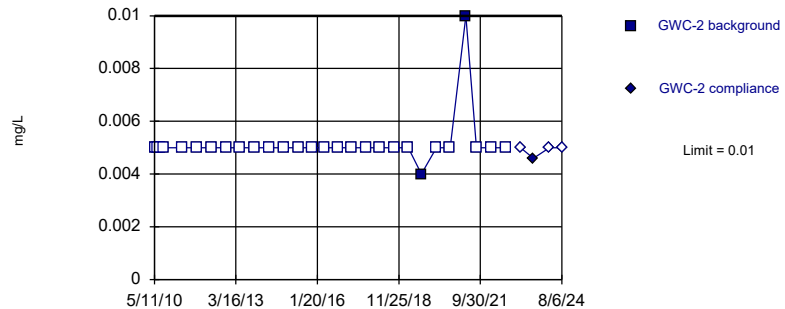


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 96.3% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Zinc Analysis Run 9/16/2024 11:58 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

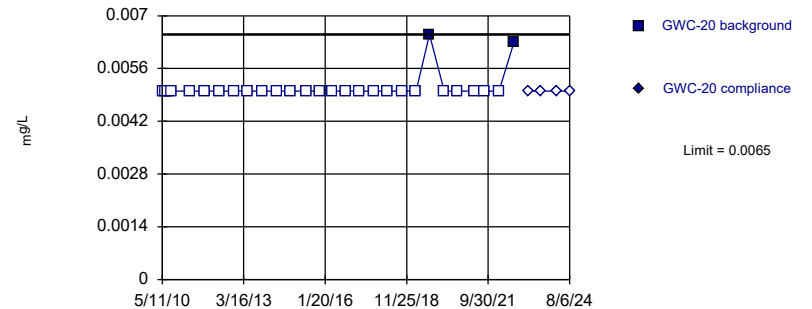


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 92.86% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Zinc Analysis Run 9/16/2024 11:58 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

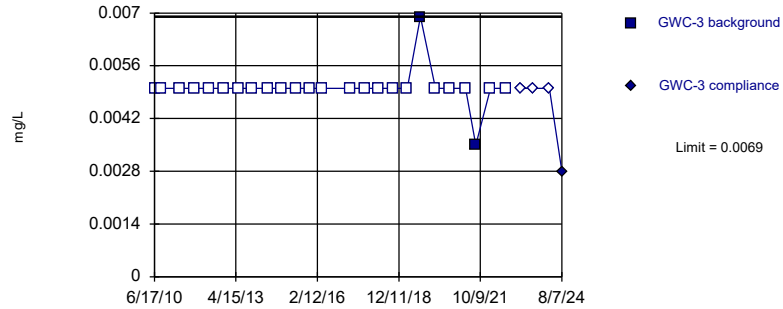


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 92.86% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Zinc Analysis Run 9/16/2024 11:58 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

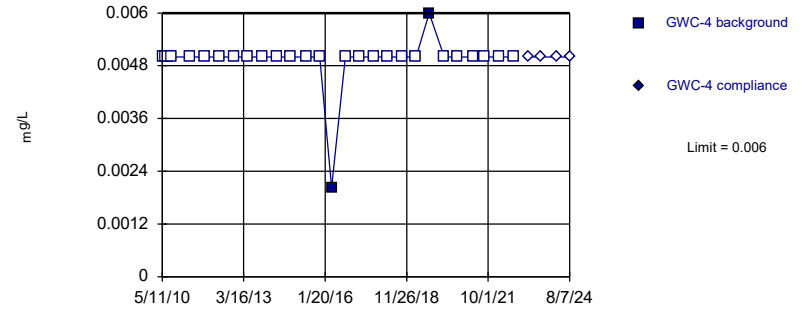


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 92% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

Constituent: Zinc Analysis Run 9/16/2024 11:58 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

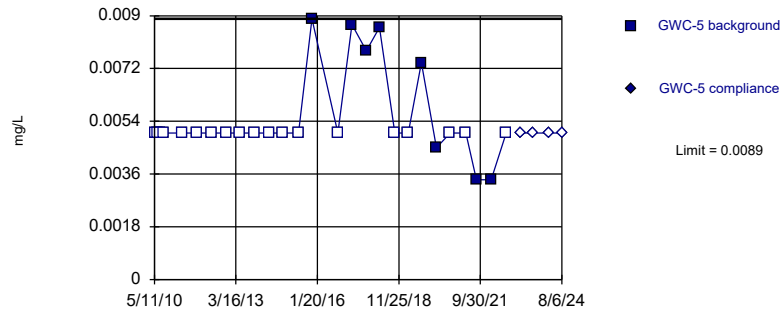


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 92.86% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Zinc Analysis Run 9/16/2024 11:58 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

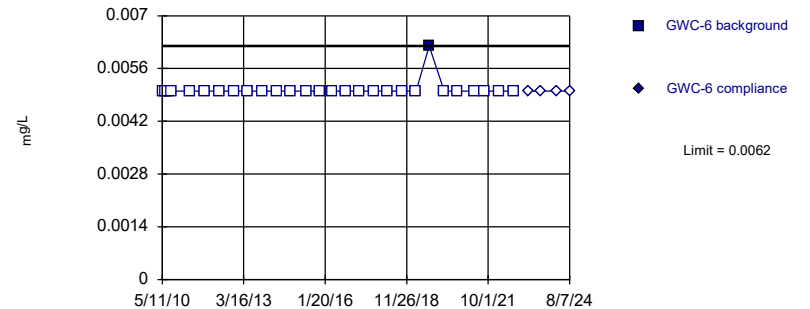


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 70.37% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Zinc Analysis Run 9/16/2024 11:58 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

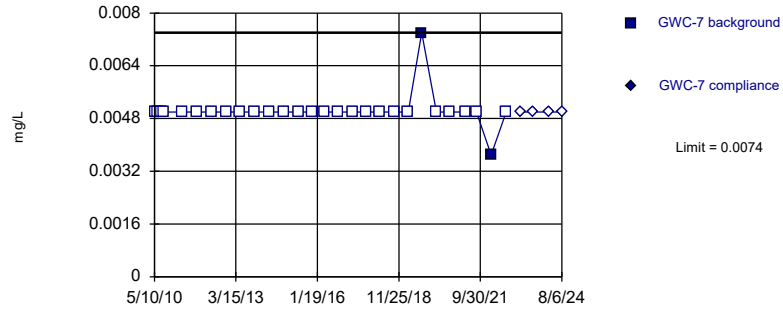


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Zinc Analysis Run 9/16/2024 11:58 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

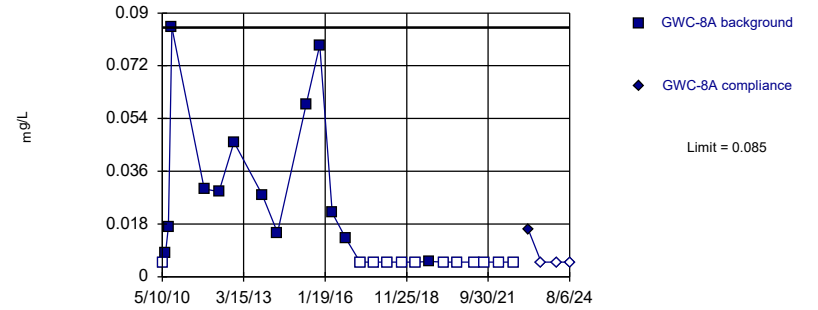


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 92.86% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Zinc Analysis Run 9/16/2024 11:58 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

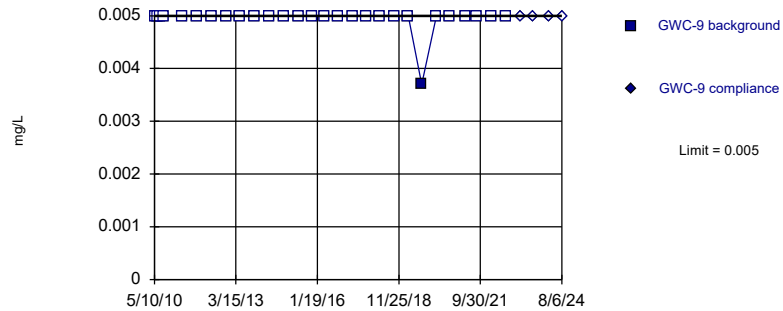


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 25 background values. 48% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

Constituent: Zinc Analysis Run 9/16/2024 11:58 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Zinc Analysis Run 9/16/2024 11:58 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Prediction Limit

Constituent: Antimony, T Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-16	GWA-16
5/9/2010	<0.002	
6/16/2010	<0.002	
7/27/2010	<0.002	
9/7/2010	<0.002	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/2/2012	<0.002	
11/9/2012	<0.002	
5/8/2013	<0.002	
11/6/2013	<0.002	
5/20/2014	<0.002	
11/8/2014	<0.002	
5/22/2015	<0.002	
11/9/2015	<0.002	
4/6/2016	<0.002	
6/15/2016	<0.002	
8/10/2016	<0.002	
10/4/2016	<0.002	
11/29/2016	<0.002	
2/7/2017	0.001 (J)	
4/4/2017	<0.002	
6/20/2017	<0.002	
10/5/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/10/2019	<0.002	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021	<0.002	
8/11/2021	<0.002	
2/15/2022	<0.002	
8/25/2022	<0.002	
2/28/2023		<0.002
8/3/2023		<0.002
2/28/2024		<0.002
8/6/2024		<0.002

Prediction Limit

Constituent: Antimony, T Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-12	GWC-12
5/9/2010	<0.002	
6/18/2010	<0.002	
7/27/2010	<0.002	
9/8/2010	<0.002	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/3/2012	<0.002	
11/10/2012	<0.002	
5/9/2013	<0.002	
11/6/2013	<0.002	
5/20/2014	<0.002	
11/12/2014	<0.002	
5/23/2015	<0.002	
11/12/2015	<0.002	
4/13/2016	0.000646 (JD)	
6/21/2016	<0.002	
8/15/2016	<0.002	
10/5/2016	<0.002	
12/1/2016	<0.002	
2/8/2017	<0.002	
4/5/2017	<0.002	
6/20/2017	<0.002	
10/5/2017	<0.002	
3/21/2018	<0.002 (D)	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/11/2019	<0.002	
3/18/2020	<0.002	
9/10/2020	<0.002	
4/1/2021	<0.002	
8/11/2021	<0.002	
2/16/2022	<0.002	
8/26/2022	<0.002	
2/27/2023		<0.002
8/9/2023		<0.002
2/29/2024		<0.002
8/6/2024		<0.002

Prediction Limit

Constituent: Antimony, T Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-18	GWC-18
5/10/2010	<0.002	
6/16/2010	<0.002	
7/26/2010	<0.002	
9/7/2010	<0.002	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/2/2012	<0.002	
11/9/2012	<0.002	
5/8/2013	<0.002	
11/6/2013	<0.002	
5/23/2014	<0.002	
11/8/2014	<0.002	
5/22/2015	<0.002	
11/10/2015	<0.002	
4/11/2016	<0.002	
6/16/2016	0.00018 (J)	
8/11/2016	<0.002	
10/5/2016	<0.002	
11/29/2016	<0.002	
2/8/2017	<0.002	
4/6/2017	<0.002	
6/21/2017	<0.002	
10/5/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/11/2019	0.00039 (J)	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021	<0.002	
8/11/2021	<0.002	
2/16/2022	<0.002	
8/25/2022	<0.002	
2/28/2023		<0.002
8/9/2023		<0.002
2/29/2024		<0.002
8/6/2024		<0.002

Prediction Limit

Constituent: Antimony, T Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-19
5/11/2010	<0.002	
6/16/2010	<0.002	
7/27/2010	<0.002	
9/7/2010	<0.002	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/2/2012	<0.002	
11/9/2012	<0.002	
5/9/2013	<0.002	
11/6/2013	<0.002	
5/22/2014	<0.002	
11/8/2014	<0.002	
5/23/2015	<0.002	
11/10/2015	<0.002	
4/11/2016	<0.002	
6/16/2016	0.00014 (J)	
8/11/2016	<0.002	
10/5/2016	<0.002	
11/29/2016	<0.002	
2/8/2017	<0.002	
4/5/2017	<0.002	
6/21/2017	<0.002	
10/5/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	<0.002	
9/9/2020	<0.002	
4/5/2021	<0.002	
8/11/2021	<0.002	
2/16/2022	<0.002	
8/25/2022	<0.002	
2/28/2023		<0.002
8/8/2023		<0.002
2/29/2024		<0.002
8/6/2024		<0.002

Prediction Limit

Constituent: Antimony, T Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-2	GWC-2
5/11/2010	<0.002	
6/19/2010	<0.002	
7/27/2010	<0.002	
9/9/2010	<0.002	
4/28/2011	<0.002	
10/28/2011	<0.002	
5/3/2012	<0.002	
11/9/2012	<0.002	
5/9/2013	<0.002	
11/5/2013	<0.002	
5/22/2014	<0.002	
11/13/2014	<0.002	
5/24/2015	<0.002	
11/11/2015	<0.002	
4/12/2016	<0.002	
6/16/2016	<0.002	
8/11/2016	<0.002	
10/4/2016	<0.002	
11/30/2016	<0.002	
2/7/2017	<0.002	
4/6/2017	<0.002	
6/20/2017	<0.002	
10/4/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/10/2019	0.00042 (J)	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021	0.0013 (J)	
8/12/2021	<0.002	
2/15/2022	<0.002	
8/26/2022	<0.002	
2/27/2023		<0.002
8/9/2023		<0.002
3/1/2024		<0.002
8/6/2024		<0.002

Prediction Limit

Constituent: Antimony, T Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-3	GWC-3
5/11/2010	<0.002	
6/17/2010	<0.002	
7/28/2010	<0.002	
9/7/2010	<0.002	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/3/2012	<0.002	
11/9/2012	<0.002	
5/10/2013	<0.002	
11/6/2013	<0.002	
5/22/2014	<0.002	
11/9/2014	<0.002	
5/22/2015	<0.002	
11/10/2015	<0.002	
4/12/2016	<0.002 (D)	
6/20/2016	0.0002 (J)	
8/12/2016	<0.002	
10/5/2016	<0.002	
11/30/2016	<0.002	
2/8/2017	<0.002	
4/6/2017	<0.002	
6/21/2017	<0.002	
10/5/2017	<0.002	
3/21/2018	<0.002	
10/3/2018	<0.002	
3/26/2019	<0.002	
9/10/2019	<0.002	
3/18/2020	<0.002	
9/10/2020	<0.002	
4/6/2021	<0.002	
8/12/2021	<0.002	
2/15/2022	<0.002	
8/25/2022	<0.002	
2/28/2023		<0.002
8/9/2023		<0.002
3/4/2024		0.0013 (J)
8/7/2024		<0.002

Prediction Limit

Constituent: Antimony, T Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-4	GWC-4
5/11/2010	<0.002	
6/17/2010	<0.002	
7/28/2010	<0.002	
9/8/2010	<0.002	
4/28/2011	<0.002	
10/29/2011	<0.002	
5/3/2012	<0.002	
11/10/2012	<0.002	
5/10/2013	<0.002	
11/6/2013	<0.002	
5/22/2014	<0.002	
11/9/2014	<0.002	
5/22/2015	<0.002	
11/11/2015	<0.002	
4/12/2016	<0.002	
6/20/2016	<0.002	
8/12/2016	<0.002	
10/6/2016	<0.002	
11/30/2016	<0.002	
2/8/2017	<0.002	
4/6/2017	<0.002	
6/22/2017	<0.002	
10/6/2017	<0.002	
3/21/2018	<0.002	
10/3/2018	<0.002	
3/26/2019	<0.002	
9/10/2019	<0.002	
3/19/2020	<0.002	
9/10/2020	<0.002	
4/2/2021	<0.002	
8/12/2021	<0.002	
2/15/2022	<0.002	
8/25/2022	0.00058 (J)	
2/27/2023		<0.002
8/8/2023		<0.002
2/29/2024		<0.002
8/7/2024		<0.002

Prediction Limit

Constituent: Antimony, T Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-7	GWC-7
5/10/2010	<0.002	
6/18/2010	<0.002	
7/28/2010	<0.002	
9/9/2010	<0.002	
4/30/2011	<0.002	
10/29/2011	<0.002	
5/4/2012	<0.002	
11/10/2012	<0.002	
5/9/2013	<0.002	
11/7/2013	<0.002	
5/21/2014	<0.002	
11/12/2014	<0.002	
5/24/2015	<0.002	
11/11/2015	<0.002	
4/13/2016	<0.002 (D)	
6/20/2016	0.0002 (J)	
8/15/2016	<0.002	
10/6/2016	<0.002	
12/1/2016	<0.002	
2/9/2017	<0.002	
4/7/2017	<0.002	
6/22/2017	<0.002	
10/6/2017	<0.002	
3/22/2018	<0.002	
10/4/2018	<0.002	
3/27/2019	<0.002	
9/11/2019	<0.002	
3/19/2020	<0.002	
9/10/2020	<0.002	
4/1/2021	<0.002	
8/11/2021	<0.002	
2/15/2022	<0.002	
8/25/2022	<0.002	
2/27/2023		<0.002
8/8/2023		<0.002
2/29/2024		<0.002
8/6/2024		<0.002

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15	GWA-15
5/9/2010	0.01 (J)	
6/18/2010	0.01 (J)	
7/28/2010	0.011 (J)	
9/9/2010	0.011 (J)	
4/30/2011	0.0091 (J)	
10/28/2011	0.0096 (J)	
5/2/2012	0.012	
11/9/2012	0.012 (V)	
5/8/2013	0.01	
11/5/2013	0.0098 (J)	
5/20/2014	0.0081 (J)	
11/12/2014	0.0098 (J)	
5/22/2015	0.0088 (J)	
11/11/2015	0.011	
4/6/2016	0.00959 (J)	
6/15/2016	0.0091 (J)	
8/10/2016	0.009	
10/4/2016	<0.0092	
11/30/2016	0.011	
2/7/2017	0.0099	
4/4/2017	0.0092	
6/20/2017	0.0099	
10/4/2017	0.0098	
3/20/2018	0.01	
10/2/2018	0.0099	
3/26/2019	0.0099	
9/10/2019	0.011	
3/18/2020	0.01	
9/9/2020	0.01	
4/1/2021	0.0092 (J)	
8/11/2021	0.01	
2/15/2022	0.012	
8/25/2022	0.012	
2/28/2023		0.01
8/3/2023		0.01
3/4/2024		0.01
8/6/2024		0.01

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-16	GWA-16
5/9/2010	0.031 (J)	
6/16/2010	0.029 (J)	
7/27/2010	0.029 (J)	
9/7/2010	0.028 (J)	
4/29/2011	0.026 (J)	
10/28/2011	0.025	
5/2/2012	0.025	
11/9/2012	0.028 (V)	
5/8/2013	0.029	
11/6/2013	0.026	
5/20/2014	0.025	
11/8/2014	0.026	
5/22/2015	0.026	
11/9/2015	0.024	
4/6/2016	0.026	
6/15/2016	0.023	
8/10/2016	0.022	
10/4/2016	0.024	
11/29/2016	0.023	
2/7/2017	0.024	
4/4/2017	0.022	
6/20/2017	0.025	
10/5/2017	0.023	
3/20/2018	0.023	
10/2/2018	0.023	
3/26/2019	0.024	
9/10/2019	0.039	
3/18/2020	0.027	
9/9/2020	0.024	
4/1/2021	0.024	
8/11/2021	0.023	
2/15/2022	0.024	
8/25/2022	0.025	
2/28/2023		0.025
8/3/2023		0.026
2/28/2024		0.03
8/6/2024		0.031

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17	GWA-17
5/8/2010	0.048 (J)	
6/16/2010	0.044 (J)	
7/26/2010	0.042 (J)	
9/7/2010	0.04 (J)	
4/29/2011	0.038 (J)	
10/28/2011	0.034	
5/2/2012	0.03	
11/9/2012	0.039 (V)	
5/8/2013	0.034	
11/6/2013	0.032	
5/20/2014	0.03	
11/8/2014	0.031	
5/22/2015	0.033	
11/9/2015	0.034	
4/6/2016	0.0347	
6/15/2016	0.029	
8/10/2016	0.027	
10/5/2016	<0.029	
11/29/2016	0.024	
2/7/2017	0.029	
4/4/2017	0.03	
6/20/2017	0.036	
10/5/2017	0.027	
3/20/2018	0.027	
10/2/2018	0.027	
3/26/2019	0.031	
9/10/2019	0.051	
3/18/2020	0.031	
9/9/2020	0.033	
4/1/2021	0.029	
8/11/2021	0.029	
2/15/2022	0.031	
8/24/2022	0.031	
2/28/2023		0.03
8/3/2023		0.027
2/28/2024		0.032
8/6/2024		0.033

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-1	GWC-1
5/11/2010	0.054 (J)	
6/17/2010	0.054 (J)	
7/27/2010	0.054 (J)	
9/9/2010	0.046 (J)	
4/28/2011	0.057 (J)	
10/29/2011	0.046	
5/3/2012	0.049	
11/9/2012	0.045 (V)	
5/9/2013	0.053	
11/5/2013	0.045	
5/23/2014	0.043	
11/13/2014	0.046	
5/23/2015	0.046	
11/11/2015	0.047	
4/12/2016	0.0474	
6/16/2016	0.044	
8/11/2016	0.04	
10/4/2016	0.048	
11/30/2016	0.043	
2/7/2017	0.042	
4/5/2017	0.041	
6/20/2017	0.046	
10/4/2017	0.044	
3/20/2018	0.042	
10/2/2018	0.043	
3/26/2019	0.044	
9/10/2019	0.046	
3/18/2020	0.049	
9/9/2020	0.046	
4/1/2021	0.047	
8/18/2021	0.049	
2/15/2022	0.052	
8/24/2022	0.043	
2/27/2023		0.049
8/9/2023		0.048
3/1/2024		0.048
8/6/2024		0.051

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-10	GWC-10
5/10/2010	0.024 (J)	
6/16/2010	0.022 (J)	
7/28/2010	0.023 (J)	
9/8/2010	0.023 (J)	
4/29/2011	0.022 (J)	
10/27/2011	0.022	
5/4/2012	0.019	
11/11/2012	0.025 (V)	
5/9/2013	0.024	
11/5/2013	0.025	
5/21/2014	0.024	
11/12/2014	0.026	
5/23/2015	0.026	
11/12/2015	0.026	
4/13/2016	0.0258 (D)	
6/21/2016	0.0286	
8/15/2016	0.024	
10/5/2016	<0.028	
12/1/2016	0.028	
2/8/2017	0.027	
4/6/2017	0.027	
6/21/2017	0.031	
10/5/2017	0.029	
3/21/2018	<0.028 (X)	
10/2/2018	0.029	
3/27/2019		0.027
9/11/2019		0.033
3/18/2020		0.036
9/9/2020		0.036
4/1/2021		0.034
10/18/2021		0.031
2/15/2022		0.036
8/25/2022		0.035
2/21/2023		0.033
8/9/2023		0.032
3/1/2024		0.036
8/6/2024		0.034

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-11
5/10/2010	0.018 (J)	
6/16/2010	0.018 (J)	
7/27/2010	0.018 (J)	
9/8/2010	0.017 (J)	
4/29/2011	0.016 (J)	
10/27/2011	0.015	
5/4/2012	0.014	
11/10/2012	0.016 (V)	
5/9/2013	0.016	
11/6/2013	0.016	
5/20/2014	0.016	
11/12/2014	0.017	
5/24/2015	0.017	
11/12/2015	0.016	
4/13/2016	0.0159 (D)	
6/21/2016	0.018	
8/15/2016	0.015	
10/5/2016	<0.016	
12/1/2016	0.016	
2/8/2017	0.015	
4/6/2017	0.016	
6/20/2017	0.016	
10/5/2017	0.016	
3/21/2018	<0.016 (X)	
10/2/2018	0.016	
3/27/2019	0.015	
9/11/2019	0.017	
3/18/2020	0.019	
9/10/2020	0.02	
4/1/2021	0.018	
8/11/2021	0.017	
2/16/2022	0.018	
8/25/2022	0.018	
2/27/2023		0.019
8/9/2023		0.019
2/29/2024		0.02
8/6/2024		0.017

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-12	GWC-12
5/9/2010	0.017 (J)	
6/18/2010	0.014 (J)	
7/27/2010	0.015 (J)	
9/8/2010	0.013 (J)	
4/29/2011	0.016 (J)	
10/28/2011	0.013	
5/3/2012	0.012	
11/10/2012	0.015 (V)	
5/9/2013	0.015	
11/6/2013	0.015	
5/20/2014	0.015	
11/12/2014	0.018	
5/23/2015	0.016	
11/12/2015	0.015	
4/13/2016	0.0166 (D)	
6/21/2016	0.0173	
8/15/2016	0.015	
10/5/2016	<0.017	
12/1/2016	0.016	
2/8/2017	0.016	
4/5/2017	0.016	
6/20/2017	0.017	
10/5/2017	0.017	
3/21/2018	<0.017 (X)	
10/2/2018	0.016	
3/26/2019	0.017	
9/11/2019	0.017	
3/18/2020	0.018	
9/10/2020	0.019	
4/1/2021	0.018	
8/11/2021	0.018	
2/16/2022	0.018	
8/26/2022	0.018	
2/27/2023		0.019
8/9/2023		0.02
2/29/2024		0.019
8/6/2024		0.018

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-13	GWC-13
5/9/2010	0.029 (J)	
6/18/2010	0.028 (J)	
7/29/2010	0.029 (J)	
9/9/2010	0.028 (J)	
4/26/2011	0.038 (J)	
10/28/2011	0.026	
5/4/2012	0.024	
11/11/2012	0.027 (V)	
5/8/2013	0.045	
11/7/2013	0.026	
5/20/2014	0.024	
11/12/2014	0.029	
5/24/2015	0.027	
11/12/2015	0.029	
4/13/2016	0.029 (D)	
6/21/2016	0.0306	
8/15/2016	0.026	
10/7/2016	0.031	
12/1/2016	0.031	
2/9/2017	0.032	
4/6/2017	0.029	
6/22/2017	0.034	
10/6/2017	0.031	
3/22/2018	0.034	
10/3/2018	0.03	
3/26/2019		0.035
9/11/2019		0.035
3/18/2020		0.058
9/10/2020		0.037
4/6/2021		0.038
8/11/2021		0.037
2/16/2022		0.035
8/26/2022		0.035
2/27/2023		0.04
8/9/2023		0.04
3/1/2024		0.039
8/6/2024		0.036

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Inrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-14	GWC-14
5/9/2010	0.01 (J)	
6/18/2010	0.0097 (J)	
7/28/2010	0.0096 (J)	
9/9/2010	0.01 (J)	
4/30/2011	0.0096 (J)	
10/28/2011	0.0064 (O)	
5/3/2012	0.0054 (O)	
11/10/2012	0.0094 (J)	
5/8/2013	0.0093 (J)	
11/5/2013	0.009 (J)	
5/20/2014	0.009 (J)	
11/12/2014	0.0098 (J)	
5/24/2015	0.0096 (J)	
11/11/2015	0.0092 (J)	
4/13/2016	0.00929 (JD)	
6/21/2016	0.0106	
8/15/2016	0.0077	
10/4/2016	<0.0091	
12/1/2016	0.0089	
2/7/2017	0.0089	
4/6/2017	0.0085	
6/20/2017	0.0097	
10/5/2017	0.0096	
3/20/2018	0.0091	
10/2/2018	0.0096	
3/26/2019	0.0092	
9/11/2019	0.011	
3/18/2020	0.0099 (J)	
9/9/2020	0.01	
4/1/2021	0.0095 (J)	
8/11/2021	0.012	
2/16/2022	0.011	
8/26/2022	0.011	
2/27/2023		0.011
8/9/2023		0.012
3/1/2024		0.012
8/8/2024		0.013

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-18	GWC-18
5/10/2010	0.039 (J)	
6/16/2010	0.041 (J)	
7/26/2010	0.04 (J)	
9/7/2010	0.038 (J)	
4/29/2011	0.034 (J)	
10/28/2011	0.035	
5/2/2012	0.038	
11/9/2012	0.035 (V)	
5/8/2013	0.037	
11/6/2013	0.036 (V)	
5/23/2014	0.036	
11/8/2014	0.038	
5/22/2015	0.035	
11/10/2015	0.032	
4/11/2016	0.0352	
6/16/2016	0.033	
8/11/2016	0.035	
10/5/2016	<0.032	
11/29/2016	0.034	
2/8/2017	0.032	
4/6/2017	0.031	
6/21/2017	0.035	
10/5/2017	0.034	
3/20/2018	0.033	
10/2/2018	0.032	
3/26/2019	0.033	
9/11/2019	0.035	
3/18/2020	0.036	
9/9/2020	0.036	
4/1/2021	0.035	
8/11/2021	0.037	
2/16/2022	0.034	
8/25/2022	0.035	
2/28/2023		0.035
8/9/2023		0.037
2/29/2024		0.037
8/6/2024		0.037

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-19
5/11/2010	0.018 (J)	
6/16/2010	0.017 (J)	
7/27/2010	0.016 (J)	
9/7/2010	0.017 (J)	
4/29/2011	0.018 (J)	
10/28/2011	0.016	
5/2/2012	0.018	
11/9/2012	0.017 (V)	
5/9/2013	0.017	
11/6/2013	0.018 (V)	
5/22/2014	0.016	
11/8/2014	0.018	
5/23/2015	0.018	
11/10/2015	0.017	
4/11/2016	0.0191	
6/16/2016	0.017	
8/11/2016	0.015	
10/5/2016	<0.018	
11/29/2016	0.017	
2/8/2017	0.017	
4/5/2017	0.017	
6/21/2017	0.019	
10/5/2017	0.018	
3/20/2018	0.019	
10/2/2018	0.018	
3/26/2019		0.018
9/12/2019		0.026
3/19/2020		0.025
9/9/2020		0.026
4/5/2021		0.028
8/11/2021		0.031
2/16/2022		0.027
8/25/2022		0.03
2/28/2023		0.031
8/8/2023		0.032
2/29/2024		0.033
8/6/2024		0.035

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-2	GWC-2
5/11/2010	0.048 (J)	
6/19/2010	0.033 (J)	
7/27/2010	0.047 (J)	
9/9/2010	0.045 (J)	
4/28/2011	0.048 (J)	
10/28/2011	0.044	
5/3/2012	0.047	
11/9/2012	0.055 (V)	
5/9/2013	0.049	
11/5/2013	0.045	
5/22/2014	0.04	
11/13/2014	0.045	
5/24/2015	0.045	
11/11/2015	0.045	
4/12/2016	0.0519	
6/16/2016	0.045	
8/11/2016	0.04	
10/4/2016	0.044	
11/30/2016	0.044	
2/7/2017	0.044	
4/6/2017	0.041	
6/20/2017	0.045	
10/4/2017	0.047	
3/20/2018	0.045	
10/2/2018	0.044	
3/26/2019	0.045	
9/10/2019	0.047	
3/18/2020	0.048	
9/9/2020	0.047	
4/1/2021	0.044	
8/12/2021	0.048	
2/15/2022	0.048	
8/26/2022	0.045	
2/27/2023		0.048
8/9/2023		0.045
3/1/2024		0.046
8/6/2024		0.052

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-20	GWC-20
5/11/2010	0.032 (J)	
6/17/2010	0.031 (J)	
7/27/2010	0.035 (J)	
9/7/2010	0.032 (J)	
4/29/2011	0.031 (J)	
10/28/2011	0.03	
5/3/2012	0.032	
11/10/2012	0.028 (V)	
5/9/2013	0.029	
11/6/2013	0.03 (V)	
5/22/2014	0.029	
11/9/2014	0.032	
5/24/2015	0.029	
11/10/2015	0.026	
4/12/2016	0.033	
6/16/2016	0.028	
8/11/2016	0.026	
10/5/2016	0.03	
11/30/2016	0.03	
2/8/2017	0.033	
4/6/2017	0.033	
6/21/2017	0.03	
10/5/2017	0.028	
3/21/2018	<0.03 (X)	
10/3/2018	0.028	
3/26/2019	0.03	
9/12/2019	0.035	
3/19/2020	0.032	
9/10/2020	0.031	
4/5/2021	0.029	
8/11/2021	0.031	
2/16/2022	0.03	
8/25/2022	0.031	
2/28/2023		0.032
8/8/2023		0.035
3/1/2024		0.036
8/6/2024		0.037

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-3	GWC-3
5/11/2010	0.039	
6/17/2010	0.017	
7/28/2010	0.071 (O)	
9/7/2010	0.026	
4/29/2011	0.016	
10/28/2011	0.014	
5/3/2012	0.017	
11/9/2012	0.022 (V)	
5/10/2013	0.025	
11/6/2013	0.015	
5/22/2014	0.016	
11/9/2014	0.017	
5/22/2015	0.017	
11/10/2015	0.018	
4/12/2016	0.0169 (D)	
6/20/2016	0.014	
8/12/2016	0.018	
10/5/2016	0.015	
11/30/2016	0.018	
2/8/2017	0.018	
4/6/2017	0.017	
6/21/2017	0.02	
10/5/2017	0.017	
3/21/2018	<0.018 (X)	
10/3/2018	0.016	
3/26/2019	0.015	
9/10/2019	0.014	
3/18/2020	0.013	
9/10/2020	0.015	
4/6/2021	0.014	
8/12/2021	0.019	
2/15/2022	0.013	
8/25/2022	0.013	
2/28/2023		0.011
8/9/2023		0.013
3/4/2024		0.019
8/7/2024		0.02

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-4	GWC-4
5/11/2010	0.031 (J)	
6/17/2010	0.033 (J)	
7/28/2010	0.033 (J)	
9/8/2010	0.033 (J)	
4/28/2011	0.039 (J)	
10/29/2011	0.029	
5/3/2012	0.036	
11/10/2012	0.032 (V)	
5/10/2013	0.035	
11/6/2013	0.037	
5/22/2014	0.031	
11/9/2014	0.034	
5/22/2015	0.039	
11/11/2015	0.042	
4/12/2016	0.0386	
6/20/2016	0.031	
8/12/2016	0.033	
10/6/2016	0.042	
11/30/2016	0.04	
2/8/2017	0.042	
4/6/2017	0.041	
6/22/2017	0.047	
10/6/2017	0.045	
3/21/2018	0.045	
10/3/2018	0.042	
3/26/2019	0.053	
9/10/2019	0.037	
3/19/2020	0.045	
9/10/2020	0.045	
4/2/2021		0.047
8/12/2021		0.049
2/15/2022		0.055
5/12/2022		0.06 (R)
8/25/2022		0.054
12/28/2022		0.065 (R)
2/27/2023		0.081
8/8/2023		0.085
2/29/2024		0.1
8/7/2024		0.097

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-5
5/11/2010	0.034 (J)	
6/18/2010	0.028 (J)	
7/27/2010	0.026 (J)	
9/9/2010	0.022 (J)	
4/29/2011	0.016 (J)	
10/28/2011	0.014	
5/4/2012	0.017	
11/10/2012	0.014 (V)	
5/9/2013	0.016	
11/6/2013	0.016	
5/22/2014	0.016	
11/9/2014	0.018	
5/24/2015	0.11	
11/11/2015	0.12	
4/19/2016	0.099	
6/22/2016	0.074	
8/16/2016	0.045	
10/6/2016	0.046	
12/1/2016	0.046	
2/9/2017	0.055	
4/6/2017	0.057	
6/21/2017	0.062	
10/5/2017	0.052	
3/22/2018	0.048	
10/3/2018	0.036	
3/27/2019	0.038	
9/11/2019	0.039	
3/18/2020	0.04	
9/9/2020	0.033	
4/1/2021	0.04	
8/12/2021	0.036	
2/15/2022	0.038	
8/25/2022	0.031	
2/28/2023		0.038
8/8/2023		0.031
2/29/2024		0.042
8/6/2024		0.038

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-6	GWC-6
5/11/2010	0.053 (J)	
6/18/2010	0.055 (J)	
7/27/2010	0.053 (J)	
9/9/2010	0.05 (J)	
4/30/2011	0.05 (J)	
10/29/2011	0.045	
5/4/2012	0.051	
11/10/2012	0.048 (V)	
5/9/2013	0.048	
11/7/2013	0.049	
5/21/2014	0.048	
11/9/2014	0.053	
5/24/2015	0.061	
11/11/2015	0.063	
4/12/2016	0.0626	
6/20/2016	0.057	
8/12/2016	0.053	
10/6/2016	0.053	
11/30/2016	0.06	
2/9/2017	0.054	
4/6/2017	0.055	
6/21/2017	0.063	
10/6/2017	0.054	
3/21/2018	0.056	
10/3/2018	0.051	
3/26/2019	0.052	
9/11/2019	0.059	
3/18/2020	0.05	
9/10/2020	0.056	
4/5/2021	0.054	
8/11/2021	0.054	
2/15/2022	0.057	
8/25/2022	0.055	
2/27/2023		0.052
8/8/2023		0.046
2/29/2024		0.06
8/7/2024		0.047

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-7	GWC-7
5/10/2010	0.029 (J)	
6/18/2010	0.044 (J)	
7/28/2010	0.028 (J)	
9/9/2010	0.029 (J)	
4/30/2011	0.025 (J)	
10/29/2011	0.026	
5/4/2012	0.032	
11/10/2012	0.028 (V)	
5/9/2013	0.03	
11/7/2013	0.031	
5/21/2014	0.029	
11/12/2014	0.031	
5/24/2015	0.039	
11/11/2015	0.032	
4/13/2016	0.0328 (D)	
6/20/2016	0.03	
8/15/2016	0.033	
10/6/2016	0.032	
12/1/2016	0.034	
2/9/2017	0.032	
4/7/2017	0.031	
6/22/2017	0.035	
10/6/2017	0.034	
3/22/2018	0.035	
10/4/2018	0.031	
3/27/2019	0.033	
9/11/2019	0.035	
3/19/2020	0.036	
9/10/2020	0.039	
4/1/2021	0.036	
8/11/2021	0.036	
2/15/2022	0.035	
8/25/2022	0.035	
2/27/2023		0.036
8/8/2023		0.034
2/29/2024		0.041
8/6/2024		0.039

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-8A	GWC-8A
5/10/2010	0.05 (J)	
6/19/2010	0.045 (J)	
7/28/2010	0.046 (J)	
9/8/2010	0.071 (J)	
4/30/2011	0.098 (J)	
10/27/2011	0.048	
5/4/2012	0.055	
11/11/2012	0.05 (V)	
5/10/2013	0.12	
11/7/2013	0.044	
5/21/2014	0.037	
11/13/2014	0.085	
5/23/2015	0.054	
11/11/2015	0.059	
4/19/2016	0.0415	
10/10/2016	0.034	
12/1/2016	0.037	
2/9/2017	0.043	
4/7/2017	0.019	
6/21/2017	0.017	
8/15/2017	0.021	
9/1/2017	0.02	
10/9/2017	0.019	
3/22/2018	0.019	
10/4/2018	0.012	
3/27/2019	0.025	
9/11/2019	0.022	
3/18/2020	0.043	
9/9/2020	0.053	
4/5/2021	0.045	
8/12/2021	0.026	
2/15/2022	0.048	
8/25/2022	0.03	
2/27/2023		0.055
8/8/2023		0.051
2/29/2024		0.042
8/6/2024		0.029

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-9	GWC-9
5/10/2010	0.026 (J)	
6/16/2010	0.026 (J)	
7/27/2010	0.029 (J)	
9/8/2010	0.027 (J)	
4/29/2011	0.02 (J)	
10/27/2011	0.02	
5/3/2012	0.021	
11/11/2012	0.028 (V)	
5/9/2013	0.026	
11/6/2013	0.026	
5/21/2014	0.023	
11/12/2014	0.038	
5/23/2015	0.021	
11/12/2015	0.02	
4/13/2016	0.0164 (D)	
6/22/2016	0.0238	
8/15/2016	0.02	
10/6/2016	0.021	
12/1/2016	0.025	
2/8/2017	0.017	
4/6/2017	0.019	
6/21/2017	0.026	
10/5/2017	0.022	
3/21/2018	<0.021 (X)	
10/2/2018	0.023	
3/27/2019	0.018	
9/11/2019	0.028	
3/18/2020	0.013	
9/9/2020	0.025	
4/1/2021	0.018	
8/12/2021	0.023	
2/15/2022	0.023	
8/25/2022	0.04	
2/27/2023		0.025
8/8/2023		0.027
3/1/2024		0.026
8/6/2024		0.03

Prediction Limit

Constituent: Beryllium, T Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17	GWA-17
5/8/2010	<0.0025	
6/16/2010	<0.0025	
7/26/2010	<0.0025	
9/7/2010	<0.0025	
4/29/2011	<0.0025	
10/28/2011	<0.0025	
5/2/2012	<0.0025	
11/9/2012	0.0021	
5/8/2013	<0.0025	
11/6/2013	<0.0025	
5/20/2014	<0.0025	
11/8/2014	<0.0025	
5/22/2015	<0.0025	
11/9/2015	<0.0025	
4/6/2016	<0.0025	
6/15/2016	<0.0025	
8/10/2016	<0.0025	
10/5/2016	<0.0025	
11/29/2016	<0.0025	
2/7/2017	<0.0025	
4/4/2017	<0.0025	
6/20/2017	<0.0025	
10/5/2017	<0.0025	
3/20/2018	<0.0025	
10/2/2018	<0.0025	
3/26/2019	<0.0025	
9/10/2019	<0.0025	
3/18/2020	<0.0025	
9/9/2020	<0.0025	
4/1/2021	<0.0025	
8/11/2021	<0.0025	
2/15/2022	<0.0025	
8/24/2022	<0.0025	
2/28/2023		<0.0025
8/3/2023		<0.0025
2/28/2024		<0.0025
8/6/2024		<0.0025

Prediction Limit

Constituent: Beryllium, T Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-5
5/11/2010	<0.0025	
6/18/2010	<0.0025	
7/27/2010	<0.0025	
9/9/2010	<0.0025	
4/29/2011	<0.0025	
10/28/2011	<0.0025	
5/4/2012	<0.0025	
11/10/2012	<0.0025	
5/9/2013	<0.0025	
11/6/2013	<0.0025	
5/22/2014	<0.0025	
11/9/2014	<0.0025	
5/24/2015	<0.0025	
11/11/2015	<0.0025	
4/19/2016	<0.0025	
6/22/2016	<0.0025	
8/16/2016	<0.0025	
10/6/2016	<0.0025	
12/1/2016	<0.0025	
2/9/2017	<0.0025	
4/6/2017	<0.0025	
6/21/2017	<0.0025	
10/5/2017	<0.0025	
3/22/2018	<0.0025	
10/3/2018	<0.0025	
3/27/2019	<0.0025	
9/11/2019	<0.0025	
3/18/2020	<0.0025	
9/9/2020	<0.0025	
4/1/2021	<0.0025	
8/12/2021	0.00022 (J)	
2/15/2022	<0.0025	
8/25/2022	<0.0025	
2/28/2023		<0.0025
8/8/2023		<0.0025
2/29/2024		<0.0025
8/6/2024		<0.0025

Prediction Limit

Constituent: Beryllium, T Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-7	GWC-7
5/10/2010	<0.0025	
6/18/2010	<0.0025	
7/28/2010	<0.0025	
9/9/2010	<0.0025	
4/30/2011	<0.0025	
10/29/2011	<0.0025	
5/4/2012	<0.0025	
11/10/2012	<0.0025	
5/9/2013	<0.0025	
11/7/2013	<0.0025	
5/21/2014	<0.0025	
11/12/2014	<0.0025	
5/24/2015	<0.0025	
11/11/2015	<0.0025	
4/13/2016	<0.0025 (D)	
6/20/2016	<0.0025	
8/15/2016	<0.0025	
10/6/2016	<0.0025	
12/1/2016	<0.0025	
2/9/2017	<0.0025	
4/7/2017	<0.0025	
6/22/2017	<0.0025	
10/6/2017	<0.0025	
3/22/2018	<0.0025	
10/4/2018	<0.0025	
3/27/2019	<0.0025	
9/11/2019	<0.0025	
3/19/2020	<0.0025	
9/10/2020	0.00018 (J)	
4/1/2021	<0.0025	
8/11/2021	<0.0025	
2/15/2022	<0.0025	
8/25/2022	<0.0025	
2/27/2023		<0.0025
8/8/2023		<0.0025
2/29/2024		<0.0025
8/6/2024		<0.0025

Prediction Limit

Constituent: Beryllium, T Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-8A	GWC-8A
5/10/2010	<0.0025	
6/19/2010	<0.0025	
7/28/2010	<0.0025	
9/8/2010	<0.0025	
4/30/2011	<0.0025	
10/27/2011	<0.0025	
5/4/2012	<0.0025	
11/11/2012	<0.0025	
5/10/2013	<0.0025	
11/7/2013	<0.0025	
5/21/2014	<0.0025	
11/13/2014	<0.0025	
5/23/2015	<0.0025	
11/11/2015	<0.0025	
4/19/2016	<0.0025	
10/10/2016	<0.0025	
12/1/2016	<0.0025	
2/9/2017	<0.0025	
4/7/2017	<0.0025	
6/21/2017	<0.0025	
8/15/2017	<0.0025	
9/1/2017	<0.0025	
10/9/2017	<0.0025	
3/22/2018	<0.0025	
10/4/2018	<0.0025	
3/27/2019	<0.0025	
9/11/2019	<0.0025	
3/18/2020	<0.0025	
9/9/2020	<0.0025	
4/5/2021	0.00038 (J)	
8/12/2021	<0.0025	
2/15/2022	<0.0025	
8/25/2022	<0.0025	
2/27/2023		<0.0025
8/8/2023		<0.0025
2/29/2024		<0.0025
8/6/2024		<0.0025

Prediction Limit

Constituent: Cadmium, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17	GWA-17
5/8/2010	<0.0025	
6/16/2010	<0.0025	
7/26/2010	<0.0025	
9/7/2010	<0.0025	
4/29/2011	<0.0025	
10/28/2011	<0.0025	
5/2/2012	<0.0025	
11/9/2012	<0.0025	
5/8/2013	<0.0025	
11/6/2013	<0.0025	
5/20/2014	<0.0025	
11/8/2014	<0.0025	
5/22/2015	<0.0025	
11/9/2015	<0.0025	
4/6/2016	<0.0025	
6/15/2016	<0.0025	
8/10/2016	<0.0025	
10/5/2016	<0.0025	
11/29/2016	<0.0025	
2/7/2017	<0.0025	
4/4/2017	<0.0025	
6/20/2017	<0.0025	
10/5/2017	<0.0025	
3/20/2018	<0.0025	
10/2/2018	<0.0025	
3/26/2019	<0.0025	
9/10/2019	0.00013 (J)	
3/18/2020	<0.0025	
9/9/2020	<0.0025	
4/1/2021	<0.0025	
8/11/2021	<0.0025	
2/15/2022	<0.0025	
8/24/2022	<0.0025	
2/28/2023		<0.0025
8/3/2023		<0.0025
2/28/2024		<0.0025
8/6/2024		<0.0025

Prediction Limit

Constituent: Cadmium, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-11
5/10/2010	<0.0025	
6/16/2010	<0.0025	
7/27/2010	<0.0025	
9/8/2010	<0.0025	
4/29/2011	<0.0025	
10/27/2011	<0.0025	
5/4/2012	<0.0025	
11/10/2012	<0.0025	
5/9/2013	<0.0025	
11/6/2013	<0.0025	
5/20/2014	<0.0025	
11/12/2014	<0.0025	
5/24/2015	<0.0025	
11/12/2015	<0.0025	
4/13/2016	<0.0025 (D)	
6/21/2016	<0.0025	
8/15/2016	<0.0025	
10/5/2016	<0.0025	
12/1/2016	<0.0025	
2/8/2017	<0.0025	
4/6/2017	<0.0025	
6/20/2017	<0.0025	
10/5/2017	<0.0025	
3/21/2018	<0.0025	
10/2/2018	<0.0025	
3/27/2019	<0.0025	
9/11/2019	<0.0025	
3/18/2020	<0.0025	
9/10/2020	0.001 (J)	
4/1/2021	<0.0025	
8/11/2021	<0.0025	
2/16/2022	<0.0025	
8/25/2022	<0.0025	
2/27/2023		<0.0025
8/9/2023		<0.0025
2/29/2024		<0.0025
8/6/2024		<0.0025

Prediction Limit

Constituent: Cadmium, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-2	GWC-2
5/11/2010	<0.0025	
6/19/2010	<0.0025	
7/27/2010	<0.0025	
9/9/2010	<0.0025	
4/28/2011	<0.0025	
10/28/2011	<0.0025	
5/3/2012	<0.0025	
11/9/2012	<0.0025	
5/9/2013	<0.0025	
11/5/2013	<0.0025	
5/22/2014	<0.0025	
11/13/2014	<0.0025	
5/24/2015	<0.0025	
11/11/2015	<0.0025	
4/12/2016	<0.0025	
6/16/2016	<0.0025	
8/11/2016	<0.0025	
10/4/2016	<0.0025	
11/30/2016	<0.0025	
2/7/2017	<0.0025	
4/6/2017	<0.0025	
6/20/2017	<0.0025	
10/4/2017	<0.0025	
3/20/2018	<0.0025	
10/2/2018	<0.0025	
3/26/2019	<0.0025	
9/10/2019	<0.0025	
3/18/2020	<0.0025	
9/9/2020	<0.0025	
4/1/2021	0.00038 (J)	
8/12/2021	<0.0025	
2/15/2022	<0.0025	
8/26/2022	<0.0025	
2/27/2023		<0.0025
8/9/2023		<0.0025
3/1/2024		<0.0025
8/6/2024		<0.0025

Prediction Limit

Constituent: Cadmium, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-8A	GWC-8A
5/10/2010	<0.0025	
6/19/2010	<0.0025	
7/28/2010	<0.0025	
9/8/2010	0.001	
4/30/2011	0.0014	
10/27/2011	0.0011	
5/4/2012	<0.0025	
11/11/2012	<0.0025	
5/10/2013	0.0016	
11/7/2013	0.001	
5/21/2014	<0.0025	
11/13/2014	<0.0025	
5/23/2015	<0.0025	
11/11/2015	<0.0025	
4/19/2016	0.000379 (J)	
10/10/2016	<0.0025	
12/1/2016	<0.0025	
2/9/2017	0.00037 (J)	
4/7/2017	<0.0025	
6/21/2017	<0.0025	
8/15/2017	<0.0025	
9/1/2017	<0.0025	
10/9/2017	<0.0025	
3/22/2018	<0.0025	
10/4/2018	<0.0025	
3/27/2019	<0.0025	
9/11/2019	<0.0025	
3/18/2020	<0.0025	
9/9/2020	<0.0025	
4/5/2021	0.0003 (J)	
8/12/2021	<0.0025	
2/15/2022	<0.0025	
8/25/2022	<0.0025	
2/27/2023		<0.0025
8/8/2023		<0.0025
2/29/2024		<0.0025
8/6/2024		<0.0025

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15	GWA-15
5/9/2010	<0.002	
6/18/2010	<0.002	
7/28/2010	<0.002	
9/9/2010	<0.002	
4/30/2011	<0.002	
10/28/2011	<0.002	
5/2/2012	<0.002	
11/9/2012	<0.002	
5/8/2013	<0.002	
11/5/2013	0.0036	
5/20/2014	<0.002	
11/12/2014	<0.002	
5/22/2015	<0.002	
11/11/2015	<0.002	
4/6/2016	<0.002	
6/15/2016	<0.002	
8/10/2016	<0.002	
10/4/2016	<0.002	
11/30/2016	<0.002	
2/7/2017	<0.002	
4/4/2017	<0.002	
6/20/2017	<0.002	
10/4/2017	<0.002	
3/20/2018	<0.002 (D)	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/10/2019	0.0023 (J)	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021	<0.002	
8/11/2021	<0.002	
2/15/2022	<0.002	
8/25/2022	<0.002	
2/28/2023		<0.002
8/3/2023		<0.002
3/4/2024		<0.002
8/6/2024		<0.002

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-16	GWA-16
5/9/2010	0.003 (J)	
6/16/2010	0.0042 (J)	
7/27/2010	0.0048 (J)	
9/7/2010	0.0037 (J)	
4/29/2011	0.0046 (J)	
10/28/2011	0.005	
5/2/2012	0.0052	
11/9/2012	0.0054	
5/8/2013	0.0058	
11/6/2013	0.0062 (J)	
5/20/2014	0.0047 (J)	
11/8/2014	0.0064 (J)	
5/22/2015	0.0059 (J)	
11/9/2015	0.0043 (J)	
4/6/2016	0.00457 (J)	
6/15/2016	<0.01	
8/10/2016	0.0042	
10/4/2016	0.0052	
11/29/2016	0.004	
2/7/2017	0.004	
4/4/2017	0.0021 (J)	
6/20/2017	0.0046	
10/5/2017	0.005	
3/20/2018	0.0044	
10/2/2018	0.0043	
3/26/2019	0.0046	
9/10/2019	0.0076	
3/18/2020	0.0044	
9/9/2020	0.005	
4/1/2021	0.0053	
8/11/2021	0.0059	
2/15/2022	0.0056	
8/25/2022	0.0056	
2/28/2023		0.0061
8/3/2023		0.0073
2/28/2024		0.0071
8/6/2024		0.008

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17	GWA-17
5/8/2010	0.0032 (J)	
6/16/2010	0.0037 (J)	
7/26/2010	0.0058	
9/7/2010	0.0078	
4/29/2011	0.005	
10/28/2011	0.0068	
5/2/2012	0.0065	
11/9/2012	0.006	
5/8/2013	0.0074	
11/6/2013	0.0082 (J)	
5/20/2014	0.0051 (J)	
11/8/2014	0.0074 (J)	
5/22/2015	0.0084 (J)	
11/9/2015	0.009 (J)	
4/6/2016	0.00779 (J)	
6/15/2016	<0.01	
8/10/2016	0.0068	
10/5/2016	0.0076	
11/29/2016	0.0045	
2/7/2017	0.0067	
4/4/2017	0.0079	
6/20/2017	0.0084	
10/5/2017	0.0061	
3/20/2018	0.006	
10/2/2018	0.0061	
3/26/2019	0.0065	
9/10/2019	0.012	
3/18/2020	0.0083	
9/9/2020	0.0088	
4/1/2021	0.0082	
8/11/2021	0.0089	
2/15/2022	0.0084	
8/24/2022	0.0076	
2/28/2023		0.0083
8/3/2023		0.0089
2/28/2024		0.0096
8/6/2024		0.0086

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-1	GWC-1
5/11/2010	0.0077	
6/17/2010	0.0053	
7/27/2010	0.0085	
9/9/2010	0.0076	
4/28/2011	0.0048 (J)	
10/29/2011	0.0093	
5/3/2012	0.01	
11/9/2012	0.009	
5/9/2013	0.0085	
11/5/2013	0.015	
5/23/2014	0.012	
11/13/2014	0.011	
5/23/2015	0.012	
11/11/2015	0.014	
4/12/2016	0.0135	
6/16/2016	0.014	
8/11/2016	0.013	
10/4/2016	0.014	
11/30/2016	0.013	
2/7/2017	0.013	
4/5/2017	0.014	
6/20/2017	0.013	
10/4/2017	0.015	
3/20/2018	0.013	
10/2/2018	0.014	
3/26/2019	0.013	
9/10/2019	0.018	
3/18/2020	0.014	
9/9/2020	0.014	
4/1/2021	0.014	
8/18/2021	0.014	
2/15/2022	0.011	
8/24/2022	0.014	
2/27/2023		0.014
8/9/2023		0.017
3/1/2024		0.014
8/6/2024		0.016

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-10	GWC-10
5/10/2010	0.011	
6/16/2010	0.0095	
7/28/2010	0.01	
9/8/2010	0.011	
4/29/2011	0.0096	
10/27/2011	0.011	
5/4/2012	0.01	
11/11/2012	0.01	
5/9/2013	0.011	
11/5/2013	0.015	
5/21/2014	0.013	
11/12/2014	0.012	
5/23/2015	0.014	
11/12/2015	0.016	
4/13/2016	0.0152 (D)	
6/21/2016	0.016	
8/15/2016	0.015	
10/5/2016	0.016	
12/1/2016	0.015	
2/8/2017	0.017	
4/6/2017	0.018	
6/21/2017	0.017	
10/5/2017	0.018	
3/21/2018	0.017 (J+X)	
10/2/2018	0.018	
3/27/2019	0.017	
9/11/2019	0.023	
3/18/2020	0.02	
9/9/2020	0.018	
4/1/2021	0.02	
10/18/2021	0.019	
2/15/2022	0.021	
8/25/2022	0.018	
2/21/2023		0.02
8/9/2023		0.022
3/1/2024		0.019
8/6/2024		0.018

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-11
5/10/2010	0.011	
6/16/2010	0.012	
7/27/2010	0.012	
9/8/2010	0.011	
4/29/2011	0.01	
10/27/2011	0.0077	
5/4/2012	0.0082	
11/10/2012	0.007	
5/9/2013	0.0079	
11/6/2013	0.011	
5/20/2014	0.0076 (J)	
11/12/2014	0.0071 (J)	
5/24/2015	0.0083 (J)	
11/12/2015	0.0069 (J)	
4/13/2016	0.00804 (JD)	
6/21/2016	0.0086 (J)	
8/15/2016	0.0073	
10/5/2016	0.0077	
12/1/2016	0.0075	
2/8/2017	0.0078	
4/6/2017	0.0079	
6/20/2017	0.0078	
10/5/2017	0.0081	
3/21/2018	<0.0081 (X)	
10/2/2018	0.0075	
3/27/2019	0.007	
9/11/2019	0.011	
3/18/2020	0.0086	
9/10/2020	0.009	
4/1/2021	0.0078	
8/11/2021	0.0078	
2/16/2022	0.0074	
8/25/2022	0.0069	
2/27/2023		0.0082
8/9/2023		0.0087
2/29/2024		0.0086
8/6/2024		0.0072

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-12	GWC-12
5/9/2010	<0.002	
6/18/2010	<0.002	
7/27/2010	0.002 (J)	
9/8/2010	<0.002	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/3/2012	<0.002	
11/10/2012	<0.002	
5/9/2013	<0.002	
11/6/2013	0.0031 (J)	
5/20/2014	0.002 (J)	
11/12/2014	<0.002	
5/23/2015	0.0027 (J)	
11/12/2015	0.0022 (J)	
4/13/2016	<0.002 (D)	
6/21/2016	0.0012 (J)	
8/15/2016	0.0021 (J)	
10/5/2016	0.0013 (J)	
12/1/2016	0.0015 (J)	
2/8/2017	0.0016 (J)	
4/5/2017	0.0014 (J)	
6/20/2017	0.0015 (J)	
10/5/2017	0.0015 (J)	
3/21/2018	<0.002 (XD)	
10/2/2018	0.0012 (J)	
3/26/2019	0.0013 (J)	
9/11/2019	0.0036	
3/18/2020	0.0016 (J)	
9/10/2020	<0.002	
4/1/2021	0.0015 (J)	
8/11/2021	<0.002	
2/16/2022	<0.002	
8/26/2022	<0.002	
2/27/2023		0.002
8/9/2023		0.0026
2/29/2024		0.0021
8/6/2024		0.0014 (J)

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-13	GWC-13
5/9/2010	0.0051	
6/18/2010	0.0043 (J)	
7/29/2010	0.0058	
9/9/2010	0.0052	
4/26/2011	0.0025 (J)	
10/28/2011	0.0035 (J)	
5/4/2012	0.0073	
11/11/2012	0.004 (J)	
5/8/2013	0.006	
11/7/2013	0.0068 (J)	
5/20/2014	0.0039 (J)	
11/12/2014	0.0039 (J)	
5/24/2015	0.004 (J)	
11/12/2015	0.0077 (J)	
4/13/2016	0.0038 (JD)	
6/21/2016	0.0035 (J)	
8/15/2016	0.0034	
10/7/2016	0.0037	
12/1/2016	0.0037	
2/9/2017	0.0038	
4/6/2017	0.0039	
6/22/2017	0.0042	
10/6/2017	0.0039	
3/22/2018	0.028 (Q)	
10/3/2018	0.0056	
3/26/2019	0.0048	
9/11/2019	0.0075	
3/18/2020	0.008	
9/10/2020	0.0054	
4/6/2021	0.0061	
8/11/2021	0.0051	
2/16/2022	0.005	
8/26/2022	0.0043	
2/27/2023		0.006
8/9/2023		0.0066
3/1/2024		0.0059
8/6/2024		0.0045

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-14	GWC-14
5/9/2010	<0.002	
6/18/2010	<0.002	
7/28/2010	<0.002	
9/9/2010	<0.002	
4/30/2011	<0.002	
10/28/2011	<0.002	
5/3/2012	<0.002	
11/10/2012	<0.002	
5/8/2013	<0.002	
11/5/2013	0.0036	
5/20/2014	<0.002	
11/12/2014	<0.002	
5/24/2015	<0.002	
11/11/2015	<0.002	
4/13/2016	<0.002 (D)	
6/21/2016	0.0006 (J)	
8/15/2016	<0.002	
10/4/2016	<0.002	
12/1/2016	<0.002	
2/7/2017	<0.002	
4/6/2017	<0.002	
6/20/2017	<0.002	
10/5/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/11/2019	0.0038	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021	<0.002	
8/11/2021	<0.002	
2/16/2022	<0.002	
8/26/2022	<0.002	
2/27/2023		<0.002
8/9/2023		0.0018 (J)
3/1/2024		0.0022
8/8/2024		<0.002

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-18	GWC-18
5/10/2010	0.012	
6/16/2010	0.014	
7/26/2010	0.013	
9/7/2010	0.015	
4/29/2011	0.014	
10/28/2011	0.014	
5/2/2012	0.017	
11/9/2012	0.014	
5/8/2013	0.017	
11/6/2013	0.017	
5/23/2014	0.013	
11/8/2014	0.018	
5/22/2015	0.02	
11/10/2015	0.013	
4/11/2016	0.0139	
6/16/2016	0.014	
8/11/2016	0.016	
10/5/2016	0.014	
11/29/2016	0.013	
2/8/2017	0.013	
4/6/2017	0.014	
6/21/2017	0.013	
10/5/2017	0.014	
3/20/2018	0.014	
10/2/2018	0.014	
3/26/2019	0.014	
9/11/2019	0.017	
3/18/2020	0.014	
9/9/2020	0.013	
4/1/2021	0.014	
8/11/2021	0.014	
2/16/2022	0.012	
8/25/2022	0.012	
2/28/2023		0.012
8/9/2023		0.014
2/29/2024		0.013
8/6/2024		0.013

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-19
5/11/2010	0.0039 (J)	
6/16/2010	0.0049 (J)	
7/27/2010	0.0047 (J)	
9/7/2010	0.0057	
4/29/2011	0.0087	
10/28/2011	0.0075	
5/2/2012	0.011	
11/9/2012	0.0076	
5/9/2013	0.0088	
11/6/2013	0.011	
5/22/2014	0.0057 (J)	
11/8/2014	0.013	
5/23/2015	0.014	
11/10/2015	0.0091 (J)	
4/11/2016	0.00767 (J)	
6/16/2016	<0.01	
8/11/2016	0.0085	
10/5/2016	0.01	
11/29/2016	0.0087	
2/8/2017	0.0093	
4/5/2017	0.0098	
6/21/2017	0.0094	
10/5/2017	0.0096	
3/20/2018	0.0097	
10/2/2018	0.0097	
3/26/2019	0.0091	
9/12/2019	0.012	
3/19/2020	0.012	
9/9/2020	0.011	
4/5/2021	0.012	
8/11/2021	0.013	
2/16/2022	0.011	
8/25/2022	0.015	
2/28/2023		0.014
8/8/2023		0.014
2/29/2024		0.015
8/6/2024		0.015

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-2	GWC-2
5/11/2010	0.0051	
6/19/2010	<0.011	
7/27/2010	0.01	
9/9/2010	0.0072	
4/28/2011	0.0077	
10/28/2011	0.011	
5/3/2012	0.011	
11/9/2012	0.0089	
5/9/2013	0.0089	
11/5/2013	0.011	
5/22/2014	0.01	
11/13/2014	0.0084 (J)	
5/24/2015	0.0095 (J)	
11/11/2015	0.011	
4/12/2016	0.0122	
6/16/2016	<0.011	
8/11/2016	0.01	
10/4/2016	0.011	
11/30/2016	0.0098	
2/7/2017	0.0096	
4/6/2017	0.01	
6/20/2017	0.01	
10/4/2017	0.011	
3/20/2018	0.0099	
10/2/2018	0.01	
3/26/2019	0.0096	
9/10/2019	0.014	
3/18/2020	0.011	
9/9/2020	0.01	
4/1/2021	0.0057	
8/12/2021	0.012	
2/15/2022	0.011	
8/26/2022	0.0095	
2/27/2023		0.012
8/9/2023		0.012
3/1/2024		0.011
8/6/2024		0.012

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-20	GWC-20
5/11/2010	0.0063	
6/17/2010	0.0053	
7/27/2010	0.0064	
9/7/2010	0.0078	
4/29/2011	0.0065	
10/28/2011	0.0092	
5/3/2012	0.011	
11/10/2012	0.0073	
5/9/2013	0.0098	
11/6/2013	0.011	
5/22/2014	0.0097 (J)	
11/9/2014	0.012	
5/24/2015	0.016	
11/10/2015	0.0088 (J)	
4/12/2016	0.00965 (J)	
6/16/2016	<0.0085	
8/11/2016	0.0083	
10/5/2016	0.0094	
11/30/2016	0.0084	
2/8/2017	0.0091	
4/6/2017	0.011	
6/21/2017	0.0081	
10/5/2017	0.0083	
3/21/2018	<0.0085 (X)	
10/3/2018	0.0091	
3/26/2019	0.0092	
9/12/2019	0.011	
3/19/2020	0.0094	
9/10/2020	0.009	
4/5/2021	0.008	
8/11/2021	0.0087	
2/16/2022	0.0081	
8/25/2022	0.0079	
2/28/2023		0.009
8/8/2023		0.01
3/1/2024		0.0088
8/6/2024		0.0088

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-3	GWC-3
5/11/2010	0.01	
6/17/2010	0.0087	
7/28/2010	0.028 (O)	
9/7/2010	0.022	
4/29/2011	0.0099	
10/28/2011	0.0089	
5/3/2012	0.0091	
11/9/2012	0.008	
5/10/2013	0.019	
11/6/2013	0.013	
5/22/2014	0.0093 (J)	
11/9/2014	0.0098 (J)	
5/22/2015	0.01	
11/10/2015	0.011	
4/12/2016	0.00925 (JD)	
6/20/2016	0.0076 (J)	
8/12/2016	0.0079	
10/5/2016	0.0085	
11/30/2016	0.0086	
2/8/2017	0.011	
4/6/2017	0.0098	
6/21/2017	0.011	
10/5/2017	0.01	
3/21/2018	<0.0093 (X)	
10/3/2018	0.0081	
3/26/2019	0.0075	
9/10/2019	0.0092	
3/18/2020	0.0049	
9/10/2020	0.0061	
4/6/2021	0.0074	
8/12/2021	0.0085	
2/15/2022	0.0076	
8/25/2022	0.0072	
2/28/2023		0.01
8/9/2023		0.013
3/4/2024		0.014
8/7/2024		0.018

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-4	GWC-4
5/11/2010	0.0046 (J)	
6/17/2010	0.007	
7/28/2010	0.0084	
9/8/2010	0.0071	
4/28/2011	0.008	
10/29/2011	0.0054	
5/3/2012	0.0065	
11/10/2012	0.0059	
5/10/2013	0.0083	
11/6/2013	0.0099 (J)	
5/22/2014	0.0049 (J)	
11/9/2014	0.0068 (J)	
5/22/2015	0.0087 (J)	
11/11/2015	0.0084 (J)	
4/12/2016	0.00419 (J)	
6/20/2016	0.0043 (J)	
8/12/2016	0.0037	
10/6/2016	0.0062	
11/30/2016	0.0043	
2/8/2017	0.0052	
4/6/2017	0.005	
6/22/2017	0.0052	
10/6/2017	0.0049	
3/21/2018	<0.0062 (X)	
10/3/2018	0.0039	
3/26/2019	0.0084	
9/10/2019	0.0067	
3/19/2020	0.0045	
9/10/2020	0.0055	
4/2/2021	0.0052	
8/12/2021	0.0045	
2/15/2022	0.0041	
8/25/2022	0.0038	
2/27/2023		0.0039
8/8/2023		0.0049
2/29/2024		0.0038
8/7/2024		0.0031

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-5
5/11/2010	0.004 (J)	
6/18/2010	0.0056	
7/27/2010	0.0051	
9/9/2010	0.0037 (J)	
4/29/2011	0.0036 (J)	
10/28/2011	0.0026 (J)	
5/4/2012	0.0031 (J)	
11/10/2012	<0.005	
5/9/2013	0.0033 (J)	
11/6/2013	0.0045 (J)	
5/22/2014	0.0035 (J)	
11/9/2014	0.0062 (J)	
5/24/2015	0.012	
11/11/2015	0.0068 (J)	
4/19/2016	0.00368 (J)	
6/22/2016	0.0031 (J)	
8/16/2016	0.0028	
10/6/2016	0.003	
12/1/2016	0.0022 (J)	
2/9/2017	0.0035	
4/6/2017	0.0032	
6/21/2017	0.0031	
10/5/2017	0.0029	
3/22/2018	0.0086 (J+X)	
10/3/2018	0.003	
3/27/2019	0.0039	
9/11/2019	0.0079	
3/18/2020	0.0052	
9/9/2020	0.0048	
4/1/2021	0.0058	
8/12/2021	0.0053	
2/15/2022	0.0061	
8/25/2022	0.0058	
2/28/2023		0.0068
8/8/2023		0.0066
2/29/2024		0.0074
8/6/2024		0.0067

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-6	GWC-6
5/11/2010	<0.012	
6/18/2010	0.0063	
7/27/2010	0.004 (J)	
9/9/2010	0.0053	
4/30/2011	0.0035 (J)	
10/29/2011	0.0048 (J)	
5/4/2012	0.0064	
11/10/2012	0.0084	
5/9/2013	0.0041 (J)	
11/7/2013	0.0077 (J)	
5/21/2014	0.0044 (J)	
11/9/2014	0.0071 (J)	
5/24/2015	0.01	
11/11/2015	0.0053 (J)	
4/12/2016	0.00493 (J)	
6/20/2016	0.0043 (J)	
8/12/2016	0.0037	
10/6/2016	0.004	
11/30/2016	0.0035	
2/9/2017	0.0041	
4/6/2017	0.0038	
6/21/2017	0.004	
10/6/2017	0.0038	
3/21/2018	<0.012 (X)	
10/3/2018	0.0042	
3/26/2019	0.0044	
9/11/2019	0.0078	
3/18/2020	0.0046	
9/10/2020	0.0049	
4/5/2021	0.005	
8/11/2021	0.005	
2/15/2022	0.0046	
8/25/2022	0.0046	
2/27/2023		0.0047
8/8/2023		0.0048
2/29/2024		0.0051
8/7/2024		0.0046

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-7	GWC-7
5/10/2010	0.007	
6/18/2010	0.011	
7/28/2010	0.0092	
9/9/2010	0.01	
4/30/2011	0.012	
10/29/2011	0.012	
5/4/2012	0.013	
11/10/2012	0.0097	
5/9/2013	0.013	
11/7/2013	0.013	
5/21/2014	0.0091 (J)	
11/12/2014	0.0097 (J)	
5/24/2015	0.018	
11/11/2015	0.0086 (J)	
4/13/2016	0.00924 (JD)	
6/20/2016	0.0084 (J)	
8/15/2016	0.0083	
10/6/2016	0.0081	
12/1/2016	0.0083	
2/9/2017	0.0087	
4/7/2017	0.009	
6/22/2017	0.0092	
10/6/2017	0.0095	
3/22/2018	0.0086 (J+X)	
10/4/2018	0.0083	
3/27/2019	0.0088	
9/11/2019	0.013	
3/19/2020	0.011	
9/10/2020	0.0098	
4/1/2021	0.0091	
8/11/2021	0.0092	
2/15/2022	0.0088	
8/25/2022	0.0085	
2/27/2023		0.0092
8/8/2023		0.0094
2/29/2024		0.012
8/6/2024		0.02

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-8A	GWC-8A
5/10/2010	<0.002	
6/19/2010	<0.002	
7/28/2010	0.0034 (J)	
9/8/2010	0.014	
4/30/2011	0.022	
10/27/2011	0.0064	
5/4/2012	0.0059	
11/11/2012	0.011	
5/10/2013	0.038 (O)	
11/7/2013	0.012	
5/21/2014	0.0048 (J)	
11/13/2014	0.023	
5/23/2015	0.015	
11/11/2015	0.016	
4/19/2016	0.0086 (J)	
10/10/2016	0.0052	
12/1/2016	0.0062	
2/9/2017	0.0091	
4/7/2017	<0.002	
6/21/2017	<0.002	
8/15/2017	<0.002	
9/1/2017	<0.002	
10/9/2017	<0.002	
3/22/2018	0.0079 (J+X)	
10/4/2018	<0.002	
3/27/2019	<0.002	
9/11/2019	0.0052	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/5/2021	<0.002	
8/12/2021	<0.002	
2/15/2022	<0.002	
8/25/2022	<0.002	
2/27/2023		<0.002
8/8/2023		0.0013 (J)
2/29/2024		<0.002
8/6/2024		<0.002

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-9	GWC-9
5/10/2010	0.0097	
6/16/2010	0.0074	
7/27/2010	0.0068	
9/8/2010	0.007	
4/29/2011	0.0062	
10/27/2011	0.0084	
5/3/2012	0.0099	
11/11/2012	0.0073	
5/9/2013	0.0085	
11/6/2013	0.013	
5/21/2014	0.0097 (J)	
11/12/2014	0.0072 (J)	
5/23/2015	0.0095 (J)	
11/12/2015	0.0046 (J)	
4/13/2016	0.00627 (JD)	
6/22/2016	0.0079 (J)	
8/15/2016	0.0075	
10/6/2016	0.0071	
12/1/2016	0.007	
2/8/2017	0.0047	
4/6/2017	0.006	
6/21/2017	0.0071	
10/5/2017	0.008	
3/21/2018	<0.0046 (X)	
10/2/2018	0.0081	
3/27/2019	0.0064	
9/11/2019	0.012	
3/18/2020	0.0066	
9/9/2020	0.0081	
4/1/2021	0.0018 (J)	
8/12/2021	0.0077	
2/15/2022	0.0079	
8/25/2022	0.0092	
2/27/2023		0.0094
8/8/2023		0.0085
3/1/2024		0.0092
8/6/2024		0.0084

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15	GWA-15
5/9/2010	<0.0025	
6/18/2010	<0.0025	
7/28/2010	<0.0025	
9/9/2010	<0.0025	
4/30/2011	<0.0025	
10/28/2011	<0.0025	
5/2/2012	<0.0025	
11/9/2012	<0.0025	
5/8/2013	<0.0025	
11/5/2013	<0.0025	
5/20/2014	<0.0025	
11/12/2014	<0.0025	
5/22/2015	<0.0025	
11/11/2015	<0.0025	
4/6/2016	0.00261 (O)	
6/15/2016	0.00092 (J)	
8/10/2016	0.00076 (J)	
10/4/2016	0.00081 (J)	
11/30/2016	0.00061 (J)	
2/7/2017	<0.0025	
4/4/2017	0.00084 (J)	
6/20/2017	0.0012 (J)	
10/4/2017	0.00087 (J)	
3/20/2018	0.0018 (JD)	
10/2/2018	0.0011 (J)	
3/26/2019	0.0019 (J)	
9/10/2019	0.0012 (J)	
3/18/2020	0.0017 (J)	
9/9/2020	0.0016 (J)	
4/1/2021	0.0024 (J)	
8/11/2021	0.0011 (J)	
2/15/2022	0.0029	
8/25/2022	0.0014 (J)	
2/28/2023		0.0026
8/3/2023		0.0017 (J)
3/4/2024		0.0026
8/6/2024		0.001 (J)

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-16	GWA-16
5/9/2010	<0.0025	
6/16/2010	<0.0025	
7/27/2010	<0.0025	
9/7/2010	<0.0025	
4/29/2011	0.003 (O)	
10/28/2011	<0.0025	
5/2/2012	<0.0025	
11/9/2012	<0.0025	
5/8/2013	<0.0025	
11/6/2013	<0.0025	
5/20/2014	<0.0025	
11/8/2014	<0.0025	
5/22/2015	<0.0025	
11/9/2015	<0.0025	
4/6/2016	<0.0025	
6/15/2016	2.2E-05 (J)	
8/10/2016	<0.0025	
10/4/2016	<0.0025	
11/29/2016	<0.0025	
2/7/2017	<0.0025	
4/4/2017	<0.0025	
6/20/2017	<0.0025	
10/5/2017	<0.0025	
3/20/2018	<0.0025	
10/2/2018	<0.0025	
3/26/2019	<0.0025	
9/10/2019	0.00031 (J)	
3/18/2020	0.00034 (J)	
9/9/2020	<0.0025	
4/1/2021	0.00014 (J)	
8/11/2021	<0.0025	
2/15/2022	<0.0025	
8/25/2022	<0.0025	
2/28/2023		<0.0025
8/3/2023		<0.0025
2/28/2024		<0.0025
8/6/2024		<0.0025

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17	GWA-17
5/8/2010	<0.0025	
6/16/2010	<0.0025	
7/26/2010	<0.0025	
9/7/2010	<0.0025	
4/29/2011	<0.0025	
10/28/2011	<0.0025	
5/2/2012	<0.0025	
11/9/2012	<0.0025	
5/8/2013	<0.0025	
11/6/2013	<0.0025	
5/20/2014	<0.0025	
11/8/2014	<0.0025	
5/22/2015	<0.0025	
11/9/2015	<0.0025	
4/6/2016	<0.0025	
6/15/2016	8.4E-05 (J)	
8/10/2016	<0.0025	
10/5/2016	<0.0025	
11/29/2016	<0.0025	
2/7/2017	<0.0025	
4/4/2017	<0.0025	
6/20/2017	<0.0025	
10/5/2017	<0.0025	
3/20/2018	<0.0025	
10/2/2018	<0.0025	
3/26/2019	<0.0025	
9/10/2019	0.00052 (J)	
3/18/2020	<0.0025	
9/9/2020	0.00019 (J)	
4/1/2021	<0.0025	
8/11/2021	<0.0025	
2/15/2022	<0.0025	
8/24/2022	<0.0025	
2/28/2023		<0.0025
8/3/2023		<0.0025
2/28/2024		<0.0025
8/6/2024		<0.0025

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-1	GWC-1
5/11/2010	<0.0025	
6/17/2010	<0.0025	
7/27/2010	<0.0025	
9/9/2010	<0.0025	
4/28/2011	<0.0025	
10/29/2011	<0.0025	
5/3/2012	<0.0025	
11/9/2012	<0.0025	
5/9/2013	<0.0025	
11/5/2013	<0.0025	
5/23/2014	<0.0025	
11/13/2014	<0.0025	
5/23/2015	<0.0025	
11/11/2015	<0.0025	
4/12/2016	<0.0025	
6/16/2016	<0.0025	
8/11/2016	<0.0025	
10/4/2016	<0.0025	
11/30/2016	<0.0025	
2/7/2017	<0.0025	
4/5/2017	<0.0025	
6/20/2017	<0.0025	
10/4/2017	<0.0025	
3/20/2018	<0.0025	
10/2/2018	<0.0025	
3/26/2019	<0.0025	
9/10/2019	<0.0025	
3/18/2020	0.00017 (J)	
9/9/2020	<0.0025	
4/1/2021	<0.0025	
8/18/2021	0.00025 (J)	
2/15/2022	<0.0025	
8/24/2022	<0.0025	
2/27/2023		<0.0025
8/9/2023		<0.0025
3/1/2024		<0.0025
8/6/2024		<0.0025

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-11
5/10/2010	<0.0025	
6/16/2010	<0.0025	
7/27/2010	<0.0025	
9/8/2010	<0.0025	
4/29/2011	<0.0025	
10/27/2011	<0.0025	
5/4/2012	<0.0025	
11/10/2012	<0.0025	
5/9/2013	<0.0025	
11/6/2013	<0.0025	
5/20/2014	<0.0025	
11/12/2014	<0.0025	
5/24/2015	<0.0025	
11/12/2015	<0.0025	
4/13/2016	<0.0025 (D)	
6/21/2016	<0.0025	
8/15/2016	<0.0025	
10/5/2016	<0.0025	
12/1/2016	<0.0025	
2/8/2017	<0.0025	
4/6/2017	<0.0025	
6/20/2017	<0.0025	
10/5/2017	<0.0025	
3/21/2018	<0.0025	
10/2/2018	<0.0025	
3/27/2019	<0.0025	
9/11/2019	<0.0025	
3/18/2020	<0.0025	
9/10/2020	0.00033 (J)	
4/1/2021	<0.0025	
8/11/2021	<0.0025	
2/16/2022	<0.0025	
8/25/2022	<0.0025	
2/27/2023		<0.0025
8/9/2023		<0.0025
2/29/2024		<0.0025
8/6/2024		<0.0025

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-12	GWC-12
5/9/2010	<0.0025	
6/18/2010	<0.0025	
7/27/2010	<0.0025	
9/8/2010	<0.0025	
4/29/2011	<0.0025	
10/28/2011	<0.0025	
5/3/2012	<0.0025	
11/10/2012	<0.0025	
5/9/2013	<0.0025	
11/6/2013	<0.0025	
5/20/2014	<0.0025	
11/12/2014	<0.0025	
5/23/2015	<0.0025	
11/12/2015	<0.0025	
4/13/2016	<0.0025 (D)	
6/21/2016	0.0004 (J)	
8/15/2016	0.00042 (J)	
10/5/2016	0.00049 (J)	
12/1/2016	<0.0025	
2/8/2017	<0.0025	
4/5/2017	<0.0025	
6/20/2017	0.0004 (J)	
10/5/2017	0.00041 (J)	
3/21/2018	<0.0025	
10/2/2018	<0.0025	
3/26/2019	<0.0025	
9/11/2019	0.00042 (J)	
3/18/2020	0.00013 (J)	
9/10/2020	0.00057 (J)	
4/1/2021	0.00028 (J)	
8/11/2021	0.00033 (J)	
2/16/2022	0.00033 (J)	
8/26/2022	0.00033 (J)	
2/27/2023		<0.0025
8/9/2023		0.00035 (J)
2/29/2024		0.00027 (J)
8/6/2024		0.00029 (J)

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-18	GWC-18
5/10/2010	<0.0025	
6/16/2010	<0.0025	
7/26/2010	<0.0025	
9/7/2010	<0.0025	
4/29/2011	<0.0025	
10/28/2011	<0.0025	
5/2/2012	<0.0025	
11/9/2012	<0.0025	
5/8/2013	<0.0025	
11/6/2013	<0.0025	
5/23/2014	<0.0025	
11/8/2014	<0.0025	
5/22/2015	0.0032 (O)	
11/10/2015	<0.0025	
4/11/2016	<0.0025	
6/16/2016	<0.0025	
8/11/2016	<0.0025	
10/5/2016	<0.0025	
11/29/2016	<0.0025	
2/8/2017	<0.0025	
4/6/2017	<0.0025	
6/21/2017	<0.0025	
10/5/2017	<0.0025	
3/20/2018	<0.0025	
10/2/2018	<0.0025	
3/26/2019	<0.0025	
9/11/2019	0.00023 (J)	
3/18/2020	0.00018 (J)	
9/9/2020	0.00014 (J)	
4/1/2021	<0.0025	
8/11/2021	0.00021 (J)	
2/16/2022	<0.0025	
8/25/2022	<0.0025	
2/28/2023		<0.0025
8/9/2023		<0.0025
2/29/2024		<0.0025
8/6/2024		<0.0025

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-19
5/11/2010	<0.0025	
6/16/2010	<0.0025	
7/27/2010	<0.0025	
9/7/2010	<0.0025	
4/29/2011	<0.0025	
10/28/2011	<0.0025	
5/2/2012	<0.0025	
11/9/2012	<0.0025	
5/9/2013	<0.0025	
11/6/2013	<0.0025	
5/22/2014	<0.0025	
11/8/2014	<0.0025	
5/23/2015	<0.0025	
11/10/2015	<0.0025	
4/11/2016	<0.0025	
6/16/2016	<0.0025	
8/11/2016	<0.0025	
10/5/2016	<0.0025	
11/29/2016	<0.0025	
2/8/2017	<0.0025	
4/5/2017	<0.0025	
6/21/2017	<0.0025	
10/5/2017	<0.0025	
3/20/2018	<0.0025	
10/2/2018	<0.0025	
3/26/2019	<0.0025	
9/12/2019	0.00021 (J)	
3/19/2020	0.00014 (J)	
9/9/2020	<0.0025	
4/5/2021	<0.0025	
8/11/2021	<0.0025	
2/16/2022	<0.0025	
8/25/2022	<0.0025	
2/28/2023		<0.0025
8/8/2023		<0.0025
2/29/2024		<0.0025
8/6/2024		<0.0025

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-2	GWC-2
5/11/2010	<0.0025	
6/19/2010	<0.0025	
7/27/2010	<0.0025	
9/9/2010	<0.0025	
4/28/2011	<0.0025	
10/28/2011	<0.0025	
5/3/2012	<0.0025	
11/9/2012	<0.0025	
5/9/2013	<0.0025	
11/5/2013	<0.0025	
5/22/2014	<0.0025	
11/13/2014	<0.0025	
5/24/2015	<0.0025	
11/11/2015	<0.0025	
4/12/2016	<0.0025	
6/16/2016	<0.0025	
8/11/2016	<0.0025	
10/4/2016	<0.0025	
11/30/2016	<0.0025	
2/7/2017	<0.0025	
4/6/2017	<0.0025	
6/20/2017	<0.0025	
10/4/2017	<0.0025	
3/20/2018	<0.0025	
10/2/2018	<0.0025	
3/26/2019	<0.0025	
9/10/2019	0.00015 (J)	
3/18/2020	<0.0025	
9/9/2020	<0.0025	
4/1/2021	<0.0025	
8/12/2021	0.0002 (J)	
2/15/2022	<0.0025	
8/26/2022	<0.0025	
2/27/2023		<0.0025
8/9/2023		<0.0025
3/1/2024		<0.0025
8/6/2024		<0.0025

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-20	GWC-20
5/11/2010	<0.0025	
6/17/2010	<0.0025	
7/27/2010	<0.0025	
9/7/2010	<0.0025	
4/29/2011	<0.0025	
10/28/2011	<0.0025	
5/3/2012	<0.0025	
11/10/2012	<0.0025	
5/9/2013	<0.0025	
11/6/2013	<0.0025	
5/22/2014	<0.0025	
11/9/2014	<0.0025	
5/24/2015	<0.0025	
11/10/2015	<0.0025	
4/12/2016	<0.0025	
6/16/2016	0.00012 (J)	
8/11/2016	<0.0025	
10/5/2016	<0.0025	
11/30/2016	<0.0025	
2/8/2017	<0.0025	
4/6/2017	0.0005 (J)	
6/21/2017	<0.0025	
10/5/2017	<0.0025	
3/21/2018	<0.0025	
10/3/2018	<0.0025	
3/26/2019	<0.0025	
9/12/2019	0.00021 (J)	
3/19/2020	0.00026 (J)	
9/10/2020	0.00018 (J)	
4/5/2021	<0.0025	
8/11/2021	<0.0025	
2/16/2022	<0.0025	
8/25/2022	<0.0025	
2/28/2023		<0.0025
8/8/2023		<0.0025
3/1/2024		<0.0025
8/6/2024		<0.0025

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-3	GWC-3
5/11/2010	<0.0025	
6/17/2010	<0.0025	
7/28/2010	0.0034 (O)	
9/7/2010	<0.0025	
4/29/2011	0.0037 (O)	
10/28/2011	<0.0025	
5/3/2012	<0.0025	
11/9/2012	<0.0025	
5/10/2013	<0.0025	
11/6/2013	<0.0025	
5/22/2014	<0.0025	
11/9/2014	<0.0025	
5/22/2015	<0.0025	
11/10/2015	<0.0025	
4/12/2016	<0.0025 (D)	
6/20/2016	0.0001 (J)	
8/12/2016	0.00042 (J)	
10/5/2016	<0.0025	
11/30/2016	<0.0025	
2/8/2017	<0.0025	
4/6/2017	<0.0025	
6/21/2017	0.00042 (J)	
10/5/2017	<0.0025	
3/21/2018	<0.0025	
10/3/2018	<0.0025	
3/26/2019	<0.0025	
9/10/2019	0.00028 (J)	
3/18/2020	0.00014 (J)	
9/10/2020	0.00023 (J)	
4/6/2021	0.00031 (J)	
8/12/2021	0.00067 (J)	
2/15/2022	<0.0025	
8/25/2022	0.00046 (J)	
2/28/2023		<0.0025
8/9/2023		<0.0025
3/4/2024		<0.0025
8/7/2024		0.00023 (J)

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-4	GWC-4
5/11/2010	<0.0025	
6/17/2010	<0.0025	
7/28/2010	<0.0025	
9/8/2010	<0.0025	
4/28/2011	<0.0025	
10/29/2011	<0.0025	
5/3/2012	<0.0025	
11/10/2012	<0.0025	
5/10/2013	<0.0025	
11/6/2013	<0.0025	
5/22/2014	<0.0025	
11/9/2014	<0.0025	
5/22/2015	<0.0025	
11/11/2015	<0.0025	
4/12/2016	<0.0025	
6/20/2016	0.00016 (J)	
8/12/2016	<0.0025	
10/6/2016	0.00068 (J)	
11/30/2016	<0.0025	
2/8/2017	<0.0025	
4/6/2017	<0.0025	
6/22/2017	<0.0025	
10/6/2017	<0.0025	
3/21/2018	<0.0025	
10/3/2018	<0.0025	
3/26/2019	0.00096 (J)	
9/10/2019	<0.0025	
3/19/2020	0.00021 (J)	
9/10/2020	0.00032 (J)	
4/2/2021	0.00026 (J)	
8/12/2021	<0.0025	
2/15/2022	<0.0025	
8/25/2022	<0.0025	
2/27/2023		<0.0025
8/8/2023		<0.0025
2/29/2024		<0.0025
8/7/2024		<0.0025

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-5
5/11/2010	<0.0025	
6/18/2010	<0.0025	
7/27/2010	<0.0025	
9/9/2010	<0.0025	
4/29/2011	<0.0025	
10/28/2011	<0.0025	
5/4/2012	<0.0025	
11/10/2012	<0.0025	
5/9/2013	<0.0025	
11/6/2013	<0.0025	
5/22/2014	<0.0025	
11/9/2014	<0.0025	
5/24/2015	<0.0025	
11/11/2015	<0.0025	
4/19/2016	<0.0025	
6/22/2016	<0.0025	
8/16/2016	<0.0025	
10/6/2016	<0.0025	
12/1/2016	<0.0025	
2/9/2017	<0.0025	
4/6/2017	<0.0025	
6/21/2017	<0.0025	
10/5/2017	<0.0025	
3/22/2018	<0.0025	
10/3/2018	<0.0025	
3/27/2019	<0.0025	
9/11/2019	9.9E-05 (J)	
3/18/2020	<0.0025	
9/9/2020	<0.0025	
4/1/2021	<0.0025	
8/12/2021	<0.0025	
2/15/2022	<0.0025	
8/25/2022	<0.0025	
2/28/2023		<0.0025
8/8/2023		<0.0025
2/29/2024		<0.0025
8/6/2024		<0.0025

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-6	GWC-6
5/11/2010	<0.0025	
6/18/2010	<0.0025	
7/27/2010	<0.0025	
9/9/2010	<0.0025	
4/30/2011	<0.0025	
10/29/2011	<0.0025	
5/4/2012	<0.0025	
11/10/2012	<0.0025	
5/9/2013	<0.0025	
11/7/2013	<0.0025	
5/21/2014	<0.0025	
11/9/2014	<0.0025	
5/24/2015	<0.0025	
11/11/2015	<0.0025	
4/12/2016	<0.0025	
6/20/2016	3E-05 (J)	
8/12/2016	<0.0025	
10/6/2016	<0.0025	
11/30/2016	<0.0025	
2/9/2017	<0.0025	
4/6/2017	<0.0025	
6/21/2017	<0.0025	
10/6/2017	<0.0025	
3/21/2018	<0.0025	
10/3/2018	<0.0025	
3/26/2019	<0.0025	
9/11/2019	8.7E-05 (J)	
3/18/2020	<0.0025	
9/10/2020	<0.0025	
4/5/2021	0.00015 (J)	
8/11/2021	<0.0025	
2/15/2022	<0.0025	
8/25/2022	<0.0025	
2/27/2023		<0.0025
8/8/2023		<0.0025
2/29/2024		<0.0025
8/7/2024		<0.0025

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-7	GWC-7
5/10/2010	<0.0025	
6/18/2010	<0.0025	
7/28/2010	<0.0025	
9/9/2010	<0.0025	
4/30/2011	<0.0025	
10/29/2011	<0.0025	
5/4/2012	<0.0025	
11/10/2012	<0.0025	
5/9/2013	<0.0025	
11/7/2013	<0.0025	
5/21/2014	<0.0025	
11/12/2014	<0.0025	
5/24/2015	<0.0025	
11/11/2015	<0.0025	
4/13/2016	<0.0025 (D)	
6/20/2016	8.6E-05 (J)	
8/15/2016	<0.0025	
10/6/2016	<0.0025	
12/1/2016	<0.0025	
2/9/2017	<0.0025	
4/7/2017	<0.0025	
6/22/2017	<0.0025	
10/6/2017	<0.0025	
3/22/2018	<0.0025	
10/4/2018	<0.0025	
3/27/2019	<0.0025	
9/11/2019	0.00016 (J)	
3/19/2020	0.00013 (J)	
9/10/2020	0.00038 (J)	
4/1/2021	0.00015 (J)	
8/11/2021	<0.0025	
2/15/2022	<0.0025	
8/25/2022	<0.0025	
2/27/2023		<0.0025
8/8/2023		<0.0025
2/29/2024		<0.0025
8/6/2024		<0.0025

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-8A	GWC-8A
5/10/2010	<0.0025	
6/19/2010	<0.0025	
7/28/2010	<0.0025	
9/8/2010	<0.0025	
4/30/2011	0.0063 (O)	
10/27/2011	<0.0025	
5/4/2012	<0.0025	
11/11/2012	<0.0025	
5/10/2013	0.0068 (O)	
11/7/2013	<0.0025	
5/21/2014	<0.0025	
11/13/2014	0.0046	
5/23/2015	<0.0025	
11/11/2015	<0.0025	
4/19/2016	<0.0025	
10/10/2016	<0.0025	
12/1/2016	0.00068 (J)	
2/9/2017	0.0009 (J)	
4/7/2017	0.0011 (J)	
6/21/2017	0.00064 (J)	
8/15/2017	0.001 (J)	
9/1/2017	0.00089 (J)	
10/9/2017	0.00085 (J)	
3/22/2018	<0.0004 (o)	
10/4/2018	0.00048 (J)	
3/27/2019	0.0012 (J)	
9/11/2019	0.00085 (J)	
3/18/2020	0.0027	
9/9/2020	0.0043	
4/5/2021	0.0026	
8/12/2021	0.0019 (J)	
2/15/2022	0.0037	
8/25/2022	0.0021 (J)	
2/27/2023		0.004
8/8/2023		0.0044
2/29/2024		0.0031
8/6/2024		0.0017 (J)

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-9	GWC-9
5/10/2010	<0.0025	
6/16/2010	<0.0025	
7/27/2010	<0.0025	
9/8/2010	<0.0025	
4/29/2011	<0.0025	
10/27/2011	<0.0025	
5/3/2012	<0.0025	
11/11/2012	<0.0025	
5/9/2013	<0.0025	
11/6/2013	<0.0025	
5/21/2014	<0.0025	
11/12/2014	<0.0025	
5/23/2015	<0.0025	
11/12/2015	<0.0025	
4/13/2016	<0.0025 (D)	
6/22/2016	<0.0025	
8/15/2016	<0.0025	
10/6/2016	<0.0025	
12/1/2016	<0.0025	
2/8/2017	<0.0025	
4/6/2017	<0.0025	
6/21/2017	<0.0025	
10/5/2017	<0.0025	
3/21/2018	<0.0025	
10/2/2018	<0.0025	
3/27/2019	<0.0025	
9/11/2019	0.00016 (J)	
3/18/2020	<0.0025	
9/9/2020	0.00023 (J)	
4/1/2021	0.00015 (J)	
8/12/2021	0.00013 (J)	
2/15/2022	<0.0025	
8/25/2022	0.00053 (J)	
2/27/2023		<0.0025
8/8/2023		<0.0025
3/1/2024		<0.0025
8/6/2024		<0.0025

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-16	GWA-16
5/9/2010	<0.002	
6/16/2010	<0.002	
7/27/2010	<0.002	
9/7/2010	<0.002	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/2/2012	<0.002	
11/9/2012	<0.002	
5/8/2013	<0.002	
11/6/2013	<0.002	
5/20/2014	<0.002	
11/8/2014	<0.002	
5/22/2015	<0.002	
11/9/2015	<0.002	
4/6/2016	<0.002	
10/4/2016	<0.002	
4/4/2017	<0.002	
10/5/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/10/2019	0.00095 (J)	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021	0.00074 (J)	
8/11/2021	<0.002	
2/15/2022	<0.002	
8/25/2022	<0.002	
2/28/2023		<0.002
8/3/2023		<0.002
2/28/2024		<0.002
8/6/2024		<0.002

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17	GWA-17
5/8/2010	<0.002	
6/16/2010	<0.002	
7/26/2010	<0.002	
9/7/2010	<0.002	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/2/2012	<0.002	
11/9/2012	<0.002	
5/8/2013	<0.002	
11/6/2013	<0.002	
5/20/2014	<0.002	
11/8/2014	<0.002	
5/22/2015	<0.002	
11/9/2015	<0.002	
4/6/2016	<0.002	
10/5/2016	<0.002	
4/4/2017	<0.002	
10/5/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/10/2019	0.0012 (J)	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021	<0.002	
8/11/2021	<0.002	
2/15/2022	<0.002	
8/24/2022	<0.002	
2/28/2023		<0.002
8/3/2023		<0.002
2/28/2024		<0.002
8/6/2024		<0.002

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-1	GWC-1
5/11/2010	<0.002	
6/17/2010	<0.002	
7/27/2010	<0.002	
9/9/2010	<0.002	
4/28/2011	<0.002	
10/29/2011	<0.002	
5/3/2012	<0.002	
11/9/2012	<0.002	
5/9/2013	<0.002	
11/5/2013	<0.002	
5/23/2014	<0.002	
11/13/2014	<0.002	
5/23/2015	<0.002	
11/11/2015	<0.002	
4/12/2016	<0.002	
10/4/2016	<0.002	
4/5/2017	<0.002	
10/4/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/10/2019	<0.002	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021	<0.002	
8/18/2021	0.0011 (J)	
2/15/2022	0.0013 (J)	
8/24/2022	<0.002	
2/27/2023		<0.002
8/9/2023		<0.002
3/1/2024		<0.002
8/6/2024		<0.002

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-11
5/10/2010	<0.002	
6/16/2010	<0.002	
7/27/2010	<0.002	
9/8/2010	<0.002	
4/29/2011	<0.002	
10/27/2011	<0.002	
5/4/2012	<0.002	
11/10/2012	<0.002	
5/9/2013	<0.002	
11/6/2013	<0.002	
5/20/2014	<0.002	
11/12/2014	<0.002	
5/24/2015	<0.002	
11/12/2015	<0.002	
4/13/2016	<0.002 (D)	
10/5/2016	<0.002	
4/6/2017	<0.002	
10/5/2017	0.0021 (J)	
3/21/2018	<0.002	
10/2/2018	<0.002	
3/27/2019	<0.002	
9/11/2019	<0.002	
3/18/2020	<0.002	
9/10/2020	0.0007 (J)	
4/1/2021	<0.002	
8/11/2021	<0.002	
2/16/2022	<0.002	
8/25/2022	<0.002	
2/27/2023		<0.002
8/9/2023		<0.002
2/29/2024		<0.002
8/6/2024		<0.002

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-13	GWC-13
5/9/2010	<0.002	
6/18/2010	<0.002	
7/29/2010	<0.002	
9/9/2010	<0.002	
4/26/2011	<0.002	
10/28/2011	<0.002	
5/4/2012	0.0024 (J)	
11/11/2012	<0.002	
5/8/2013	<0.002	
11/7/2013	<0.002	
5/20/2014	<0.002	
11/12/2014	<0.002	
5/24/2015	<0.002	
11/12/2015	<0.002	
4/13/2016	<0.002 (D)	
10/7/2016	<0.002	
4/6/2017	<0.002	
10/6/2017	<0.002	
3/22/2018	<0.002	
10/3/2018	<0.002	
3/26/2019	<0.002	
9/11/2019	<0.002	
3/18/2020	<0.002	
9/10/2020	<0.002	
4/6/2021	<0.002	
8/11/2021	<0.002	
2/16/2022	<0.002	
8/26/2022	<0.002	
2/27/2023		<0.002
8/9/2023		<0.002
3/1/2024		<0.002
8/6/2024		<0.002

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-14	GWC-14
5/9/2010	<0.002	
6/18/2010	<0.002	
7/28/2010	<0.002	
9/9/2010	<0.002	
4/30/2011	<0.002	
10/28/2011	<0.002	
5/3/2012	0.0021 (J)	
11/10/2012	<0.002	
5/8/2013	<0.002	
11/5/2013	<0.002	
5/20/2014	<0.002	
11/12/2014	<0.002	
5/24/2015	<0.002	
11/11/2015	<0.002	
4/13/2016	<0.002 (D)	
10/4/2016	<0.002	
4/6/2017	<0.002	
10/5/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/11/2019	<0.002	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021	<0.002	
8/11/2021	<0.002	
2/16/2022	<0.002	
8/26/2022	<0.002	
2/27/2023		<0.002
8/9/2023		<0.002
3/1/2024		<0.002
8/8/2024		<0.002

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-18	GWC-18
5/10/2010	<0.002	
6/16/2010	0.0025 (J)	
7/26/2010	0.0023 (J)	
9/7/2010	<0.002	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/2/2012	<0.002	
11/9/2012	<0.002	
5/8/2013	<0.002	
11/6/2013	<0.002	
5/23/2014	<0.002	
11/8/2014	<0.002	
5/22/2015	<0.002	
11/10/2015	<0.002	
4/11/2016	<0.002	
10/5/2016	<0.002	
4/6/2017	<0.002	
10/5/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/11/2019	0.00084 (J)	
3/18/2020	<0.002	
9/9/2020	0.00084 (J)	
4/1/2021	<0.002	
8/11/2021	<0.002	
2/16/2022	<0.002	
8/25/2022	<0.002	
2/28/2023		0.0011 (J)
8/9/2023		<0.002
2/29/2024		<0.002
8/6/2024		<0.002

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-2	GWC-2
5/11/2010	<0.002	
6/19/2010	<0.002	
7/27/2010	<0.002	
9/9/2010	<0.002	
4/28/2011	<0.002	
10/28/2011	<0.002	
5/3/2012	<0.002	
11/9/2012	<0.002	
5/9/2013	<0.002	
11/5/2013	<0.002	
5/22/2014	<0.002	
11/13/2014	<0.002	
5/24/2015	<0.002	
11/11/2015	<0.002	
4/12/2016	<0.002	
10/4/2016	<0.002	
4/6/2017	<0.002	
10/4/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/10/2019	<0.002	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021	0.00069 (J)	
8/12/2021	0.00078 (J)	
2/15/2022	0.0013 (J)	
8/26/2022	<0.002	
2/27/2023		<0.002
8/9/2023		<0.002
3/1/2024		<0.002
8/6/2024		<0.002

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-20	GWC-20
5/11/2010	<0.002	
6/17/2010	<0.002	
7/27/2010	0.0021 (J)	
9/7/2010	<0.002	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/3/2012	<0.002	
11/10/2012	<0.002	
5/9/2013	<0.002	
11/6/2013	<0.002	
5/22/2014	<0.002	
11/9/2014	<0.002	
5/24/2015	<0.002	
11/10/2015	<0.002	
4/12/2016	<0.002	
10/5/2016	<0.002	
4/6/2017	<0.002	
10/5/2017	<0.002	
3/21/2018	<0.002	
10/3/2018	<0.002	
3/26/2019	<0.002	
3/19/2020	<0.002	
9/10/2020	<0.002	
4/5/2021	<0.002	
8/11/2021	<0.002	
2/16/2022	<0.002	
8/25/2022	<0.002	
2/28/2023		<0.002
8/8/2023		<0.002
3/1/2024		<0.002
8/6/2024		<0.002

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-3	GWC-3
5/11/2010	0.003 (J)	
6/17/2010	<0.002	
7/28/2010	0.012 (O)	
9/7/2010	0.0026 (J)	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/3/2012	<0.002	
11/9/2012	<0.002	
5/10/2013	0.0042 (J)	
11/6/2013	<0.002	
5/22/2014	<0.002	
11/9/2014	<0.002	
5/22/2015	<0.002	
11/10/2015	<0.002	
4/12/2016	<0.002 (D)	
10/5/2016	<0.002	
4/6/2017	<0.002	
10/5/2017	<0.002	
3/21/2018	<0.002	
10/3/2018	<0.002	
3/26/2019	<0.002	
9/10/2019	0.0011 (J)	
3/18/2020	<0.002	
9/10/2020	0.00072 (J)	
4/6/2021	0.00088 (J)	
8/12/2021	0.0019 (J)	
2/15/2022	0.0013 (J)	
8/25/2022	0.0013 (J)	
2/28/2023		<0.002
8/9/2023		<0.002
3/4/2024		<0.002
8/7/2024		<0.002

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-4	GWC-4
5/11/2010	<0.002	
6/17/2010	0.0022 (J)	
7/28/2010	0.0033 (J)	
9/8/2010	<0.002	
4/28/2011	0.0037 (J)	
10/29/2011	<0.002	
5/3/2012	0.0031 (J)	
11/10/2012	0.0021 (J)	
5/10/2013	0.0025 (J)	
11/6/2013	0.0032 (J)	
5/22/2014	<0.002	
11/9/2014	<0.002	
5/22/2015	<0.002	
11/11/2015	0.002 (J)	
4/12/2016	<0.002	
10/6/2016	0.0022 (J)	
4/6/2017	<0.002	
10/6/2017	<0.002	
3/21/2018	<0.002	
10/3/2018	<0.002	
3/26/2019	0.0039	
9/10/2019	0.0017 (J)	
3/19/2020	<0.002	
9/10/2020	0.0011 (J)	
4/2/2021	0.0012 (J)	
8/12/2021	<0.002	
2/15/2022	0.0011 (J)	
8/25/2022	<0.002	
2/27/2023		<0.002
8/8/2023		<0.002
2/29/2024		<0.002
8/7/2024		<0.002

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-6	GWC-6
5/11/2010	<0.002	
6/18/2010	0.0026 (J)	
7/27/2010	0.0029 (J)	
9/9/2010	<0.002	
4/30/2011	<0.002	
10/29/2011	<0.002	
5/4/2012	0.0037 (J)	
11/10/2012	<0.002	
5/9/2013	<0.002	
11/7/2013	<0.002	
5/21/2014	<0.002	
11/9/2014	<0.002	
5/24/2015	<0.002	
11/11/2015	<0.002	
4/12/2016	<0.002	
10/6/2016	<0.002	
4/6/2017	<0.002	
10/6/2017	<0.002	
3/21/2018	<0.002	
10/3/2018	<0.002	
3/26/2019	<0.002	
9/11/2019	0.00066 (J)	
3/18/2020	<0.002	
9/10/2020	<0.002	
4/5/2021	<0.002	
8/11/2021	<0.002	
2/15/2022	<0.002	
8/25/2022	<0.002	
2/27/2023		<0.002
8/8/2023		<0.002
2/29/2024		<0.002
8/7/2024		<0.002

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-7	GWC-7
5/10/2010	<0.002	
6/18/2010	0.008 (O)	
7/28/2010	0.0021 (J)	
9/9/2010	<0.002	
4/30/2011	<0.002	
10/29/2011	<0.002	
5/4/2012	<0.002	
11/10/2012	<0.002	
5/9/2013	<0.002	
11/7/2013	0.0022 (J)	
5/21/2014	<0.002	
11/12/2014	<0.002	
5/24/2015	0.0022 (J)	
11/11/2015	<0.002	
4/13/2016	<0.002 (D)	
10/6/2016	<0.002	
4/7/2017	<0.002	
10/6/2017	0.0026	
3/22/2018	<0.002	
10/4/2018	<0.002	
3/27/2019	<0.002	
9/11/2019	0.00086 (J)	
3/19/2020	<0.002	
9/10/2020	0.0024	
4/1/2021	0.00094 (J)	
8/11/2021	<0.002	
2/15/2022	<0.002	
8/25/2022	<0.002	
2/27/2023		<0.002
8/8/2023		<0.002
2/29/2024		<0.002
8/6/2024		<0.002

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-8A	GWC-8A
5/10/2010	0.0036 (J)	
6/19/2010	0.004 (J)	
7/28/2010	0.013	
9/8/2010	0.068	
4/30/2011	0.098	
10/27/2011	0.02	
5/4/2012	0.024	
11/11/2012	0.032	
5/10/2013	0.18 (o)	
11/7/2013	0.021	
5/21/2014	0.0089 (J)	
11/13/2014	0.1	
5/23/2015	0.048	
11/11/2015	0.059	
4/19/2016	0.0131 (J)	
10/10/2016	0.0046	
4/7/2017	<0.002	
10/9/2017	<0.002	
3/22/2018	<0.002	
10/4/2018	<0.002	
3/27/2019	<0.002	
9/11/2019	<0.002	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/5/2021	<0.002	
8/12/2021	<0.002	
2/15/2022	<0.002	
8/25/2022	<0.002	
2/27/2023		<0.002
8/8/2023		<0.002
2/29/2024		<0.002
8/6/2024		<0.002

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-9	GWC-9
5/10/2010	<0.002	
6/16/2010	<0.002	
7/27/2010	<0.002	
9/8/2010	<0.002	
4/29/2011	<0.002	
10/27/2011	<0.002	
5/3/2012	0.0023	
11/11/2012	<0.002	
5/9/2013	<0.002	
11/6/2013	<0.002	
5/21/2014	<0.002	
11/12/2014	<0.002	
5/23/2015	<0.002	
11/12/2015	<0.002	
4/13/2016	<0.002 (D)	
10/6/2016	<0.002	
4/6/2017	<0.002	
10/5/2017	<0.002	
3/21/2018	0.0038	
10/2/2018	<0.002	
3/27/2019	<0.002	
9/11/2019	<0.002	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021	<0.002	
8/12/2021	<0.002	
2/15/2022	<0.002	
8/25/2022	0.0017 (J)	
2/27/2023		0.0013 (J)
8/8/2023		<0.002
3/1/2024		<0.002
8/6/2024		<0.002

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-16	GWA-16
5/9/2010	0.0021 (J)	
6/16/2010	0.0028 (J)	
7/27/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	0.0032 (J)	
10/28/2011	0.0025 (J)	
5/2/2012	<0.001	
11/9/2012	0.0024 (J)	
5/8/2013	0.0051	
11/6/2013	0.0033 (J)	
5/20/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	0.0036 (J)	
11/9/2015	0.0039 (J)	
4/6/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
10/4/2016	<0.001	
11/29/2016	<0.001	
2/7/2017	<0.001	
4/4/2017	<0.001	
6/20/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	0.00016 (J)	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/11/2021	<0.001	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/28/2023		<0.001
8/3/2023		<0.001
2/28/2024		<0.001
8/6/2024		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17	GWA-17
5/8/2010	<0.001	
6/16/2010	0.0021 (J)	
7/26/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	0.0024 (J)	
10/28/2011	0.002 (J)	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	0.0034 (J)	
11/6/2013	0.0028 (J)	
5/20/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	0.0032 (J)	
11/9/2015	<0.001	
4/6/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
10/5/2016	<0.001	
11/29/2016	<0.001	
2/7/2017	<0.001	
4/4/2017	<0.001	
6/20/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	0.00022 (J)	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/11/2021	<0.001	
2/15/2022	<0.001	
8/24/2022	<0.001	
2/28/2023		<0.001
8/3/2023		<0.001
2/28/2024		<0.001
8/6/2024		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-1	GWC-1
5/11/2010	<0.001	
6/17/2010	0.0026 (J)	
7/27/2010	<0.001	
9/9/2010	<0.001	
4/28/2011	0.0036 (J)	
10/29/2011	0.0038 (J)	
5/3/2012	<0.001	
11/9/2012	0.0024 (J)	
5/9/2013	0.0085	
11/5/2013	0.0042 (J)	
5/23/2014	<0.001	
11/13/2014	<0.001	
5/23/2015	0.0044 (J)	
11/11/2015	0.0042 (J)	
4/12/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/4/2016	<0.001	
11/30/2016	<0.001	
2/7/2017	<0.001	
4/5/2017	<0.001	
6/20/2017	<0.001	
10/4/2017	0.00067 (J)	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	<0.001	
3/18/2020	0.00023 (J)	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/18/2021	<0.001	
2/15/2022	<0.001	
8/24/2022	<0.001	
2/27/2023		<0.001
8/9/2023		<0.001
3/1/2024		0.00028 (J)
8/6/2024		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-10	GWC-10
5/10/2010	<0.001	
6/16/2010	0.002 (J)	
7/28/2010	<0.001	
9/8/2010	<0.001	
4/29/2011	0.003 (J)	
10/27/2011	0.0027 (J)	
5/4/2012	<0.001	
11/11/2012	0.0022 (J)	
5/9/2013	0.007	
11/5/2013	0.0048 (J)	
5/21/2014	<0.001	
11/12/2014	0.002 (J)	
5/23/2015	0.0035 (J)	
11/12/2015	0.0032 (J)	
4/13/2016	<0.001 (D)	
6/21/2016	<0.001	
8/15/2016	<0.001	
10/5/2016	<0.001	
12/1/2016	<0.001	
2/8/2017	<0.001	
4/6/2017	<0.001	
6/21/2017	<0.001	
10/5/2017	<0.001	
3/21/2018	<0.001	
10/2/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021	<0.001	
10/18/2021	<0.001	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/21/2023		<0.001
8/9/2023		<0.001
3/1/2024		<0.001
8/6/2024		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-11
5/10/2010	<0.001	
6/16/2010	<0.001	
7/27/2010	<0.001	
9/8/2010	<0.001	
4/29/2011	0.0032 (J)	
10/27/2011	0.0027 (J)	
5/4/2012	<0.001	
11/10/2012	0.0025 (J)	
5/9/2013	0.0051	
11/6/2013	0.0037 (J)	
5/20/2014	<0.001	
11/12/2014	<0.001	
5/24/2015	0.0037 (J)	
11/12/2015	0.0038 (J)	
4/13/2016	<0.001 (D)	
6/21/2016	<0.001	
8/15/2016	<0.001	
10/5/2016	<0.001	
12/1/2016	<0.001	
2/8/2017	<0.001	
4/6/2017	<0.001	
6/20/2017	<0.001	
10/5/2017	<0.001	
3/21/2018	<0.001	
10/2/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	0.0017	
9/10/2020	0.00014 (J)	
4/1/2021	<0.001	
8/11/2021	<0.001	
2/16/2022	<0.001	
8/25/2022	<0.001	
2/27/2023		<0.001
8/9/2023		<0.001
2/29/2024		0.0012
8/6/2024		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-13	GWC-13
5/9/2010	<0.001	
6/18/2010	0.0021	
7/29/2010	<0.001	
9/9/2010	<0.001	
4/26/2011	<0.001	
10/28/2011	<0.001	
5/4/2012	<0.001	
11/11/2012	<0.001	
5/8/2013	0.0036	
11/7/2013	<0.001	
5/20/2014	<0.001	
11/12/2014	<0.001	
5/24/2015	<0.001	
11/12/2015	<0.001	
4/13/2016	<0.001 (D)	
6/21/2016	<0.001	
8/15/2016	<0.001	
10/7/2016	<0.001	
12/1/2016	<0.001	
2/9/2017	<0.001	
4/6/2017	<0.001	
6/22/2017	<0.001	
10/6/2017	0.00061 (J)	
3/22/2018	<0.001	
10/3/2018	<0.001	
3/26/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/10/2020	<0.001	
4/6/2021	<0.001	
8/11/2021	<0.001	
2/16/2022	<0.001	
8/26/2022	<0.001	
2/27/2023		<0.001
8/9/2023		<0.001
3/1/2024		<0.001
8/6/2024		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-14	GWC-14
5/9/2010	<0.001	
6/18/2010	<0.001	
7/28/2010	<0.001	
9/9/2010	<0.001	
4/30/2011	<0.001	
10/28/2011	<0.001	
5/3/2012	<0.001	
11/10/2012	<0.001	
5/8/2013	0.0024	
11/5/2013	0.0028	
5/20/2014	<0.001	
11/12/2014	<0.001	
5/24/2015	<0.001	
11/11/2015	<0.001	
4/13/2016	<0.001 (D)	
6/21/2016	<0.001	
8/15/2016	<0.001	
10/4/2016	<0.001	
12/1/2016	<0.001	
2/7/2017	<0.001	
4/6/2017	<0.001	
6/20/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/11/2021	<0.001	
2/16/2022	<0.001	
8/26/2022	<0.001	
2/27/2023		<0.001
8/9/2023		<0.001
3/1/2024		<0.001
8/8/2024		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-18	GWC-18
5/10/2010	<0.001	
6/16/2010	0.0023 (J)	
7/26/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	0.0033 (J)	
10/28/2011	0.0023 (J)	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	0.0052	
11/6/2013	0.003 (J)	
5/23/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	0.0023 (J)	
11/10/2015	0.0025 (J)	
4/11/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/5/2016	<0.001	
11/29/2016	<0.001	
2/8/2017	<0.001	
4/6/2017	<0.001	
6/21/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/11/2021	<0.001	
2/16/2022	<0.001	
8/25/2022	<0.001	
2/28/2023		<0.001
8/9/2023		<0.001
2/29/2024		<0.001
8/6/2024		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-19
5/11/2010	<0.001	
6/16/2010	0.0022 (J)	
7/27/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	0.0029 (J)	
10/28/2011	0.0021 (J)	
5/2/2012	<0.001	
11/9/2012	0.002 (J)	
5/9/2013	0.0056	
11/6/2013	0.0035 (J)	
5/22/2014	<0.001	
11/8/2014	<0.001	
5/23/2015	0.0047 (J)	
11/10/2015	0.0044 (J)	
4/11/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/5/2016	<0.001	
11/29/2016	<0.001	
2/8/2017	<0.001	
4/5/2017	0.0009 (J)	
6/21/2017	<0.001	
10/5/2017	0.0015	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/9/2020	<0.001	
4/5/2021	0.00014 (J)	
8/11/2021	<0.001	
2/16/2022	<0.001	
8/25/2022	<0.001	
2/28/2023		<0.001
8/8/2023		<0.001
2/29/2024		<0.001
8/6/2024		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-2	GWC-2
5/11/2010	<0.001	
6/19/2010	0.003 (J)	
7/27/2010	<0.001	
9/9/2010	<0.001	
4/28/2011	0.0037 (J)	
10/28/2011	0.003 (J)	
5/3/2012	<0.001	
11/9/2012	0.003 (J)	
5/9/2013	0.0063	
11/5/2013	0.0043 (J)	
5/22/2014	<0.001	
11/13/2014	0.0021 (J)	
5/24/2015	0.0043 (J)	
11/11/2015	0.0032 (J)	
4/12/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/4/2016	<0.001	
11/30/2016	<0.001	
2/7/2017	<0.001	
4/6/2017	<0.001	
6/20/2017	<0.001	
10/4/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	<0.001	
3/18/2020	0.00014 (J)	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/12/2021	<0.001	
2/15/2022	<0.001	
8/26/2022	<0.001	
2/27/2023		<0.001
8/9/2023		<0.001
3/1/2024		<0.001
8/6/2024		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-20	GWC-20
5/11/2010	0.0026 (J)	
6/17/2010	0.0021 (J)	
7/27/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	0.0032 (J)	
10/28/2011	0.0025 (J)	
5/3/2012	<0.001	
11/10/2012	<0.001	
5/9/2013	0.0056	
11/6/2013	0.0032 (J)	
5/22/2014	<0.001	
11/9/2014	<0.001	
5/24/2015	0.0044 (J)	
11/10/2015	0.0038 (J)	
4/12/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/5/2016	<0.001	
11/30/2016	<0.001	
2/8/2017	<0.001	
4/6/2017	<0.001	
6/21/2017	<0.001	
10/5/2017	<0.001	
3/21/2018	<0.001	
10/3/2018	<0.001	
3/26/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/5/2021	<0.001	
8/11/2021	<0.001	
2/16/2022	<0.001	
8/25/2022	<0.001	
2/28/2023		<0.001
8/8/2023		<0.001
3/1/2024		<0.001
8/6/2024		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-3	GWC-3
5/11/2010	0.011 (o)	
6/17/2010	0.0027 (J)	
7/28/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	0.0038 (J)	
10/28/2011	<0.001	
5/3/2012	<0.001	
11/9/2012	0.0029 (J)	
5/10/2013	0.0061	
11/6/2013	0.0025 (J)	
5/22/2014	<0.001	
11/9/2014	<0.001	
5/22/2015	0.0034 (J)	
11/10/2015	0.0021 (J)	
4/12/2016	<0.001 (D)	
6/20/2016	<0.001	
8/12/2016	<0.001	
10/5/2016	<0.001	
11/30/2016	<0.001	
2/8/2017	<0.001	
4/6/2017	<0.001	
6/21/2017	<0.001	
10/5/2017	<0.001	
3/21/2018	<0.001	
10/3/2018	0.00037 (J)	
3/26/2019	<0.001	
9/10/2019	<0.001	
3/18/2020	<0.001	
9/10/2020	<0.001	
4/6/2021	<0.001	
8/12/2021	0.00014 (J)	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/28/2023		<0.001
8/9/2023		<0.001
3/4/2024		<0.001
8/7/2024		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-4	GWC-4
5/11/2010	<0.001	
6/17/2010	<0.001	
7/28/2010	<0.001	
9/8/2010	0.002 (J)	
4/28/2011	0.0042 (J)	
10/29/2011	0.0036 (J)	
5/3/2012	<0.001	
11/10/2012	0.0023 (J)	
5/10/2013	0.0062	
11/6/2013	0.0043 (J)	
5/22/2014	<0.001	
11/9/2014	<0.001	
5/22/2015	0.0046 (J)	
11/11/2015	0.0028 (J)	
4/12/2016	<0.001	
6/20/2016	<0.001	
8/12/2016	<0.001	
10/6/2016	<0.001	
11/30/2016	<0.001	
2/8/2017	<0.001	
4/6/2017	<0.001	
6/22/2017	<0.001	
10/6/2017	<0.001	
3/21/2018	<0.001	
10/3/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	<0.001	
3/19/2020	0.00019 (J)	
9/10/2020	<0.001	
4/2/2021	<0.001	
8/12/2021	<0.001	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/27/2023		<0.001
8/8/2023		<0.001
2/29/2024		<0.001
8/7/2024		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-5
5/11/2010	<0.001	
6/18/2010	0.0024	
7/27/2010	<0.001	
9/9/2010	<0.001	
4/29/2011	0.0028	
10/28/2011	<0.001	
5/4/2012	<0.001	
11/10/2012	<0.001	
5/9/2013	0.0061	
11/6/2013	0.0034	
5/22/2014	<0.001	
11/9/2014	<0.001	
5/24/2015	0.0093 (O)	
11/11/2015	0.0071	
4/19/2016	<0.001	
6/22/2016	<0.001	
8/16/2016	<0.001	
10/6/2016	<0.001	
12/1/2016	<0.001	
2/9/2017	<0.001	
4/6/2017	<0.001	
6/21/2017	<0.001	
10/5/2017	<0.001	
3/22/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/12/2021	<0.001	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/28/2023		<0.001
8/8/2023		<0.001
2/29/2024		<0.001
8/6/2024		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-6	GWC-6
5/11/2010	<0.001	
6/18/2010	<0.001	
7/27/2010	<0.001	
9/9/2010	<0.001	
4/30/2011	0.0034 (J)	
10/29/2011	0.0041 (J)	
5/4/2012	<0.001	
11/10/2012	0.0023 (J)	
5/9/2013	0.0067	
11/7/2013	0.0048 (J)	
5/21/2014	<0.001	
11/9/2014	<0.001	
5/24/2015	0.0045 (J)	
11/11/2015	0.0048 (J)	
4/12/2016	<0.001	
6/20/2016	<0.001	
8/12/2016	<0.001	
10/6/2016	<0.001	
11/30/2016	<0.001	
2/9/2017	<0.001	
4/6/2017	<0.001	
6/21/2017	<0.001	
10/6/2017	<0.001	
3/21/2018	<0.001	
10/3/2018	<0.001	
3/26/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/10/2020	<0.001	
4/5/2021	<0.001	
8/11/2021	<0.001	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/27/2023		<0.001
8/8/2023		<0.001
2/29/2024		<0.001
8/7/2024		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-7	GWC-7
5/10/2010	<0.001	
6/18/2010	0.0027 (J)	
7/28/2010	<0.001	
9/9/2010	0.002 (J)	
4/30/2011	0.0037 (J)	
10/29/2011	0.0025 (J)	
5/4/2012	<0.001	
11/10/2012	0.003 (J)	
5/9/2013	0.0064	
11/7/2013	0.0037 (J)	
5/21/2014	<0.001	
11/12/2014	<0.001	
5/24/2015	0.0053 (J)	
11/11/2015	0.0022 (J)	
4/13/2016	<0.001 (D)	
6/20/2016	<0.001	
8/15/2016	<0.001	
10/6/2016	<0.001	
12/1/2016	<0.001	
2/9/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/6/2017	<0.001	
3/22/2018	<0.001	
10/4/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	0.00017 (J)	
4/1/2021	<0.001	
8/11/2021	0.00014 (J)	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/27/2023		<0.001
8/8/2023		<0.001
2/29/2024		<0.001
8/6/2024		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-8A	GWC-8A
5/10/2010	<0.001	
6/19/2010	<0.001	
7/28/2010	<0.001	
9/8/2010	0.0023 (J)	
4/30/2011	0.011 (O)	
10/27/2011	0.0055	
5/4/2012	0.0029 (J)	
11/11/2012	0.0052	
5/10/2013	0.023 (O)	
11/7/2013	0.0083	
5/21/2014	<0.001	
11/13/2014	0.0085	
5/23/2015	0.0077	
11/11/2015	0.008	
4/19/2016	<0.001	
10/10/2016	<0.001	
12/1/2016	0.00047 (J)	
2/9/2017	0.0012 (J)	
4/7/2017	<0.001	
6/21/2017	<0.001	
8/15/2017	<0.001	
9/1/2017	<0.001	
10/9/2017	<0.001	
3/22/2018	<0.001	
10/4/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/5/2021	0.00034 (J)	
8/12/2021	<0.001	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/27/2023		<0.001
8/8/2023		<0.001
2/29/2024		0.00021 (J)
8/6/2024		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-9	GWC-9
5/10/2010	<0.001	
6/16/2010	0.003 (J)	
7/27/2010	<0.001	
9/8/2010	<0.001	
4/29/2011	0.0039 (J)	
10/27/2011	0.0043 (J)	
5/3/2012	<0.001	
11/11/2012	0.0025 (J)	
5/9/2013	0.0067	
11/6/2013	0.0069	
5/21/2014	<0.001	
11/12/2014	0.002 (J)	
5/23/2015	0.003 (J)	
11/12/2015	0.0044 (J)	
4/13/2016	<0.001 (D)	
6/22/2016	<0.001	
8/15/2016	<0.001	
10/6/2016	<0.001	
12/1/2016	<0.001	
2/8/2017	<0.001	
4/6/2017	<0.001	
6/21/2017	<0.001	
10/5/2017	<0.001	
3/21/2018	<0.001	
10/2/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/12/2021	<0.001	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/27/2023		<0.001
8/8/2023		<0.001
3/1/2024		<0.001
8/6/2024		<0.001

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15	GWA-15
5/9/2010	<0.0002	
6/18/2010	<0.0002	
7/28/2010	<0.0002	
9/9/2010	<0.0002	
4/30/2011	<0.0002	
10/28/2011	<0.0002	
5/2/2012	<0.0002	
11/9/2012	<0.0002	
5/8/2013	7E-05 (J)	
11/5/2013	<0.0002	
5/20/2014	<0.0002	
11/12/2014	<0.0002	
5/22/2015	7.2E-05 (J)	
11/11/2015	<0.0002	
4/6/2016	<0.0002	
6/15/2016	<0.0002	
8/10/2016	<0.0002	
10/4/2016	<0.0002	
11/30/2016	<0.0002	
2/7/2017	<0.0002	
4/4/2017	<0.0002	
6/20/2017	<0.0002	
10/4/2017	<0.0002	
3/20/2018	<0.0002 (XD)	
10/2/2018	<0.0002 (X)	
3/26/2019	<0.0002	
9/10/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
4/1/2021	<0.0002	
8/11/2021	<0.0002	
2/15/2022	<0.0002	
8/25/2022	<0.0002	
2/28/2023		<0.0002
8/3/2023		<0.0002
3/4/2024		<0.0002
8/6/2024		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-16	GWA-16
5/9/2010	<0.0002	
6/16/2010	<0.0002	
7/27/2010	<0.0002	
9/7/2010	7.4E-05 (J)	
4/29/2011	<0.0002	
10/28/2011	<0.0002	
5/2/2012	<0.0002	
11/9/2012	<0.0002	
5/8/2013	8E-05 (J)	
11/6/2013	0.00014	
5/20/2014	<0.0002	
11/8/2014	<0.0002	
5/22/2015	<0.0002	
11/9/2015	<0.0002	
4/6/2016	<0.0002	
6/15/2016	<0.0002	
8/10/2016	<0.0002	
10/4/2016	<0.0002	
11/29/2016	<0.0002	
2/7/2017	<0.0002	
4/4/2017	<0.0002	
6/20/2017	<0.0002	
10/5/2017	<0.0002	
3/20/2018	<0.0002	
10/2/2018	<0.0002 (X)	
3/26/2019	<0.0002	
9/10/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
4/1/2021	<0.0002	
8/11/2021	<0.0002	
2/15/2022	<0.0002	
8/25/2022	<0.0002	
2/28/2023		<0.0002
8/3/2023		<0.0002
2/28/2024		<0.0002
8/6/2024		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17	GWA-17
5/8/2010	<0.0002	
6/16/2010	<0.0002	
7/26/2010	<0.0002	
9/7/2010	7.8E-05 (J)	
4/29/2011	<0.0002	
10/28/2011	<0.0002	
5/2/2012	<0.0002	
11/9/2012	<0.0002	
5/8/2013	<0.0002	
11/6/2013	0.00011	
5/20/2014	<0.0002	
11/8/2014	<0.0002	
5/22/2015	7.1E-05 (J)	
11/9/2015	<0.0002	
4/6/2016	<0.0002	
6/15/2016	<0.0002	
8/10/2016	<0.0002	
10/5/2016	<0.0002	
11/29/2016	<0.0002	
2/7/2017	<0.0002	
4/4/2017	<0.0002	
6/20/2017	<0.0002	
10/5/2017	<0.0002	
3/20/2018	<0.0002 (X)	
10/2/2018	<0.0002 (X)	
3/26/2019	<0.0002	
9/10/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
4/1/2021	<0.0002	
8/11/2021	<0.0002	
2/15/2022	<0.0002	
8/24/2022	<0.0002	
2/28/2023		<0.0002
8/3/2023		<0.0002
2/28/2024		<0.0002
8/6/2024		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-1	GWC-1
5/11/2010	<0.0002	
6/17/2010	<0.0002	
7/27/2010	<0.0002	
9/9/2010	<0.0002	
4/28/2011	<0.0002	
10/29/2011	<0.0002	
5/3/2012	<0.0002	
11/9/2012	<0.0002	
5/9/2013	<0.0002	
11/5/2013	7.3E-05 (J)	
5/23/2014	<0.0002	
11/13/2014	<0.0002	
5/23/2015	<0.0002	
11/11/2015	<0.0002	
4/12/2016	<0.0002	
6/16/2016	<0.0002	
8/11/2016	<0.0002	
10/4/2016	<0.0002	
11/30/2016	<0.0002	
2/7/2017	7E-05 (J)	
4/5/2017	<0.0002	
6/20/2017	<0.0002	
10/4/2017	<0.0002	
3/20/2018	<0.0002 (X)	
10/2/2018	<0.0002 (X)	
3/26/2019	<0.0002	
9/10/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
4/1/2021	<0.0002	
8/18/2021	<0.0002	
2/15/2022	<0.0002	
8/24/2022	<0.0002	
2/27/2023		<0.0002
8/9/2023		<0.0002
3/1/2024		<0.0002
8/6/2024		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-10	GWC-10
5/10/2010	<0.0002	
6/16/2010	<0.0002	
7/28/2010	<0.0002	
9/8/2010	8.8E-05 (J)	
4/29/2011	<0.0002	
10/27/2011	<0.0002	
5/4/2012	<0.0002	
11/11/2012	<0.0002	
5/9/2013	<0.0002	
11/5/2013	0.00011 (J)	
5/21/2014	<0.0002	
11/12/2014	<0.0002	
5/23/2015	<0.0002	
11/12/2015	<0.0002	
4/13/2016	<0.0002 (D)	
6/21/2016	<0.0002	
8/15/2016	<0.0002	
10/5/2016	<0.0002	
12/1/2016	<0.0002	
2/8/2017	7.6E-05 (J)	
4/6/2017	<0.0002	
6/21/2017	<0.0002	
10/5/2017	<0.0002	
3/21/2018	<0.0002	
10/2/2018	<0.0002 (X)	
3/27/2019	<0.0002	
9/11/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
4/1/2021	<0.0002	
8/17/2021	<0.0002	
2/15/2022	<0.0002	
8/25/2022	<0.0002	
2/21/2023		<0.0002
8/9/2023		<0.0002
3/1/2024		<0.0002
8/6/2024		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-11
5/10/2010	<0.0002	
6/16/2010	<0.0002	
7/27/2010	<0.0002	
9/8/2010	<0.0002	
4/29/2011	<0.0002	
10/27/2011	<0.0002	
5/4/2012	<0.0002	
11/10/2012	<0.0002	
5/9/2013	0.00019	
11/6/2013	0.00014	
5/20/2014	<0.0002	
11/12/2014	<0.0002	
5/24/2015	<0.0002	
11/12/2015	<0.0002	
4/13/2016	<0.0002 (D)	
6/21/2016	<0.0002	
8/15/2016	<0.0002	
10/5/2016	<0.0002	
12/1/2016	<0.0002	
2/8/2017	<0.0002	
4/6/2017	<0.0002	
6/20/2017	<0.0002	
10/5/2017	<0.0002	
3/21/2018	<0.0002	
10/2/2018	<0.0002 (X)	
3/27/2019	<0.0002	
9/11/2019	<0.0002	
3/18/2020	<0.0002	
9/10/2020	<0.0002	
4/1/2021	<0.0002	
8/11/2021	<0.0002	
2/16/2022	<0.0002	
8/25/2022	<0.0002	
2/27/2023		<0.0002
8/9/2023		<0.0002
2/29/2024		<0.0002
8/6/2024		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-13	GWC-13
5/9/2010	8.2E-05 (J)	
6/18/2010	<0.0002	
7/29/2010	<0.0002	
9/9/2010	<0.0002	
4/26/2011	<0.0002	
10/28/2011	<0.0002	
5/4/2012	<0.0002	
11/11/2012	<0.0002	
5/8/2013	<0.0002	
11/7/2013	0.0001	
5/20/2014	<0.0002	
11/12/2014	<0.0002	
5/24/2015	<0.0002	
11/12/2015	<0.0002	
4/13/2016	<0.0002 (D)	
6/21/2016	<0.0002	
8/15/2016	<0.0002	
10/7/2016	<0.0002	
12/1/2016	<0.0002	
2/9/2017	<0.0002	
4/6/2017	<0.0002	
6/22/2017	<0.0002	
10/6/2017	<0.0002	
3/22/2018	<0.0002 (X)	
10/3/2018	<0.0002 (X)	
3/26/2019	<0.0002	
9/11/2019	<0.0002	
3/18/2020	<0.0002	
9/10/2020	<0.0002	
4/6/2021	<0.0002	
8/11/2021	<0.0002	
2/16/2022	<0.0002	
8/26/2022	<0.0002	
2/27/2023		<0.0002
8/9/2023		<0.0002
3/1/2024		<0.0002
8/6/2024		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-14	GWC-14
5/9/2010	9.1E-05 (J)	
6/18/2010	<0.0002	
7/28/2010	<0.0002	
9/9/2010	<0.0002	
4/30/2011	<0.0002	
10/28/2011	<0.0002	
5/3/2012	<0.0002	
11/10/2012	<0.0002	
5/8/2013	<0.0002	
11/5/2013	0.00016	
5/20/2014	<0.0002	
11/12/2014	<0.0002	
5/24/2015	<0.0002	
11/11/2015	<0.0002	
4/13/2016	<0.0002 (D)	
6/21/2016	<0.0002	
8/15/2016	<0.0002	
10/4/2016	<0.0002	
12/1/2016	<0.0002	
2/7/2017	<0.0002	
4/6/2017	<0.0002	
6/20/2017	<0.0002	
10/5/2017	<0.0002	
3/20/2018	<0.0002	
10/2/2018	<0.0002 (X)	
3/26/2019	<0.0002	
9/11/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
4/1/2021	<0.0002	
8/11/2021	<0.0002	
2/16/2022	<0.0002	
8/26/2022	<0.0002	
2/27/2023		<0.0002
8/9/2023		<0.0002
3/1/2024		<0.0002
8/8/2024		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-18	GWC-18
5/10/2010	<0.0002	
6/16/2010	<0.0002	
7/26/2010	<0.0002	
9/7/2010	<0.0002	
4/29/2011	<0.0002	
10/28/2011	<0.0002	
5/2/2012	<0.0002	
11/9/2012	<0.0002	
5/8/2013	<0.0002	
11/6/2013	<0.0002	
5/23/2014	<0.0002	
11/8/2014	<0.0002	
5/22/2015	<0.0002	
11/10/2015	<0.0002	
4/11/2016	<0.0002	
6/16/2016	<0.0002	
8/11/2016	<0.0002	
10/5/2016	<0.0002	
11/29/2016	<0.0002	
2/8/2017	8.9E-05	
4/6/2017	<0.0002	
6/21/2017	<0.0002	
10/5/2017	<0.0002	
3/20/2018	<0.0002	
10/2/2018	<0.0002 (X)	
3/26/2019	<0.0002	
9/11/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
4/1/2021	<0.0002	
8/11/2021	<0.0002	
2/16/2022	<0.0002	
8/25/2022	<0.0002	
2/28/2023		<0.0002
8/9/2023		<0.0002
2/29/2024		<0.0002
8/6/2024		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-19
5/11/2010	<0.0002	
6/16/2010	<0.0002	
7/27/2010	<0.0002	
9/7/2010	0.00011	
4/29/2011	<0.0002	
10/28/2011	<0.0002	
5/2/2012	<0.0002	
11/9/2012	<0.0002	
5/9/2013	<0.0002	
11/6/2013	<0.0002	
5/22/2014	<0.0002	
11/8/2014	<0.0002	
5/23/2015	<0.0002	
11/10/2015	<0.0002	
4/11/2016	<0.0002	
6/16/2016	<0.0002	
8/11/2016	<0.0002	
10/5/2016	<0.0002	
11/29/2016	<0.0002	
2/8/2017	7.6E-05 (J)	
4/5/2017	<0.0002	
6/21/2017	<0.0002	
10/5/2017	<0.0002	
3/20/2018	<0.0002 (X)	
10/2/2018	<0.0002 (X)	
3/26/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/9/2020	<0.0002	
6/1/2021	<0.0002	
8/11/2021	<0.0002	
2/16/2022	<0.0002	
8/25/2022	<0.0002	
2/28/2023		<0.0002
8/8/2023		<0.0002
2/29/2024		<0.0002
8/6/2024		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-2	GWC-2
5/11/2010	<0.0002	
6/19/2010	<0.0002	
7/27/2010	<0.0002	
9/9/2010	9.3E-05	
4/28/2011	<0.0002	
10/28/2011	<0.0002	
5/3/2012	<0.0002	
11/9/2012	<0.0002	
5/9/2013	<0.0002	
11/5/2013	0.00011	
5/22/2014	<0.0002	
11/13/2014	<0.0002	
5/24/2015	<0.0002	
11/11/2015	<0.0002	
4/12/2016	<0.0002	
6/16/2016	<0.0002	
8/11/2016	<0.0002	
10/4/2016	<0.0002	
11/30/2016	<0.0002	
2/7/2017	<0.0002	
4/6/2017	<0.0002	
6/20/2017	<0.0002	
10/4/2017	<0.0002	
3/20/2018	<0.0002 (X)	
10/2/2018	<0.0002	
3/26/2019	<0.0002	
9/10/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
4/1/2021	<0.0002	
8/12/2021	<0.0002	
2/15/2022	<0.0002	
8/26/2022	<0.0002	
2/27/2023		<0.0002
8/9/2023		<0.0002
3/1/2024		<0.0002
8/6/2024		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-20	GWC-20
5/11/2010	8.5E-05	
6/17/2010	<0.0002	
7/27/2010	<0.0002	
9/7/2010	0.0001	
4/29/2011	<0.0002	
10/28/2011	<0.0002	
5/3/2012	<0.0002	
11/10/2012	<0.0002	
5/9/2013	<0.0002	
11/6/2013	<0.0002	
5/22/2014	<0.0002	
11/9/2014	<0.0002	
5/24/2015	<0.0002	
11/10/2015	<0.0002	
4/12/2016	<0.0002	
6/16/2016	<0.0002	
8/11/2016	<0.0002	
10/5/2016	<0.0002	
11/30/2016	<0.0002	
2/8/2017	7.5E-05 (J)	
4/6/2017	<0.0002	
6/21/2017	<0.0002	
10/5/2017	<0.0002	
3/21/2018	<0.0002	
10/3/2018	<0.0002 (X)	
3/26/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/10/2020	<0.0002	
6/1/2021	<0.0002	
8/11/2021	<0.0002	
2/16/2022	0.00015 (J)	
8/25/2022	<0.0002	
2/28/2023		<0.0002
8/8/2023		<0.0002
3/1/2024		<0.0002
8/6/2024		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-3	GWC-3
5/11/2010	<0.0002	
6/17/2010	<0.0002	
7/28/2010	<0.0002	
9/7/2010	0.00012	
4/29/2011	<0.0002	
10/28/2011	<0.0002	
5/3/2012	<0.0002	
11/9/2012	<0.0002	
5/10/2013	0.00014	
11/6/2013	0.00014	
5/22/2014	<0.0002	
11/9/2014	<0.0002	
5/22/2015	<0.0002	
11/10/2015	<0.0002	
4/12/2016	<0.0002 (D)	
6/20/2016	<0.0002	
8/12/2016	<0.0002	
10/5/2016	<0.0002	
11/30/2016	<0.0002	
2/8/2017	<0.0002	
4/6/2017	<0.0002	
6/21/2017	<0.0002	
10/5/2017	<0.0002	
3/21/2018	<0.0002	
10/3/2018	<0.0002 (X)	
3/26/2019	<0.0002	
9/10/2019	<0.0002	
3/18/2020	<0.0002	
9/10/2020	<0.0002	
4/6/2021	<0.0002	
8/12/2021	<0.0002	
2/15/2022	<0.0002	
8/25/2022	<0.0002	
2/28/2023		<0.0002
8/9/2023		<0.0002
3/4/2024		<0.0002
8/7/2024		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-4	GWC-4
5/11/2010	<0.0002	
6/17/2010	<0.0002	
7/28/2010	<0.0002	
9/8/2010	<0.0002	
4/28/2011	<0.0002	
10/29/2011	<0.0002	
5/3/2012	<0.0002	
11/10/2012	<0.0002	
5/10/2013	0.00012	
11/6/2013	<0.0002	
5/22/2014	<0.0002	
11/9/2014	<0.0002	
5/22/2015	<0.0002	
11/11/2015	<0.0002	
4/12/2016	<0.0002	
6/20/2016	<0.0002	
8/12/2016	<0.0002	
10/6/2016	<0.0002	
11/30/2016	<0.0002	
2/8/2017	<0.0002	
4/6/2017	<0.0002	
6/22/2017	<0.0002	
10/6/2017	<0.0002	
3/21/2018	<0.0002 (X)	
10/3/2018	<0.0002 (X)	
3/26/2019	<0.0002	
9/10/2019	<0.0002	
3/19/2020	<0.0002	
9/10/2020	<0.0002	
4/2/2021	<0.0002	
8/12/2021	<0.0002	
2/15/2022	<0.0002	
8/25/2022	<0.0002	
2/27/2023		<0.0002
8/8/2023		<0.0002
2/29/2024		<0.0002
8/7/2024		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-5
5/11/2010	<0.0002	
6/18/2010	<0.0002	
7/27/2010	<0.0002	
9/9/2010	<0.0002	
4/29/2011	<0.0002	
10/28/2011	<0.0002	
5/4/2012	<0.0002	
11/10/2012	<0.0002	
5/9/2013	0.00016	
11/6/2013	<0.0002	
5/22/2014	<0.0002	
11/9/2014	<0.0002	
5/24/2015	<0.0002	
11/11/2015	<0.0002	
4/19/2016	<0.0002	
6/22/2016	<0.0002	
8/16/2016	<0.0002	
10/6/2016	<0.0002	
12/1/2016	<0.0002	
2/9/2017	<0.0002	
4/6/2017	<0.0002	
6/21/2017	<0.0002	
10/5/2017	<0.0002	
3/22/2018	<0.0002 (X)	
10/3/2018	<0.0002 (X)	
3/27/2019	<0.0002	
9/11/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
4/1/2021	<0.0002	
8/12/2021	<0.0002	
2/15/2022	<0.0002	
8/25/2022	<0.0002	
2/28/2023		<0.0002
8/8/2023		<0.0002
2/29/2024		<0.0002
8/6/2024		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-6	GWC-6
5/11/2010	<0.0002	
6/18/2010	<0.0002	
7/27/2010	<0.0002	
9/9/2010	0.00017	
4/30/2011	<0.0002	
10/29/2011	<0.0002	
5/4/2012	<0.0002	
11/10/2012	<0.0002	
5/9/2013	0.00014	
11/7/2013	0.00011	
5/21/2014	<0.0002	
11/9/2014	<0.0002	
5/24/2015	<0.0002	
11/11/2015	<0.0002	
4/12/2016	<0.0002	
6/20/2016	<0.0002	
8/12/2016	<0.0002	
10/6/2016	<0.0002	
11/30/2016	<0.0002	
2/9/2017	<0.0002	
4/6/2017	<0.0002	
6/21/2017	<0.0002	
10/6/2017	<0.0002	
3/21/2018	<0.0002 (X)	
10/3/2018	<0.0002 (X)	
3/26/2019	<0.0002	
9/11/2019	<0.0002	
3/18/2020	<0.0002	
9/10/2020	<0.0002	
6/2/2021	<0.0002	
8/11/2021	<0.0002	
2/15/2022	<0.0002	
8/25/2022	<0.0002	
2/27/2023		<0.0002
8/8/2023		<0.0002
2/29/2024		<0.0002
8/7/2024		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-7	GWC-7
5/10/2010	<0.0002	
6/18/2010	<0.0002	
7/28/2010	<0.0002	
9/9/2010	<0.0002	
4/30/2011	<0.0002	
10/29/2011	7E-05 (J)	
5/4/2012	<0.0002	
11/10/2012	<0.0002	
5/9/2013	<0.0002	
11/7/2013	0.00016	
5/21/2014	<0.0002	
11/12/2014	<0.0002	
5/24/2015	<0.0002	
11/11/2015	<0.0002	
4/13/2016	<0.0002 (D)	
6/20/2016	<0.0002	
8/15/2016	<0.0002	
10/6/2016	<0.0002	
12/1/2016	<0.0002	
2/9/2017	<0.0002	
4/7/2017	<0.0002	
6/22/2017	<0.0002	
10/6/2017	<0.0002	
3/22/2018	<0.0002 (X)	
10/4/2018	<0.0002 (X)	
3/27/2019	<0.0002	
9/11/2019	<0.0002	
3/19/2020	0.00011 (J)	
9/10/2020	<0.0002	
4/1/2021	<0.0002	
8/11/2021	<0.0002	
2/15/2022	<0.0002	
8/25/2022	<0.0002	
2/27/2023		<0.0002
8/8/2023		<0.0002
2/29/2024		<0.0002
8/6/2024		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-8A	GWC-8A
5/10/2010	<0.0002	
6/19/2010	<0.0002	
7/28/2010	<0.0002	
9/8/2010	0.00011 (J)	
4/30/2011	<0.0002	
10/27/2011	<0.0002	
5/4/2012	<0.0002	
11/11/2012	<0.0002	
5/10/2013	0.00014	
11/7/2013	0.00019	
5/21/2014	<0.0002	
11/13/2014	<0.0002	
5/23/2015	<0.0002	
11/11/2015	<0.0002	
4/19/2016	<0.0002	
10/10/2016	0.000155 (D)	
12/1/2016	<0.0002	
2/9/2017	<0.0002	
4/7/2017	<0.0002	
6/21/2017	<0.0002	
8/15/2017	<0.0002	
9/1/2017	<0.0002	
10/9/2017	8.9E-05 (J)	
3/22/2018	<0.0002 (X)	
10/4/2018	<0.0002	
3/27/2019	<0.0002	
9/11/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
6/1/2021	<0.0002	
8/12/2021	<0.0002	
2/15/2022	<0.0002	
8/25/2022	<0.0002	
2/27/2023		<0.0002
8/8/2023		<0.0002
2/29/2024		<0.0002
8/6/2024		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-9	GWC-9
5/10/2010	<0.0002	
6/16/2010	<0.0002	
7/27/2010	<0.0002	
9/8/2010	<0.0002	
4/29/2011	<0.0002	
10/27/2011	<0.0002	
5/3/2012	<0.0002	
11/11/2012	<0.0002	
5/9/2013	<0.0002	
11/6/2013	8.8E-05	
5/21/2014	<0.0002	
11/12/2014	<0.0002	
5/23/2015	<0.0002	
11/12/2015	<0.0002	
4/13/2016	<0.0002 (D)	
6/22/2016	<0.0002	
8/15/2016	<0.0002	
10/6/2016	<0.0002	
12/1/2016	<0.0002	
2/8/2017	<0.0002	
4/6/2017	<0.0002	
6/21/2017	<0.0002	
10/5/2017	<0.0002	
3/21/2018	<0.0002	
10/2/2018	<0.0002 (X)	
3/27/2019	<0.0002	
9/11/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
4/1/2021	<0.0002	
8/12/2021	<0.0002	
2/15/2022	<0.0002	
8/25/2022	<0.0002	
2/27/2023		<0.0002
8/8/2023		<0.0002
3/1/2024		<0.0002
8/6/2024		<0.0002

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15	GWA-15
5/9/2010	<0.001	
6/18/2010	<0.001	
7/28/2010	<0.001	
9/9/2010	<0.001	
4/30/2011	<0.001	
10/28/2011	<0.001	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	<0.001	
11/5/2013	<0.001	
5/20/2014	<0.001	
11/12/2014	<0.001	
5/22/2015	<0.001	
11/11/2015	<0.001	
4/6/2016	0.00202 (J)	
10/4/2016	<0.001	
4/4/2017	<0.001	
10/4/2017	<0.001	
3/20/2018	<0.001 (D)	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	0.00081 (J)	
3/18/2020	0.00043 (J)	
9/9/2020	0.00069 (J)	
4/1/2021	0.00049 (J)	
8/11/2021	0.00051 (J)	
2/15/2022	0.00065 (J)	
8/25/2022	0.001	
2/28/2023		0.00057 (J)
8/3/2023		0.00099 (J)
3/4/2024		<0.001
8/6/2024		0.00085 (J)

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-16	GWA-16
5/9/2010	<0.001	
6/16/2010	<0.001	
7/27/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	<0.001	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	<0.001	
11/6/2013	<0.001	
5/20/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	<0.001	
11/9/2015	<0.001	
4/6/2016	<0.001	
10/4/2016	<0.001	
4/4/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	0.04 (O)	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	0.00037 (J)	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/11/2021	<0.001	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/28/2023		<0.001
8/3/2023		<0.001
2/28/2024		<0.001
8/6/2024		<0.001

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17	GWA-17
5/8/2010	<0.001	
6/16/2010	<0.001	
7/26/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	<0.001	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	<0.001	
11/6/2013	<0.001	
5/20/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	<0.001	
11/9/2015	<0.001	
4/6/2016	<0.001	
10/5/2016	<0.001	
4/4/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	0.0012	
3/18/2020	<0.001	
9/9/2020	0.00048 (J)	
4/1/2021	0.0004 (J)	
8/11/2021	<0.001	
2/15/2022	<0.001	
8/24/2022	0.00082 (J)	
2/28/2023		<0.001
8/3/2023		<0.001
2/28/2024		<0.001
8/6/2024		<0.001

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-1	GWC-1
5/11/2010	<0.0018	
6/17/2010	<0.0018	
7/27/2010	<0.0018	
9/9/2010	<0.0018	
4/28/2011	0.0086 (O)	
10/29/2011	<0.0018	
5/3/2012	<0.0018	
11/9/2012	<0.0018	
5/9/2013	<0.0018	
11/5/2013	<0.0018	
5/23/2014	<0.0018	
11/13/2014	<0.0018	
5/23/2015	<0.0018	
11/11/2015	<0.0018	
4/12/2016	<0.0018	
10/4/2016	<0.0018	
4/5/2017	<0.0018	
10/4/2017	<0.0018	
3/20/2018	<0.0018	
10/2/2018	<0.0018	
3/26/2019	<0.0018	
9/10/2019	0.00065 (J)	
3/18/2020	0.00056 (J)	
9/9/2020	0.00047 (J)	
4/1/2021	0.00073 (J)	
8/18/2021	0.0017	
2/15/2022	0.00052 (J)	
8/24/2022	0.00086 (J)	
2/27/2023		0.0013
8/9/2023		0.0071
10/4/2023		0.00085 (JR)
3/1/2024		0.00096 (J)
8/6/2024		0.00059 (J)

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-10	GWC-10
5/10/2010	<0.0018	
6/16/2010	<0.0018	
7/28/2010	<0.0018	
9/8/2010	<0.0018	
4/29/2011	<0.0018	
10/27/2011	<0.0018	
5/4/2012	<0.0018	
11/11/2012	<0.0018	
5/9/2013	<0.0018	
11/5/2013	<0.0018	
5/21/2014	<0.0018	
11/12/2014	<0.0018	
5/23/2015	<0.0018	
11/12/2015	<0.0018	
4/13/2016	0.00271	
10/5/2016	<0.0018	
4/6/2017	<0.0018	
10/5/2017	<0.0018	
3/21/2018	<0.0018	
10/2/2018	0.0018 (J)	
3/27/2019	<0.0018	
9/11/2019	0.0016	
3/18/2020	0.0016	
9/9/2020	0.0021	
4/1/2021	0.0012	
10/18/2021	0.002	
2/15/2022	0.0022	
8/25/2022	0.003	
12/28/2022	0.0017 (R)	
2/21/2023		0.0031
8/9/2023		0.0026
3/1/2024		0.0048
5/20/2024		0.0016 (R)
8/6/2024		0.0025

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-11
5/10/2010	<0.0018	
6/16/2010	<0.0018	
7/27/2010	<0.0018	
9/8/2010	<0.0018	
4/29/2011	<0.0018	
10/27/2011	<0.0018	
5/4/2012	<0.0018	
11/10/2012	<0.0018	
5/9/2013	<0.0018	
11/6/2013	<0.0018	
5/20/2014	<0.0018	
11/12/2014	<0.0018	
5/24/2015	<0.0018	
11/12/2015	<0.0018	
4/13/2016	<0.0018 (D)	
10/5/2016	<0.0018	
4/6/2017	<0.0018	
10/5/2017	<0.0018	
3/21/2018	<0.0018	
10/2/2018	<0.0018	
3/27/2019	<0.0018	
9/11/2019	0.00066 (J)	
3/18/2020	0.0005 (J)	
9/10/2020	0.0012	
4/1/2021	0.00065 (J)	
8/11/2021	0.0006 (J)	
2/16/2022	0.0007 (J)	
8/25/2022	0.00081 (J)	
2/27/2023		0.00085 (J)
8/9/2023		0.00068 (J)
2/29/2024		0.00099 (J)
8/6/2024		0.00086 (J)

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-12	GWC-12
5/9/2010	<0.0018	
6/18/2010	<0.0018	
7/27/2010	<0.0018	
9/8/2010	<0.0018	
4/29/2011	<0.0018	
10/28/2011	<0.0018	
5/3/2012	<0.0018	
11/10/2012	<0.0018	
5/9/2013	<0.0018	
11/6/2013	<0.0018	
5/20/2014	<0.0018	
11/12/2014	<0.0018	
5/23/2015	<0.0018	
11/12/2015	<0.0018	
4/13/2016	<0.0018 (D)	
10/5/2016	<0.0018	
4/5/2017	<0.0018	
10/5/2017	<0.0018	
3/21/2018	<0.0018 (D)	
10/2/2018	<0.0018	
3/26/2019	<0.0018	
9/11/2019	0.00084 (J)	
3/18/2020	0.0006 (J)	
9/10/2020	0.00088 (J)	
4/1/2021	0.00065 (J)	
8/11/2021	0.0008 (J)	
2/16/2022	0.00076 (J)	
8/26/2022	0.00096 (J)	
2/27/2023		0.0011
8/9/2023		0.00094 (J)
2/29/2024		0.00092 (J)
8/6/2024		0.0009 (J)

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-13	GWC-13
5/9/2010	<0.001	
6/18/2010	<0.001	
7/29/2010	<0.001	
9/9/2010	<0.001	
4/26/2011	<0.001	
10/28/2011	<0.001	
5/4/2012	<0.001	
11/11/2012	<0.001	
5/8/2013	<0.001	
11/7/2013	<0.001	
5/20/2014	<0.001	
11/12/2014	<0.001	
5/24/2015	<0.001	
11/12/2015	<0.001	
4/13/2016	<0.001 (D)	
10/7/2016	<0.001	
4/6/2017	<0.001	
10/6/2017	<0.001	
3/22/2018	<0.001	
10/3/2018	<0.001	
3/26/2019	<0.001	
9/11/2019	0.00039 (J)	
3/18/2020	0.00061 (J)	
9/10/2020	0.00044 (J)	
4/6/2021	0.00053 (J)	
8/11/2021	<0.001	
2/16/2022	<0.001	
8/26/2022	<0.001	
2/27/2023		<0.001
8/9/2023		0.00043 (J)
3/1/2024		0.00059 (J)
8/6/2024		0.00046 (J)

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-14	GWC-14
5/9/2010	<0.001	
6/18/2010	<0.001	
7/28/2010	<0.001	
9/9/2010	<0.001	
4/30/2011	<0.001	
10/28/2011	<0.001	
5/3/2012	<0.001	
11/10/2012	<0.001	
5/8/2013	<0.001	
11/5/2013	<0.001	
5/20/2014	<0.001	
11/12/2014	<0.001	
5/24/2015	<0.001	
11/11/2015	<0.001	
4/13/2016	<0.001 (D)	
10/4/2016	<0.001	
4/6/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/11/2021	<0.001	
2/16/2022	<0.001	
8/26/2022	<0.001	
2/27/2023		<0.001
8/9/2023		<0.001
3/1/2024		0.0081
5/7/2024		<0.001 (R)
8/8/2024		<0.001

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-18	GWC-18
5/10/2010	<0.001	
6/16/2010	<0.001	
7/26/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	<0.001	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	<0.001	
11/6/2013	<0.001	
5/23/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	0.0045 (O)	
11/10/2015	<0.001	
4/11/2016	<0.001	
10/5/2016	<0.001	
4/6/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/11/2019	0.00048 (J)	
3/18/2020	0.00034 (J)	
9/9/2020	0.00064 (J)	
4/1/2021	<0.001	
8/11/2021	<0.001	
2/16/2022	<0.001	
8/25/2022	<0.001	
2/28/2023		<0.001
8/9/2023		<0.001
2/29/2024		<0.001
8/6/2024		<0.001

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-19
5/11/2010	<0.001	
6/16/2010	<0.001	
7/27/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	<0.001	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/9/2013	<0.001	
11/6/2013	<0.001	
5/22/2014	<0.001	
11/8/2014	<0.001	
5/23/2015	0.01 (O)	
11/10/2015	<0.001	
4/11/2016	<0.001	
10/5/2016	<0.001	
4/5/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/12/2019	0.0015	
3/19/2020	0.00047 (J)	
9/9/2020	0.00039 (J)	
4/5/2021	0.00047 (J)	
8/11/2021	<0.001	
2/16/2022	<0.001	
8/25/2022	0.0017	
2/28/2023		0.0016
8/8/2023		0.00051 (J)
2/29/2024		0.00067 (J)
8/6/2024		0.00053 (J)

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-2	GWC-2
5/11/2010	0.0033 (O)	
6/19/2010	<0.0018	
7/27/2010	<0.0018	
9/9/2010	<0.0018	
4/28/2011	<0.0018	
10/28/2011	<0.0018	
5/3/2012	<0.0018	
11/9/2012	<0.0018	
5/9/2013	<0.0018	
11/5/2013	<0.0018	
5/22/2014	<0.0018	
11/13/2014	<0.0018	
5/24/2015	<0.0018	
11/11/2015	<0.0018	
4/12/2016	0.00206 (J)	
10/4/2016	0.0023 (J)	
4/6/2017	<0.0018	
10/4/2017	0.0021 (J)	
3/20/2018	<0.0018	
10/2/2018	<0.0018	
3/26/2019	<0.0018	
9/10/2019	0.0022	
3/18/2020	0.0016	
9/9/2020	0.0016	
4/1/2021	0.0022	
8/12/2021	0.0028	
2/15/2022	0.0018	
8/26/2022	0.002	
2/27/2023		0.0038
8/9/2023		0.0017
3/1/2024		0.0018
8/6/2024		0.0029

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-20	GWC-20
5/11/2010	<0.001	
6/17/2010	<0.001	
7/27/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	0.003 (J)	
5/3/2012	<0.001	
11/10/2012	<0.001	
5/9/2013	<0.001	
11/6/2013	<0.001	
5/22/2014	<0.001	
11/9/2014	<0.001	
5/24/2015	0.0063 (O)	
11/10/2015	<0.001	
4/12/2016	<0.001	
10/5/2016	<0.001	
4/6/2017	0.002 (J)	
10/5/2017	<0.001	
3/21/2018	<0.001	
10/3/2018	<0.001	
3/26/2019	<0.001	
9/12/2019	0.00097 (J)	
3/19/2020	0.00098 (J)	
9/10/2020	0.00098 (J)	
4/5/2021	0.00048 (J)	
8/11/2021	0.00056 (J)	
2/16/2022	0.00055 (J)	
8/25/2022	0.00074 (J)	
2/28/2023		<0.001
8/8/2023		0.00067 (J)
3/1/2024		0.00059 (J)
8/6/2024		<0.001

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-3	GWC-3
5/11/2010	<0.0018	
6/17/2010	<0.0018	
7/28/2010	0.019 (O)	
9/7/2010	0.0093 (O)	
4/29/2011	<0.0018	
10/28/2011	<0.0018	
5/3/2012	<0.0018	
11/9/2012	0.0035 (J)	
5/10/2013	0.0081 (O)	
11/6/2013	<0.0018	
5/22/2014	<0.0018	
11/9/2014	<0.0018	
5/22/2015	<0.0018	
11/10/2015	<0.0018	
4/12/2016	<0.0018 (D)	
10/5/2016	<0.0018	
4/6/2017	<0.0018	
10/5/2017	<0.0018	
3/21/2018	0.0022 (J)	
10/3/2018	0.0018 (J)	
3/26/2019	<0.0018	
9/10/2019	0.0016	
3/18/2020	0.00091 (J)	
9/10/2020	0.0014	
4/6/2021	0.0018	
8/12/2021	0.0029	
2/15/2022	0.0013	
8/25/2022	0.0024	
2/28/2023		0.0011
8/9/2023		0.00078 (J)
3/4/2024		0.0014
8/7/2024		0.0016

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-4	GWC-4
5/11/2010	<0.0018	
6/17/2010	<0.0018	
7/28/2010	<0.0018	
9/8/2010	<0.0018	
4/28/2011	<0.0018	
10/29/2011	<0.0018	
5/3/2012	<0.0018	
11/10/2012	<0.0018	
5/10/2013	<0.0018	
11/6/2013	<0.0018	
5/22/2014	<0.0018	
11/9/2014	<0.0018	
5/22/2015	<0.0018	
11/11/2015	<0.0018	
4/12/2016	<0.0018	
10/6/2016	0.0021 (J)	
4/6/2017	<0.0018	
10/6/2017	<0.0018	
3/21/2018	<0.0018	
10/3/2018	<0.0018	
3/26/2019	0.0036	
9/10/2019	0.00079 (J)	
3/19/2020	0.00073 (J)	
9/10/2020	0.0013	
4/2/2021	0.0012	
8/12/2021	0.00076 (J)	
2/15/2022	0.00076 (J)	
8/25/2022	0.0015	
2/27/2023		0.0012
8/8/2023		0.001
2/29/2024		0.0015
8/7/2024		0.0013

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-5
5/11/2010	<0.001	
6/18/2010	<0.001	
7/27/2010	<0.001	
9/9/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	<0.001	
5/4/2012	<0.001	
11/10/2012	<0.001	
5/9/2013	<0.001	
11/6/2013	<0.001	
5/22/2014	<0.001	
11/9/2014	<0.001	
5/24/2015	0.006 (O)	
11/11/2015	<0.001	
4/19/2016	0.00268 (J)	
10/6/2016	<0.001	
4/6/2017	0.0018 (J)	
10/5/2017	<0.001	
3/22/2018	0.0019 (J)	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	0.0007 (J)	
3/18/2020	0.00068 (J)	
9/9/2020	0.00039 (J)	
4/1/2021	0.00042 (J)	
8/12/2021	0.00061 (J)	
2/15/2022	0.001	
8/25/2022	0.00071 (J)	
2/28/2023		<0.001
8/8/2023		<0.001
2/29/2024		0.00049 (J)
8/6/2024		0.00046 (J)

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-6	GWC-6
5/11/2010	0.0034	
6/18/2010	0.0046	
7/27/2010	<0.0018	
9/9/2010	<0.0018	
4/30/2011	<0.0018	
10/29/2011	<0.0018	
5/4/2012	<0.0018	
11/10/2012	0.0053	
5/9/2013	<0.0018	
11/7/2013	<0.0018	
5/21/2014	<0.0018	
11/9/2014	<0.0018	
5/24/2015	0.0047	
11/11/2015	<0.0018	
4/12/2016	<0.0018	
10/6/2016	<0.0018	
4/6/2017	<0.0018	
10/6/2017	<0.0018	
3/21/2018	<0.0018	
10/3/2018	<0.0018	
3/26/2019	<0.0018	
9/11/2019	0.00099 (J)	
3/18/2020	0.00062 (J)	
9/10/2020	0.0009 (J)	
4/5/2021	0.00088 (J)	
8/11/2021	0.00074 (J)	
2/15/2022	0.00089 (J)	
8/25/2022	0.0013	
2/27/2023		0.0008 (J)
8/8/2023		0.00075 (J)
2/29/2024		0.00098 (J)
8/7/2024		0.00083 (J)

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-7	GWC-7
5/10/2010	<0.001	
6/18/2010	<0.001	
7/28/2010	<0.001	
9/9/2010	<0.001	
4/30/2011	<0.001	
10/29/2011	<0.001	
5/4/2012	<0.001	
11/10/2012	<0.001	
5/9/2013	<0.001	
11/7/2013	<0.001	
5/21/2014	<0.001	
11/12/2014	<0.001	
5/24/2015	0.0044	
11/11/2015	<0.001	
4/13/2016	<0.001 (D)	
10/6/2016	<0.001	
4/7/2017	<0.001	
10/6/2017	<0.001	
3/22/2018	<0.001	
10/4/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	0.00046 (J)	
3/19/2020	<0.001	
9/10/2020	0.0007 (J)	
4/1/2021	0.00036 (J)	
8/11/2021	<0.001	
2/15/2022	<0.001	
8/25/2022	0.0015	
2/27/2023		0.01
5/2/2023		<0.001
8/8/2023		<0.001
2/29/2024		<0.001
8/6/2024		<0.001

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-8A	GWC-8A
5/10/2010	<0.0018	
6/19/2010	<0.0018	
7/28/2010	<0.0018	
9/8/2010	<0.0018	
4/30/2011	0.008 (O)	
10/27/2011	0.0044 (J)	
5/4/2012	0.0032 (J)	
11/11/2012	0.0069	
5/10/2013	0.0093 (O)	
11/7/2013	0.0033 (J)	
5/21/2014	<0.0018	
11/13/2014	0.0049 (J)	
5/23/2015	0.003 (J)	
11/11/2015	<0.0018	
4/19/2016	0.00247 (J)	
10/10/2016	<0.0018	
4/7/2017	0.0022 (J)	
10/9/2017	<0.0018	
3/22/2018	<0.0018	
10/4/2018	<0.0018	
3/27/2019	<0.0018	
9/11/2019	0.0013	
3/18/2020	0.0044	
9/9/2020	0.0036	
4/5/2021	0.0058	
8/12/2021	0.0035	
2/15/2022	0.0055	
8/25/2022	0.0053	
2/27/2023		0.007
5/2/2023		0.0062
8/8/2023		0.0087
10/4/2023		0.0052 (R)
2/29/2024		0.0055
8/6/2024		0.0046

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-9	GWC-9
5/10/2010	<0.001	
6/16/2010	<0.001	
7/27/2010	<0.001	
9/8/2010	<0.001	
4/29/2011	<0.001	
10/27/2011	<0.001	
5/3/2012	<0.001	
11/11/2012	<0.001	
5/9/2013	<0.001	
11/6/2013	<0.001	
5/21/2014	<0.001	
11/12/2014	<0.001	
5/23/2015	<0.001	
11/12/2015	<0.001	
4/13/2016	<0.001 (D)	
10/6/2016	<0.001	
4/6/2017	<0.001	
10/5/2017	<0.001	
3/21/2018	<0.001	
10/2/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	0.00063 (J)	
3/18/2020	<0.001	
9/9/2020	0.00046 (J)	
4/1/2021	0.00058 (J)	
8/12/2021	0.00045 (J)	
2/15/2022	<0.001	
8/25/2022	0.0042	
12/28/2022	0.00068 (J,R)	
2/27/2023		0.00091 (J)
8/8/2023		0.00066 (J)
3/1/2024		0.00086 (J)
8/6/2024		0.00042 (J)

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15	GWA-15
5/9/2010	<0.005	
6/18/2010	<0.005	
7/28/2010	<0.005	
9/9/2010	<0.005	
4/30/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/5/2013	<0.005	
5/20/2014	<0.005	
11/12/2014	<0.005	
5/22/2015	<0.005	
11/11/2015	<0.005	
4/6/2016	<0.005	
6/15/2016	<0.005	
8/10/2016	<0.005	
10/4/2016	<0.005	
11/30/2016	<0.005	
2/7/2017	<0.005	
4/4/2017	0.00067 (J)	
6/20/2017	<0.005	
10/4/2017	<0.005	
3/20/2018	<0.005 (XD)	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	<0.005	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/28/2023		<0.005
8/3/2023		<0.005
3/4/2024		<0.005
8/6/2024		<0.005

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-16	GWA-16
5/9/2010	<0.005	
6/16/2010	<0.005	
7/27/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/6/2013	<0.005	
5/20/2014	<0.005	
11/8/2014	<0.005	
5/22/2015	<0.005	
11/9/2015	0.0043	
4/6/2016	<0.005	
6/15/2016	<0.005	
8/10/2016	<0.005	
10/4/2016	<0.005	
11/29/2016	0.00024 (J)	
2/7/2017	<0.005	
4/4/2017	0.0017	
6/20/2017	<0.005	
10/5/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	<0.005	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/28/2023		<0.005
8/3/2023		<0.005
2/28/2024		<0.005
8/6/2024		<0.005

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17	GWA-17
5/8/2010	<0.005	
6/16/2010	<0.005	
7/26/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	0.0044	
11/6/2013	<0.005	
5/20/2014	<0.005	
11/8/2014	<0.005	
5/22/2015	<0.005	
11/9/2015	<0.005	
4/6/2016	<0.005	
6/15/2016	<0.005	
8/10/2016	<0.005	
10/5/2016	<0.005	
11/29/2016	<0.005	
2/7/2017	<0.005	
4/4/2017	<0.005	
6/20/2017	<0.005	
10/5/2017	0.00027 (J)	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	<0.005	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/15/2022	<0.005	
8/24/2022	<0.005	
2/28/2023		<0.005
8/3/2023		<0.005
2/28/2024		<0.005
8/6/2024		<0.005

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-1	GWC-1
5/11/2010	<0.005	
6/17/2010	<0.005	
7/27/2010	<0.005	
9/9/2010	<0.005	
4/28/2011	<0.005	
10/29/2011	<0.005	
5/3/2012	<0.005	
11/9/2012	<0.005	
5/9/2013	<0.005	
11/5/2013	<0.005	
5/23/2014	<0.005	
11/13/2014	<0.005	
5/23/2015	0.0053	
11/11/2015	<0.005	
4/12/2016	<0.005	
6/16/2016	<0.005	
8/11/2016	<0.005	
10/4/2016	0.00037 (J)	
11/30/2016	<0.005	
2/7/2017	<0.005	
4/5/2017	<0.005	
6/20/2017	<0.005	
10/4/2017	<0.005	
3/20/2018	<0.005 (X)	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	<0.005	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/18/2021	<0.005	
2/15/2022	<0.005	
8/24/2022	<0.005	
2/27/2023		<0.005
8/9/2023		<0.005
3/1/2024		<0.005
8/6/2024		<0.005

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-10	GWC-10
5/10/2010	<0.005	
6/16/2010	<0.005	
7/28/2010	<0.005	
9/8/2010	<0.005	
4/29/2011	<0.005	
10/27/2011	<0.005	
5/4/2012	<0.005	
11/11/2012	<0.005	
5/9/2013	<0.005	
11/5/2013	<0.005	
5/21/2014	<0.005	
11/12/2014	<0.005	
5/23/2015	0.0043	
11/12/2015	0.0046	
4/13/2016	<0.005 (D)	
6/21/2016	<0.005	
8/15/2016	<0.005	
10/5/2016	<0.005	
12/1/2016	<0.005	
2/8/2017	<0.005	
4/6/2017	<0.005	
6/21/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	<0.005	
10/2/2018	<0.005	
3/27/2019	<0.005	
9/11/2019	<0.005	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/17/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/21/2023		<0.005
8/9/2023		<0.005
3/1/2024		<0.005
8/6/2024		<0.005

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-11
5/10/2010	<0.005	
6/16/2010	<0.005	
7/27/2010	<0.005	
9/8/2010	<0.005	
4/29/2011	<0.005	
10/27/2011	<0.005	
5/4/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/20/2014	<0.005	
11/12/2014	<0.005	
5/24/2015	0.005	
11/12/2015	0.0042	
4/13/2016	<0.005 (D)	
6/21/2016	<0.005	
8/15/2016	<0.005	
10/5/2016	<0.005	
12/1/2016	<0.005	
2/8/2017	<0.005	
4/6/2017	0.00031 (J)	
6/20/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	<0.005	
10/2/2018	<0.005	
3/27/2019	<0.005	
3/18/2020	<0.005	
9/10/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/16/2022	<0.005	
8/25/2022	<0.005	
2/27/2023		<0.005
8/9/2023		<0.005
2/29/2024		<0.005
8/6/2024		<0.005

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-12	GWC-12
5/9/2010	<0.005	
6/18/2010	<0.005	
7/27/2010	<0.005	
9/8/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	0.004	
5/3/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/20/2014	<0.005	
11/12/2014	<0.005	
5/23/2015	<0.005	
11/12/2015	<0.005	
4/13/2016	<0.005 (D)	
6/21/2016	<0.005	
8/15/2016	<0.005	
10/5/2016	<0.005	
12/1/2016	<0.005	
2/8/2017	<0.005	
4/5/2017	<0.005	
6/20/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	<0.005 (D)	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/11/2019	<0.005	
3/18/2020	<0.005	
9/10/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/16/2022	<0.005	
8/26/2022	<0.005	
2/27/2023		<0.005
8/9/2023		<0.005
2/29/2024		<0.005
8/6/2024		<0.005

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-14	GWC-14
5/9/2010	<0.005	
6/18/2010	<0.005	
7/28/2010	<0.005	
9/9/2010	<0.005	
4/30/2011	<0.005	
10/28/2011	<0.005	
5/3/2012	<0.005	
11/10/2012	<0.005	
5/8/2013	<0.005	
11/5/2013	<0.005	
5/20/2014	<0.005	
11/12/2014	<0.005	
5/24/2015	<0.005	
11/11/2015	0.0052	
4/13/2016	<0.005 (D)	
6/21/2016	<0.005	
8/15/2016	<0.005	
10/4/2016	<0.005	
12/1/2016	0.00025 (J)	
2/7/2017	<0.005	
4/6/2017	<0.005	
6/20/2017	<0.005	
10/5/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/11/2019	<0.005	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/16/2022	<0.005	
8/26/2022	<0.005	
2/27/2023		<0.005
8/9/2023		<0.005
3/1/2024		<0.005
8/8/2024		<0.005

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-18	GWC-18
5/10/2010	<0.005	
6/16/2010	<0.005	
7/26/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/6/2013	<0.005	
5/23/2014	<0.005	
11/8/2014	<0.005	
5/22/2015	<0.005	
11/10/2015	0.0041	
4/11/2016	<0.005	
6/16/2016	<0.005	
8/11/2016	<0.005	
10/5/2016	<0.005	
11/29/2016	<0.005	
2/8/2017	<0.005	
4/6/2017	<0.005	
6/21/2017	<0.005	
10/5/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/11/2019	<0.005	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/16/2022	<0.005	
8/25/2022	<0.005	
2/28/2023		<0.005
8/9/2023		<0.005
2/29/2024		<0.005
8/6/2024		<0.005

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-19
5/11/2010	<0.005	
6/16/2010	<0.005	
7/27/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/22/2014	<0.005	
11/8/2014	<0.005	
5/23/2015	<0.005	
11/10/2015	0.0044	
4/11/2016	<0.005	
6/16/2016	<0.005	
8/11/2016	<0.005	
10/5/2016	<0.005	
11/29/2016	<0.005	
2/8/2017	<0.005	
4/5/2017	<0.005	
6/21/2017	<0.005	
10/5/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/9/2020	<0.005	
4/5/2021	<0.005	
8/11/2021	<0.005	
2/16/2022	<0.005	
8/25/2022	<0.005	
2/28/2023		<0.005
8/8/2023		<0.005
2/29/2024		<0.005
8/6/2024		<0.005

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-2	GWC-2
5/11/2010	<0.005	
6/19/2010	<0.005	
7/27/2010	<0.005	
9/9/2010	<0.005	
4/28/2011	<0.005	
10/28/2011	<0.005	
5/3/2012	<0.005	
11/9/2012	<0.005	
5/9/2013	<0.005	
11/5/2013	<0.005	
5/22/2014	<0.005	
11/13/2014	<0.005	
5/24/2015	0.0044	
11/11/2015	0.0045	
4/12/2016	<0.005	
6/16/2016	<0.005	
8/11/2016	<0.005	
10/4/2016	<0.005	
11/30/2016	<0.005	
2/7/2017	<0.005	
4/6/2017	0.0023	
6/20/2017	<0.005	
10/4/2017	<0.005	
3/20/2018	<0.005 (X)	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	<0.005	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/12/2021	<0.005	
2/15/2022	<0.005	
8/26/2022	<0.005	
2/27/2023		0.00075 (J)
8/9/2023		<0.005
3/1/2024		<0.005
8/6/2024		<0.005

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-3	GWC-3
5/11/2010	<0.005	
6/17/2010	<0.005	
7/28/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/3/2012	<0.005	
11/9/2012	<0.005	
5/10/2013	<0.005	
11/6/2013	<0.005	
5/22/2014	<0.005	
11/9/2014	<0.005	
5/22/2015	<0.005	
11/10/2015	<0.005	
4/12/2016	<0.005 (D)	
6/20/2016	<0.005	
8/12/2016	0.00036 (J)	
10/5/2016	<0.005	
11/30/2016	<0.005	
2/8/2017	<0.005	
4/6/2017	<0.005	
6/21/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	<0.005	
10/3/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	<0.005	
3/18/2020	<0.005	
9/10/2020	<0.005	
4/6/2021	<0.005	
8/12/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/28/2023		<0.005
8/9/2023		<0.005
3/4/2024		<0.005
8/7/2024		<0.005

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-4	GWC-4
5/11/2010	<0.005	
6/17/2010	<0.005	
7/28/2010	<0.005	
9/8/2010	<0.005	
4/28/2011	<0.005	
10/29/2011	<0.005	
5/3/2012	<0.005	
11/10/2012	<0.005	
5/10/2013	<0.005	
11/6/2013	<0.005	
5/22/2014	<0.005	
11/9/2014	<0.005	
5/22/2015	<0.005	
11/11/2015	<0.005	
4/12/2016	<0.005	
6/20/2016	<0.005	
8/12/2016	<0.005	
10/6/2016	<0.005	
11/30/2016	<0.005	
2/8/2017	<0.005	
4/6/2017	<0.005	
6/22/2017	<0.005	
10/6/2017	<0.005	
3/21/2018	<0.005 (X)	
10/3/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	<0.005	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/2/2021	<0.005	
8/12/2021	<0.005	
2/15/2022	0.0013 (J)	
8/25/2022	0.0012 (J)	
2/27/2023		0.0039 (J)
8/8/2023		0.0041 (J)
2/29/2024		0.0042 (J)
8/7/2024		0.0045 (J)

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-5
5/11/2010	<0.01	
6/18/2010	<0.01	
7/27/2010	<0.01	
9/9/2010	<0.01	
4/29/2011	<0.01	
10/28/2011	<0.01	
5/4/2012	<0.01	
11/10/2012	<0.01	
5/9/2013	<0.01	
11/6/2013	<0.01	
5/22/2014	<0.01	
11/9/2014	<0.01	
5/24/2015	0.013 (J)	
11/11/2015	0.037	
4/19/2016	0.0587	
6/22/2016	0.0435	
8/16/2016	0.029	
10/6/2016	0.027	
12/1/2016	0.029	
2/9/2017	0.031	
4/6/2017	0.043	
6/21/2017	0.052	
10/5/2017	0.038	
3/22/2018	0.038	
10/3/2018	0.021	
3/27/2019	0.023	
9/11/2019	0.0079	
3/18/2020	0.014	
9/9/2020	0.0054	
4/1/2021	0.0065	
8/12/2021	0.0088	
2/15/2022	0.0058	
8/25/2022	0.0043 (J)	
2/28/2023		0.0033 (J)
8/8/2023		0.003 (J)
2/29/2024		0.0018 (J)
8/6/2024		0.0029 (J)

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-6	GWC-6
5/11/2010	<0.005	
6/18/2010	<0.005	
7/27/2010	<0.005	
9/9/2010	<0.005	
4/30/2011	<0.005	
10/29/2011	<0.005	
5/4/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/7/2013	<0.005	
5/21/2014	<0.005	
11/9/2014	<0.005	
5/24/2015	<0.005	
11/11/2015	0.007	
4/12/2016	<0.005	
6/20/2016	0.00032 (J)	
8/12/2016	0.00035 (J)	
10/6/2016	0.00029 (J)	
11/30/2016	0.00026 (J)	
2/9/2017	<0.005	
4/6/2017	<0.005	
6/21/2017	0.00031 (J)	
10/6/2017	<0.005	
3/21/2018	<0.005 (X)	
10/3/2018	0.00056 (J)	
3/26/2019	<0.005	
9/11/2019	<0.005	
3/18/2020	<0.005	
9/10/2020	<0.005	
4/5/2021	<0.005	
8/11/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/27/2023		<0.005
8/8/2023		<0.005
2/29/2024		<0.005
8/7/2024		<0.005

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-7	GWC-7
5/10/2010	<0.005	
6/18/2010	<0.005	
7/28/2010	<0.005	
9/9/2010	<0.005	
4/30/2011	<0.005	
10/29/2011	<0.005	
5/4/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/7/2013	<0.005	
5/21/2014	<0.005	
11/12/2014	<0.005	
5/24/2015	0.0053	
11/11/2015	0.0049	
4/13/2016	<0.005 (D)	
6/20/2016	<0.005	
8/15/2016	<0.005	
10/6/2016	<0.005	
12/1/2016	<0.005	
2/9/2017	<0.005	
4/7/2017	<0.005	
6/22/2017	<0.005	
10/6/2017	<0.005	
3/22/2018	<0.005	
10/4/2018	<0.005	
3/27/2019	<0.005	
9/11/2019	<0.005	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/27/2023		<0.005
8/8/2023		<0.005
2/29/2024		<0.005
8/6/2024		<0.005

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-8A	GWC-8A
5/10/2010	<0.005	
6/19/2010	<0.005	
7/28/2010	<0.005	
9/8/2010	<0.005	
4/30/2011	<0.005	
10/27/2011	<0.005	
5/4/2012	<0.005	
11/11/2012	<0.005	
5/10/2013	<0.005	
11/7/2013	<0.005	
5/21/2014	<0.005	
11/13/2014	<0.005	
5/23/2015	0.0045	
11/11/2015	0.0043	
4/19/2016	<0.005	
10/10/2016	<0.005	
12/1/2016	<0.005	
2/9/2017	<0.005	
4/7/2017	<0.005	
6/21/2017	<0.005	
8/15/2017	<0.005	
9/1/2017	0.00044 (J)	
10/9/2017	<0.005	
3/22/2018	0.00032 (J)	
10/4/2018	<0.005	
3/27/2019	<0.005	
9/11/2019	<0.005	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/5/2021	<0.005	
8/12/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/27/2023		<0.005
8/8/2023		<0.005
2/29/2024		<0.005
8/6/2024		<0.005

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-9	GWC-9
5/10/2010	<0.005	
6/16/2010	<0.005	
7/27/2010	<0.005	
9/8/2010	<0.005	
4/29/2011	<0.005	
10/27/2011	<0.005	
5/3/2012	<0.005	
11/11/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/21/2014	<0.005	
11/12/2014	<0.005	
5/23/2015	<0.005	
11/12/2015	0.0065	
4/13/2016	<0.005 (D)	
6/22/2016	<0.005	
8/15/2016	<0.005	
10/6/2016	<0.005	
12/1/2016	<0.005	
2/8/2017	<0.005	
4/6/2017	<0.005	
6/21/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	<0.005 (X)	
10/2/2018	<0.005	
3/27/2019	<0.005	
9/11/2019	<0.005	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/12/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/27/2023		<0.005
8/8/2023		<0.005
3/1/2024		<0.005
8/6/2024		<0.005

Prediction Limit

Constituent: Thallium, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15	GWA-15
5/9/2010	<0.001	
6/18/2010	<0.001	
7/28/2010	<0.001	
9/9/2010	<0.001	
4/30/2011	<0.001	
10/28/2011	<0.001	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	<0.001	
11/5/2013	<0.001	
5/20/2014	<0.001	
11/12/2014	<0.001	
5/22/2015	<0.001	
11/11/2015	<0.001	
4/6/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
10/4/2016	<0.001	
11/30/2016	<0.001	
2/7/2017	<0.001	
4/4/2017	<0.001	
6/20/2017	<0.001	
10/4/2017	<0.001	
3/20/2018	<0.001 (D)	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	<0.001	
3/18/2020	<0.001	
9/9/2020	0.00025 (J)	
4/1/2021	<0.001	
8/11/2021	<0.001	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/28/2023		<0.001
8/3/2023		<0.001
3/4/2024		<0.001
8/6/2024		<0.001

Prediction Limit

Constituent: Thallium, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-16	GWA-16
5/9/2010	<0.001	
6/16/2010	<0.001	
7/27/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	<0.001	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	0.0003	
11/6/2013	<0.001	
5/20/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	<0.001	
11/9/2015	<0.001	
4/6/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
10/4/2016	<0.001	
11/29/2016	<0.001	
2/7/2017	<0.001	
4/4/2017	<0.001	
6/20/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	0.00021 (J)	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/11/2021	<0.001	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/28/2023		<0.001
8/3/2023		<0.001
2/28/2024		<0.001
8/6/2024		<0.001

Prediction Limit

Constituent: Thallium, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17	GWA-17
5/8/2010	<0.001	
6/16/2010	<0.001	
7/26/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	<0.001	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	<0.001	
11/6/2013	<0.001	
5/20/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	<0.001	
11/9/2015	<0.001	
4/6/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
10/5/2016	<0.001	
11/29/2016	<0.001	
2/7/2017	<0.001	
4/4/2017	<0.001	
6/20/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	0.00023 (J)	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/11/2021	<0.001	
2/15/2022	<0.001	
8/24/2022	<0.001	
2/28/2023		<0.001
8/3/2023		<0.001
2/28/2024		<0.001
8/6/2024		<0.001

Prediction Limit

Constituent: Thallium, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-1	GWC-1
5/11/2010	<0.001	
6/17/2010	<0.001	
7/27/2010	<0.001	
9/9/2010	<0.001	
4/28/2011	<0.001	
10/29/2011	<0.001	
5/3/2012	<0.001	
11/9/2012	<0.001	
5/9/2013	<0.001	
11/5/2013	<0.001	
5/23/2014	<0.001	
11/13/2014	<0.001	
5/23/2015	<0.001	
11/11/2015	<0.001	
4/12/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/4/2016	<0.001	
11/30/2016	<0.001	
2/7/2017	<0.001	
4/5/2017	<0.001	
6/20/2017	<0.001	
10/4/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	<0.001	
3/18/2020	0.00049 (J)	
9/9/2020	<0.001	
4/1/2021	0.00027 (J)	
8/18/2021	<0.001	
2/15/2022	<0.001	
8/24/2022	<0.001	
2/27/2023		<0.001
8/9/2023		<0.001
3/1/2024		<0.001
8/6/2024		<0.001

Prediction Limit

Constituent: Thallium, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-19
5/11/2010	<0.001	
6/16/2010	<0.001	
7/27/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	<0.001	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/9/2013	<0.001	
11/6/2013	<0.001	
5/22/2014	<0.001	
11/8/2014	<0.001	
5/23/2015	<0.001	
11/10/2015	<0.001	
4/11/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/5/2016	<0.001	
11/29/2016	<0.001	
2/8/2017	<0.001	
4/5/2017	<0.001	
6/21/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/9/2020	<0.001	
4/5/2021	0.00032 (J)	
8/11/2021	<0.001	
2/16/2022	<0.001	
8/25/2022	<0.001	
2/28/2023		<0.001
8/8/2023		<0.001
2/29/2024		<0.001
8/6/2024		<0.001

Prediction Limit

Constituent: Thallium, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-2	GWC-2
5/11/2010	<0.001	
6/19/2010	<0.001	
7/27/2010	<0.001	
9/9/2010	<0.001	
4/28/2011	<0.001	
10/28/2011	<0.001	
5/3/2012	<0.001	
11/9/2012	<0.001	
5/9/2013	<0.001	
11/5/2013	<0.001	
5/22/2014	<0.001	
11/13/2014	<0.001	
5/24/2015	<0.001	
11/11/2015	<0.001	
4/12/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/4/2016	<0.001	
11/30/2016	<0.001	
2/7/2017	<0.001	
4/6/2017	<0.001	
6/20/2017	<0.001	
10/4/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	<0.001	
3/18/2020	0.00025 (J)	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/12/2021	<0.001	
2/15/2022	<0.001	
8/26/2022	<0.001	
2/27/2023		<0.001
8/9/2023		<0.001
3/1/2024		<0.001
8/6/2024		<0.001

Prediction Limit

Constituent: Thallium, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-4	GWC-4
5/11/2010	<0.001	
6/17/2010	<0.001	
7/28/2010	<0.001	
9/8/2010	<0.001	
4/28/2011	<0.001	
10/29/2011	<0.001	
5/3/2012	<0.001	
11/10/2012	<0.001	
5/10/2013	<0.001	
11/6/2013	<0.001	
5/22/2014	<0.001	
11/9/2014	<0.001	
5/22/2015	<0.001	
11/11/2015	<0.001	
4/12/2016	<0.001	
6/20/2016	<0.001	
8/12/2016	<0.001	
10/6/2016	<0.001	
11/30/2016	<0.001	
2/8/2017	<0.001	
4/6/2017	<0.001	
6/22/2017	<0.001	
10/6/2017	<0.001	
3/21/2018	<0.001	
10/3/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	<0.001	
3/19/2020	0.00036 (J)	
9/10/2020	<0.001	
4/2/2021	<0.001	
8/12/2021	<0.001	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/27/2023		<0.001
8/8/2023		<0.001
2/29/2024		<0.001
8/7/2024		<0.001

Prediction Limit

Constituent: Thallium, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-5
5/11/2010	<0.001	
6/18/2010	<0.001	
7/27/2010	<0.001	
9/9/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	<0.001	
5/4/2012	<0.001	
11/10/2012	<0.001	
5/9/2013	<0.001	
11/6/2013	<0.001	
5/22/2014	<0.001	
11/9/2014	<0.001	
5/24/2015	<0.001	
11/11/2015	<0.001	
4/19/2016	<0.001	
6/22/2016	<0.001	
8/16/2016	<0.001	
10/6/2016	<0.001	
12/1/2016	<0.001	
2/9/2017	<0.001	
4/6/2017	<0.001	
6/21/2017	<0.001	
10/5/2017	<0.001	
3/22/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/12/2021	0.00037 (J)	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/28/2023		<0.001
8/8/2023		<0.001
2/29/2024		<0.001
8/6/2024		<0.001

Prediction Limit

Constituent: Thallium, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-6	GWC-6
5/11/2010	<0.001	
6/18/2010	<0.001	
7/27/2010	<0.001	
9/9/2010	<0.001	
4/30/2011	<0.001	
10/29/2011	<0.001	
5/4/2012	<0.001	
11/10/2012	<0.001	
5/9/2013	<0.001	
11/7/2013	<0.001	
5/21/2014	<0.001	
11/9/2014	<0.001	
5/24/2015	<0.001	
11/11/2015	<0.001	
4/12/2016	<0.001	
6/20/2016	<0.001	
8/12/2016	<0.001	
10/6/2016	<0.001	
11/30/2016	<0.001	
2/9/2017	<0.001	
4/6/2017	<0.001	
6/21/2017	<0.001	
10/6/2017	<0.001	
3/21/2018	<0.001	
10/3/2018	<0.001	
3/26/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/10/2020	<0.001	
4/5/2021	0.0003 (J)	
8/11/2021	0.0002 (J)	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/27/2023		<0.001
8/8/2023		<0.001
2/29/2024		<0.001
8/7/2024		<0.001

Prediction Limit

Constituent: Thallium, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-7	GWC-7
5/10/2010	<0.001	
6/18/2010	<0.001	
7/28/2010	<0.001	
9/9/2010	<0.001	
4/30/2011	<0.001	
10/29/2011	0.00027	
5/4/2012	<0.001	
11/10/2012	<0.001	
5/9/2013	<0.001	
11/7/2013	0.00026	
5/21/2014	<0.001	
11/12/2014	<0.001	
5/24/2015	<0.001	
11/11/2015	<0.001	
4/13/2016	<0.001 (D)	
6/20/2016	<0.001	
8/15/2016	<0.001	
10/6/2016	<0.001	
12/1/2016	<0.001	
2/9/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/6/2017	<0.001	
3/22/2018	<0.001	
10/4/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	0.00019 (J)	
4/1/2021	<0.001	
8/11/2021	0.00043 (J)	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/27/2023		<0.001
8/8/2023		<0.001
2/29/2024		<0.001
8/6/2024		<0.001

Prediction Limit

Constituent: Thallium, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-8A	GWC-8A
5/10/2010	<0.001	
6/19/2010	<0.001	
7/28/2010	<0.001	
9/8/2010	<0.001	
4/30/2011	<0.001	
10/27/2011	<0.001	
5/4/2012	<0.001	
11/11/2012	<0.001	
5/10/2013	<0.001	
11/7/2013	<0.001	
5/21/2014	<0.001	
11/13/2014	<0.001	
5/23/2015	<0.001	
11/11/2015	<0.001	
4/19/2016	<0.001	
10/10/2016	<0.001	
12/1/2016	<0.001	
2/9/2017	<0.001	
4/7/2017	<0.001	
6/21/2017	<0.001	
8/15/2017	<0.001	
9/1/2017	<0.001	
10/9/2017	<0.001	
3/22/2018	<0.001	
10/4/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/5/2021	0.00081 (J)	
8/12/2021	0.00043 (J)	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/27/2023		<0.001
8/8/2023		<0.001
2/29/2024		<0.001
8/6/2024		<0.001

Prediction Limit

Constituent: Thallium, Total (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-9	GWC-9
5/10/2010	<0.001	
6/16/2010	<0.001	
7/27/2010	<0.001	
9/8/2010	<0.001	
4/29/2011	<0.001	
10/27/2011	<0.001	
5/3/2012	<0.001	
11/11/2012	<0.001	
5/9/2013	<0.001	
11/6/2013	<0.001	
5/21/2014	<0.001	
11/12/2014	<0.001	
5/23/2015	<0.001	
11/12/2015	<0.001	
4/13/2016	<0.001 (D)	
6/22/2016	<0.001	
8/15/2016	<0.001	
10/6/2016	<0.001	
12/1/2016	<0.001	
2/8/2017	<0.001	
4/6/2017	<0.001	
6/21/2017	<0.001	
10/5/2017	<0.001	
3/21/2018	<0.001	
10/2/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/12/2021	0.00016 (J)	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/27/2023		<0.001
8/8/2023		<0.001
3/1/2024		<0.001
8/6/2024		<0.001

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Inrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15	GWA-15
5/9/2010	<0.002	
6/18/2010	<0.002	
7/28/2010	<0.002	
9/9/2010	<0.002	
4/30/2011	<0.002	
10/28/2011	<0.002	
5/2/2012	<0.002	
11/9/2012	<0.002	
5/8/2013	<0.002	
11/5/2013	<0.002	
5/20/2014	<0.002	
11/12/2014	0.0035 (J)	
5/22/2015	<0.002	
11/11/2015	<0.002	
4/6/2016	<0.002	
10/4/2016	0.0031	
4/4/2017	<0.002	
10/4/2017	0.0021 (J)	
3/20/2018	<0.002 (D)	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/10/2019	0.0022	
3/18/2020	0.0011	
9/9/2020	<0.002	
4/1/2021	<0.002	
8/11/2021	<0.002	
2/15/2022	<0.002	
8/25/2022	<0.002	
2/28/2023		0.0011
8/3/2023		<0.002
3/4/2024		0.00066 (J)
8/6/2024		<0.002

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-16	GWA-16
5/9/2010	0.0049 (J)	
6/16/2010	0.0054 (J)	
7/27/2010	0.0055 (J)	
9/7/2010	0.005 (J)	
4/29/2011	0.005 (J)	
10/28/2011	0.0081 (J)	
5/2/2012	0.0059 (J)	
11/9/2012	0.0062 (J)	
5/8/2013	0.0079 (J)	
11/6/2013	0.0068 (J)	
5/20/2014	0.0074 (J)	
11/8/2014	0.0097 (J)	
5/22/2015	0.0085 (J)	
11/9/2015	<0.01	
4/6/2016	0.00726 (J)	
10/4/2016	0.013	
4/4/2017	0.0046	
10/5/2017	0.0071	
3/20/2018	0.0067	
10/2/2018	0.0069	
3/26/2019	0.007	
9/10/2019	0.01	
3/18/2020	0.0078	
9/9/2020	0.0072	
4/1/2021	0.0078	
8/11/2021	0.0082	
2/15/2022	0.0077	
8/25/2022	0.0079	
2/28/2023		0.0087
8/3/2023		0.0086
2/28/2024		0.0087
8/6/2024		0.0082

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17	GWA-17
5/8/2010	0.0024 (J)	
6/16/2010	0.002 (J)	
7/26/2010	<0.01	
9/7/2010	0.0026 (J)	
4/29/2011	0.0036 (J)	
10/28/2011	<0.01	
5/2/2012	0.003 (J)	
11/9/2012	0.0081 (J)	
5/8/2013	<0.01	
11/6/2013	0.0032 (J)	
5/20/2014	0.0036 (J)	
11/8/2014	0.0065 (J)	
5/22/2015	<0.01	
11/9/2015	0.0047 (J)	
4/6/2016	0.00424 (J)	
10/5/2016	0.0049	
4/4/2017	0.0048	
10/5/2017	0.0024 (J)	
3/20/2018	0.0041	
10/2/2018	0.004	
3/26/2019	0.0051	
9/10/2019	0.0091	
3/18/2020	0.0051	
9/9/2020	0.0053	
4/1/2021	0.005	
8/11/2021	0.0055	
2/15/2022	0.0052	
8/24/2022	0.0051	
2/28/2023		0.0057
8/3/2023		0.0041
2/28/2024		0.0056
8/6/2024		0.0055

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Inrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-1	GWC-1
5/11/2010	0.012	
6/17/2010	0.0082 (J)	
7/27/2010	0.0096 (J)	
9/9/2010	0.0098 (J)	
4/28/2011	0.0085 (J)	
10/29/2011	0.011	
5/3/2012	0.013	
11/9/2012	0.013	
5/9/2013	0.012	
11/5/2013	0.015	
5/23/2014	0.015	
11/13/2014	0.02	
5/23/2015	0.018	
11/11/2015	0.018	
4/12/2016	0.0173	
10/4/2016	0.021	
4/5/2017	0.017	
10/4/2017	0.02	
3/20/2018	0.016	
10/2/2018	0.017	
3/26/2019	0.017	
9/10/2019	0.02	
3/18/2020	0.02	
9/9/2020	0.018	
4/1/2021	0.019	
8/18/2021	0.018	
2/15/2022	0.018	
8/24/2022	0.017	
2/27/2023		0.019
8/9/2023		0.019
3/1/2024		0.018
8/6/2024		0.019

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Inrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-10	GWC-10
5/10/2010	0.011	
6/16/2010	0.01	
7/28/2010	0.011	
9/8/2010	0.011	
4/29/2011	0.01	
10/27/2011	0.014	
5/4/2012	0.0096 (J)	
11/11/2012	0.011	
5/9/2013	0.011	
11/5/2013	0.013	
5/21/2014	0.012	
11/12/2014	0.016	
5/23/2015	0.011	
11/12/2015	0.0053 (J)	
4/13/2016	0.0124 (D)	
10/5/2016	0.013	
4/6/2017	0.013	
10/5/2017	0.015	
3/21/2018	0.012	
10/2/2018	0.012	
3/27/2019	0.012	
9/11/2019	0.017	
3/18/2020	0.013	
9/9/2020	0.012	
4/1/2021	0.013	
10/18/2021	0.013	
2/15/2022	0.012	
8/25/2022	0.011	
2/21/2023		0.012
8/9/2023		0.013
3/1/2024		0.013
8/6/2024		0.01

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Inrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-11
5/10/2010	0.009 (J)	
6/16/2010	0.0089 (J)	
7/27/2010	0.0089 (J)	
9/8/2010	0.009 (J)	
4/29/2011	0.0082 (J)	
10/27/2011	0.009 (J)	
5/4/2012	0.0091 (J)	
11/10/2012	0.0096 (J)	
5/9/2013	0.01	
11/6/2013	0.01	
5/20/2014	0.011	
11/12/2014	0.012	
5/24/2015	0.012	
11/12/2015	<0.01	
4/13/2016	0.00976 (JD)	
10/5/2016	0.013	
4/6/2017	0.011	
10/5/2017	0.013	
3/21/2018	0.0098	
10/2/2018	0.01	
3/27/2019	0.012	
9/11/2019	0.015	
3/18/2020	0.011	
9/10/2020	0.01	
4/1/2021	0.011	
8/11/2021	0.011	
2/16/2022	0.0099	
8/25/2022	0.0099	
2/27/2023		0.012
8/9/2023		0.0099
2/29/2024		0.011
8/6/2024		0.0089

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Inrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-12	GWC-12
5/9/2010	<0.002	
6/18/2010	<0.002	
7/27/2010	<0.002	
9/8/2010	<0.002	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/3/2012	<0.002	
11/10/2012	<0.002	
5/9/2013	<0.002	
11/6/2013	<0.002	
5/20/2014	<0.002	
11/12/2014	0.0032 (J)	
5/23/2015	<0.002	
11/12/2015	<0.002	
4/13/2016	<0.002 (D)	
10/5/2016	<0.002	
4/5/2017	<0.002	
10/5/2017	0.0022 (J)	
3/21/2018	<0.0014 (JX)	
10/2/2018	<0.002	
3/26/2019	0.0029	
9/11/2019	0.0052	
3/18/2020	<0.002	
9/10/2020	<0.002	
4/1/2021	<0.002	
8/11/2021	<0.002	
2/16/2022	<0.002	
8/26/2022	<0.002	
2/27/2023		0.0014
8/9/2023		<0.002
2/29/2024		<0.002
8/6/2024		<0.002

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-13	GWC-13
5/9/2010	<0.002	
6/18/2010	<0.002	
7/29/2010	<0.002	
9/9/2010	<0.002	
4/26/2011	<0.002	
10/28/2011	<0.002	
5/4/2012	<0.002	
11/11/2012	<0.002	
5/8/2013	0.0039 (J)	
11/7/2013	<0.002	
5/20/2014	<0.002	
11/12/2014	0.004 (J)	
5/24/2015	<0.002	
11/12/2015	<0.002	
4/13/2016	<0.002 (D)	
10/7/2016	<0.002	
4/6/2017	<0.002	
10/6/2017	0.0032	
3/22/2018	<0.002	
10/3/2018	<0.002	
3/26/2019	0.0041	
9/11/2019	0.0062	
3/18/2020	0.001	
9/10/2020	0.0011	
4/6/2021	0.0028	
8/11/2021	0.0013	
2/16/2022	0.0011	
8/26/2022	0.0016	
2/27/2023		0.0021
8/9/2023		0.0016 (J)
3/1/2024		0.0011 (J)
8/6/2024		<0.002

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Inrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-14	GWC-14
5/9/2010	<0.002	
6/18/2010	<0.002	
7/28/2010	<0.002	
9/9/2010	<0.002	
4/30/2011	<0.002	
10/28/2011	<0.002	
5/3/2012	<0.002	
11/10/2012	<0.002	
5/8/2013	<0.002	
11/5/2013	<0.002	
5/20/2014	<0.002	
11/12/2014	<0.002	
5/24/2015	<0.002	
11/11/2015	<0.002	
4/13/2016	<0.002 (D)	
10/4/2016	0.0026	
4/6/2017	<0.002	
10/5/2017	0.0024 (J)	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	0.0034	
9/11/2019	0.0062	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021	0.0013	
8/11/2021	0.0012	
2/16/2022	0.00091 (J)	
8/26/2022	0.0017	
2/27/2023		0.002
8/9/2023		0.00079 (J)
3/1/2024		<0.002
8/8/2024		<0.002

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Inrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-18	GWC-18
5/10/2010	0.0052 (J)	
6/16/2010	0.0059 (J)	
7/26/2010	0.0052 (J)	
9/7/2010	0.0056 (J)	
4/29/2011	0.005 (J)	
10/28/2011	0.0048 (J)	
5/2/2012	0.0057 (J)	
11/9/2012	0.0057 (J)	
5/8/2013	0.0069 (J)	
11/6/2013	0.0052 (J)	
5/23/2014	0.0081 (J)	
11/8/2014	0.01	
5/22/2015	0.0052 (J)	
11/10/2015	<0.01	
4/11/2016	0.00604 (J)	
10/5/2016	0.0075	
4/6/2017	0.0065	
10/5/2017	0.0052	
3/20/2018	0.0064	
10/2/2018	0.0064	
3/26/2019	0.0094	
9/11/2019	0.011	
3/18/2020	0.0075	
9/9/2020	0.007	
4/1/2021	0.0081	
8/11/2021	0.008	
2/16/2022	0.0066	
8/25/2022	0.007	
2/28/2023		0.0072
8/9/2023		0.0061
2/29/2024		0.0069
8/6/2024		0.0066

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-19
5/11/2010	0.0064 (J)	
6/16/2010	0.0061 (J)	
7/27/2010	0.006 (J)	
9/7/2010	0.0066 (J)	
4/29/2011	0.0066 (J)	
10/28/2011	0.0057 (J)	
5/2/2012	0.006 (J)	
11/9/2012	0.0073 (J)	
5/9/2013	0.0069 (J)	
11/6/2013	0.0077 (J)	
5/22/2014	0.0075 (J)	
11/8/2014	0.0081 (J)	
5/23/2015	0.01	
11/10/2015	0.0033 (J)	
4/11/2016	0.00756 (J)	
10/5/2016	0.0084	
4/5/2017	0.0086	
10/5/2017	0.0062	
3/20/2018	0.0072	
10/2/2018	0.0073	
3/26/2019	0.0094	
9/12/2019	0.0083	
3/19/2020	0.008	
9/9/2020	0.0071	
4/5/2021	0.0068	
8/11/2021	0.0076	
2/16/2022	0.0068	
8/25/2022	0.0068	
2/28/2023		0.0078
8/8/2023		0.007
2/29/2024		0.0078
8/6/2024		0.0075

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-2	GWC-2
5/11/2010	0.0078 (J)	
6/19/2010	<0.01	
7/27/2010	0.0096 (J)	
9/9/2010	0.0095 (J)	
4/28/2011	0.01	
10/28/2011	0.014	
5/3/2012	0.013	
11/9/2012	0.012	
5/9/2013	0.012	
11/5/2013	0.014	
5/22/2014	0.013	
11/13/2014	0.016	
5/24/2015	0.014	
11/11/2015	0.014	
4/12/2016	0.0155	
10/4/2016	0.017	
4/6/2017	0.015	
10/4/2017	0.015	
3/20/2018	0.014	
10/2/2018	0.015	
3/26/2019	0.016	
9/10/2019	0.018	
3/18/2020	0.016	
9/9/2020	0.014	
4/1/2021	0.014	
8/12/2021	0.016	
2/15/2022	0.016	
8/26/2022	0.015	
2/27/2023		0.016
8/9/2023		0.016
3/1/2024		0.015
8/6/2024		0.016

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Inrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-20	GWC-20
5/11/2010	0.014	
6/17/2010	0.014	
7/27/2010	0.016	
9/7/2010	0.017	
4/29/2011	0.015	
10/28/2011	0.016	
5/3/2012	0.016	
11/10/2012	0.018	
5/9/2013	0.019	
11/6/2013	0.019	
5/22/2014	0.018	
11/9/2014	0.02	
5/24/2015	0.016	
11/10/2015	0.01	
4/12/2016	0.019	
10/5/2016	<0.016	
4/6/2017	0.02	
10/5/2017	0.02	
3/21/2018	0.021	
10/3/2018	0.017	
3/26/2019	0.018	
9/12/2019	0.02	
3/19/2020	0.019	
9/10/2020	0.018	
4/5/2021	0.017	
8/11/2021	0.019	
2/16/2022	0.018	
8/25/2022	0.018	
2/28/2023		0.019
8/8/2023		0.018
3/1/2024		0.019
8/6/2024		0.017

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-3	GWC-3
5/11/2010	0.0046 (J)	
6/17/2010	0.0046 (J)	
7/28/2010	0.019 (O)	
9/7/2010	0.0072 (J)	
4/29/2011	0.0052 (J)	
10/28/2011	0.0059 (J)	
5/3/2012	0.0049 (J)	
11/9/2012	0.007 (J)	
5/10/2013	0.0094 (J)	
11/6/2013	0.0059 (J)	
5/22/2014	0.0057 (J)	
11/9/2014	0.0069 (J)	
5/22/2015	0.006 (J)	
11/10/2015	0.011	
4/12/2016	0.00503 (JD)	
10/5/2016	<0.0072	
4/6/2017	0.0056	
10/5/2017	0.0061	
3/21/2018	0.0097	
10/3/2018	0.0053	
3/26/2019	0.0076	
9/10/2019	0.0078	
3/18/2020	0.0051	
9/10/2020	0.0061	
4/6/2021	0.0075	
8/12/2021	0.0087	
2/15/2022	0.0064	
8/25/2022	0.0072	
2/28/2023		0.0066
8/9/2023		0.0057
3/4/2024		0.0051
8/7/2024		0.0054

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Inrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-4	GWC-4
5/11/2010	0.0068 (J)	
6/17/2010	0.0079 (J)	
7/28/2010	0.0077 (J)	
9/8/2010	0.0077 (J)	
4/28/2011	0.0099 (J)	
10/29/2011	0.006 (J)	
5/3/2012	0.0084 (J)	
11/10/2012	0.0061 (J)	
5/10/2013	0.009 (J)	
11/6/2013	0.0089 (J)	
5/22/2014	0.0084 (J)	
11/9/2014	0.0076 (J)	
5/22/2015	0.011	
11/11/2015	0.0034 (J)	
4/12/2016	0.00654 (J)	
10/6/2016	<0.0086	
4/6/2017	0.0073	
10/6/2017	0.0087	
3/21/2018	0.0058	
10/3/2018	0.006	
3/26/2019	0.011	
9/10/2019	0.0086	
3/19/2020	0.0065	
9/10/2020	0.0068	
4/2/2021	0.0081	
8/12/2021	0.007	
2/15/2022	0.0059	
8/25/2022	0.0059	
2/27/2023		0.0056
8/8/2023		0.0056
2/29/2024		0.0049
8/7/2024		0.0038

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Inrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-5
5/11/2010	0.0038 (J)	
6/18/2010	0.0044 (J)	
7/27/2010	0.0054 (J)	
9/9/2010	0.0053 (J)	
4/29/2011	0.0039 (J)	
10/28/2011	<0.0025	
5/4/2012	<0.0025	
11/10/2012	0.0035 (J)	
5/9/2013	0.004 (J)	
11/6/2013	0.0034 (J)	
5/22/2014	0.0047 (J)	
11/9/2014	0.0067 (J)	
5/24/2015	0.0033 (J)	
11/11/2015	<0.0025	
4/19/2016	<0.0025	
10/6/2016	<0.0025	
4/6/2017	0.0018 (J)	
10/5/2017	<0.0025	
3/22/2018	0.0018 (J)	
10/3/2018	0.0018 (J)	
3/27/2019	0.002 (J)	
9/11/2019	0.0047	
3/18/2020	0.002	
9/9/2020	0.002	
4/1/2021	0.0027	
8/12/2021	0.0021	
2/15/2022	0.0026	
8/25/2022	0.0026	
2/28/2023		0.003
8/8/2023		0.0018 (J)
2/29/2024		0.0029
8/6/2024		0.0023

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Inrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-6	GWC-6
5/11/2010	0.0055	
6/18/2010	0.0071 (J)	
7/27/2010	0.0085 (J)	
9/9/2010	0.0088 (J)	
4/30/2011	0.0094 (J)	
10/29/2011	0.009 (J)	
5/4/2012	0.0084 (J)	
11/10/2012	0.0089 (J)	
5/9/2013	0.0071 (J)	
11/7/2013	0.0094 (J)	
5/21/2014	0.0082 (J)	
11/9/2014	0.013	
5/24/2015	0.009 (J)	
11/11/2015	0.0052	
4/12/2016	0.00896 (J)	
10/6/2016	<0.009	
4/6/2017	0.0089	
10/6/2017	0.011	
3/21/2018	0.0077	
10/3/2018	0.0081	
3/26/2019	0.012	
9/11/2019	0.012	
3/18/2020	0.0099	
9/10/2020	0.0094	
4/5/2021	0.0091	
8/11/2021	0.0099	
2/15/2022	0.0094	
8/25/2022	0.011	
2/27/2023		0.0097
8/8/2023		0.0094
2/29/2024		0.0093
8/7/2024		0.0091

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Inrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-7	GWC-7
5/10/2010	0.011	
6/18/2010	0.017	
7/28/2010	0.012	
9/9/2010	0.013	
4/30/2011	0.012	
10/29/2011	0.013	
5/4/2012	0.012	
11/10/2012	0.012	
5/9/2013	0.013	
11/7/2013	0.014	
5/21/2014	0.013	
11/12/2014	0.015	
5/24/2015	0.015	
11/11/2015	0.0055 (J)	
4/13/2016	0.0127 (D)	
10/6/2016	<0.012	
4/7/2017	0.013	
10/6/2017	0.015	
3/22/2018	0.012	
10/4/2018	0.012	
3/27/2019	0.013	
9/11/2019	0.015	
3/19/2020	0.014	
9/10/2020	0.014	
4/1/2021	0.014	
8/11/2021	0.013	
2/15/2022	0.013	
8/25/2022	0.014	
2/27/2023		0.014
8/8/2023		0.012
2/29/2024		0.013
8/6/2024		0.013

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-8A	GWC-8A
5/10/2010	0.013	
6/19/2010	0.0075 (J)	
7/28/2010	0.01	
9/8/2010	0.038	
4/30/2011	0.053 (O)	
10/27/2011	0.016	
5/4/2012	0.018	
11/11/2012	0.025	
5/10/2013	0.09 (O)	
11/7/2013	0.02	
5/21/2014	0.016	
11/13/2014	0.065 (O)	
5/23/2015	0.032	
11/11/2015	0.033	
4/19/2016	0.0233	
10/10/2016	0.019 (D)	
4/7/2017	0.0044	
10/9/2017	0.0047	
3/22/2018	0.0043	
10/4/2018	<0.002	
3/27/2019	0.003	
9/11/2019	0.0042	
3/18/2020	0.0031	
9/9/2020	<0.002	
4/5/2021	0.0023	
8/12/2021	<0.002	
2/15/2022	0.00079 (J)	
8/25/2022	0.0023	
2/27/2023		0.0019
8/8/2023		<0.002
2/29/2024		<0.002
8/6/2024		<0.002

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - Inrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-9	GWC-9
5/10/2010	0.0097 (J)	
6/16/2010	0.01	
7/27/2010	0.012	
9/8/2010	0.013	
4/29/2011	0.0097 (J)	
10/27/2011	0.015	
5/3/2012	0.017	
11/11/2012	0.017	
5/9/2013	0.014	
11/6/2013	0.019	
5/21/2014	0.016	
11/12/2014	0.022	
5/23/2015	0.016	
11/12/2015	0.015	
4/13/2016	0.0144 (D)	
10/6/2016	<0.02	
4/6/2017	0.016	
10/5/2017	0.024	
3/21/2018	0.018	
10/2/2018	0.021	
3/27/2019	0.019	
9/11/2019	0.025	
3/18/2020	0.012	
9/9/2020	0.022	
4/1/2021	0.0095	
8/12/2021	0.02	
2/15/2022	0.017	
8/25/2022	0.025	
2/27/2023		0.018
8/8/2023		0.019
3/1/2024		0.016
8/6/2024		0.02

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15	GWA-15
5/9/2010	<0.005	
6/18/2010	<0.005	
7/28/2010	<0.005	
9/9/2010	<0.005	
4/30/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/5/2013	<0.005	
5/20/2014	<0.005	
11/12/2014	<0.005	
5/22/2015	<0.005	
11/11/2015	<0.005	
4/6/2016	<0.005	
10/4/2016	<0.005	
4/4/2017	<0.005	
10/4/2017	<0.005	
3/20/2018	<0.005 (D)	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	0.006	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/28/2023		<0.005
8/3/2023		<0.005
3/4/2024		<0.005
8/6/2024		<0.005

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-16	GWA-16
5/9/2010	<0.005	
6/16/2010	<0.005	
7/27/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/6/2013	<0.005	
5/20/2014	<0.005	
11/8/2014	<0.005	
5/22/2015	<0.005	
11/9/2015	<0.005	
4/6/2016	<0.005	
10/4/2016	<0.005	
4/4/2017	<0.005	
10/5/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	0.0047 (J)	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/28/2023		<0.005
8/3/2023		0.0035 (J)
2/28/2024		<0.005
8/6/2024		<0.005

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17	GWA-17
5/8/2010	<0.005	
6/16/2010	<0.005	
7/26/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/6/2013	<0.005	
5/20/2014	<0.005	
11/8/2014	<0.005	
5/22/2015	<0.005	
11/9/2015	<0.005	
4/6/2016	0.00274 (J)	
10/5/2016	0.0073 (J)	
4/4/2017	<0.005	
10/5/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	0.0084	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/15/2022	<0.005	
8/24/2022	<0.005	
2/28/2023		<0.005
8/3/2023		<0.005
2/28/2024		<0.005
8/6/2024		<0.005

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-1	GWC-1
5/11/2010	<0.005	
6/17/2010	<0.005	
7/27/2010	<0.005	
9/9/2010	<0.005	
4/28/2011	<0.005	
10/29/2011	<0.005	
5/3/2012	<0.005	
11/9/2012	<0.005	
5/9/2013	<0.005	
11/5/2013	<0.005	
5/23/2014	<0.005	
11/13/2014	<0.005	
5/23/2015	<0.005	
11/11/2015	<0.005	
4/12/2016	<0.005	
10/4/2016	<0.005	
4/5/2017	<0.005	
10/4/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	0.0038 (J)	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/18/2021	<0.005	
2/15/2022	<0.005	
8/24/2022	0.0039 (J)	
2/27/2023		<0.005
8/9/2023		<0.005
3/1/2024		0.004 (J)
8/6/2024		<0.005

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-10	GWC-10
5/10/2010	<0.005	
6/16/2010	<0.005	
7/28/2010	<0.005	
9/8/2010	<0.005	
4/29/2011	<0.005	
10/27/2011	<0.005	
5/4/2012	<0.005	
11/11/2012	<0.005	
5/9/2013	<0.005	
11/5/2013	<0.005	
5/21/2014	<0.005	
11/12/2014	<0.005	
5/23/2015	<0.005	
11/12/2015	<0.005	
4/13/2016	<0.005 (D)	
10/5/2016	<0.005	
4/6/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	<0.005	
10/2/2018	<0.005	
3/27/2019	<0.005	
9/11/2019	0.004 (J)	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
10/18/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/21/2023		<0.005
8/9/2023		<0.005
3/1/2024		<0.005
8/6/2024		<0.005

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-11
5/10/2010	<0.005	
6/16/2010	<0.005	
7/27/2010	<0.005	
9/8/2010	<0.005	
4/29/2011	<0.005	
10/27/2011	<0.005	
5/4/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/20/2014	<0.005	
11/12/2014	<0.005	
5/24/2015	<0.005	
11/12/2015	<0.005	
4/13/2016	0.00241 (JD)	
10/5/2016	<0.005	
4/6/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	0.007 (J)	
10/2/2018	0.022 (O)	
3/27/2019	<0.005	
9/11/2019	0.0072	
3/18/2020	<0.005	
9/10/2020	0.018	
4/1/2021	0.0034 (J)	
8/11/2021	<0.005	
2/16/2022	0.0034 (J)	
8/25/2022	<0.005	
2/27/2023		<0.005
8/9/2023		<0.005
2/29/2024		0.0036 (J)
8/6/2024		0.0033 (J)

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-12	GWC-12
5/9/2010	<0.005	
6/18/2010	<0.005	
7/27/2010	<0.005	
9/8/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/3/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/20/2014	<0.005	
11/12/2014	<0.005	
5/23/2015	<0.005	
11/12/2015	<0.005	
4/13/2016	0.00409 (JD)	
10/5/2016	<0.005	
4/5/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	<0.005 (D)	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/11/2019	0.0065	
3/18/2020	0.005	
9/10/2020	0.0037 (J)	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/16/2022	0.0032 (J)	
8/26/2022	<0.005	
2/27/2023		<0.005
8/9/2023		<0.005
2/29/2024		<0.005
8/6/2024		0.0028 (J)

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-13	GWC-13
5/9/2010	<0.005	
6/18/2010	<0.005	
7/29/2010	<0.005	
9/9/2010	<0.005	
4/26/2011	<0.005	
10/28/2011	<0.005	
5/4/2012	<0.005	
11/11/2012	<0.005	
5/8/2013	<0.005	
11/7/2013	<0.005	
5/20/2014	<0.005	
11/12/2014	<0.005	
5/24/2015	<0.005	
11/12/2015	<0.005	
4/13/2016	0.00289 (JD)	
10/7/2016	<0.005	
4/6/2017	<0.005	
10/6/2017	0.0071 (J)	
3/22/2018	<0.005	
10/3/2018	<0.005	
3/26/2019	<0.005	
9/11/2019	0.0085	
3/18/2020	0.0052	
9/10/2020	0.0038 (J)	
4/6/2021	0.004 (J)	
8/11/2021	<0.005	
2/16/2022	0.004 (J)	
8/26/2022	<0.005	
2/27/2023		<0.005
8/9/2023		0.0031 (J)
3/1/2024		<0.005
8/6/2024		0.003 (J)

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-14	GWC-14
5/9/2010	<0.005	
6/18/2010	<0.005	
7/28/2010	<0.005	
9/9/2010	<0.005	
4/30/2011	<0.005	
10/28/2011	<0.005	
5/3/2012	<0.005	
11/10/2012	<0.005	
5/8/2013	<0.005	
11/5/2013	<0.005	
5/20/2014	<0.005	
11/12/2014	<0.005	
5/24/2015	<0.005	
11/11/2015	<0.005	
4/13/2016	<0.005 (D)	
10/4/2016	<0.005	
4/6/2017	<0.005	
10/5/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/11/2019	0.0038 (J)	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/16/2022	<0.005	
8/26/2022	<0.005	
2/27/2023		<0.005
8/9/2023		<0.005
3/1/2024		0.024
5/7/2024		<0.005 (R)
8/8/2024		<0.005

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-18	GWC-18
5/10/2010	<0.005	
6/16/2010	<0.005	
7/26/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/6/2013	<0.005	
5/23/2014	<0.005	
11/8/2014	<0.005	
5/22/2015	<0.005	
11/10/2015	<0.005	
4/11/2016	<0.005	
10/5/2016	<0.005	
4/6/2017	<0.005	
10/5/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/11/2019	0.0077	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/16/2022	<0.005	
8/25/2022	<0.005	
2/28/2023		<0.005
8/9/2023		<0.005
2/29/2024		0.0032 (J)
8/6/2024		<0.005

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-19
5/11/2010	<0.005	
6/16/2010	<0.005	
7/27/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/22/2014	<0.005	
11/8/2014	<0.005	
5/23/2015	<0.005	
11/10/2015	<0.005	
4/11/2016	<0.005	
10/5/2016	0.0085 (O)	
4/5/2017	<0.005	
10/5/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/12/2019	0.0059	
3/19/2020	<0.005	
9/9/2020	<0.005	
4/5/2021	<0.005	
8/11/2021	<0.005	
2/16/2022	<0.005	
8/25/2022	<0.005	
2/28/2023		<0.005
8/8/2023		<0.005
2/29/2024		<0.005
8/6/2024		<0.005

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-2	GWC-2
5/11/2010	<0.005	
6/19/2010	<0.005	
7/27/2010	<0.005	
9/9/2010	<0.005	
4/28/2011	<0.005	
10/28/2011	<0.005	
5/3/2012	<0.005	
11/9/2012	<0.005	
5/9/2013	<0.005	
11/5/2013	<0.005	
5/22/2014	<0.005	
11/13/2014	<0.005	
5/24/2015	<0.005	
11/11/2015	<0.005	
4/12/2016	<0.005	
10/4/2016	<0.005	
4/6/2017	<0.005	
10/4/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	0.004 (J)	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	0.01	
8/12/2021	<0.005	
2/15/2022	<0.005	
8/26/2022	<0.005	
2/27/2023		<0.005
8/9/2023		0.0046 (J)
3/1/2024		<0.005
8/6/2024		<0.005

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-20	GWC-20
5/11/2010	<0.005	
6/17/2010	<0.005	
7/27/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/3/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/22/2014	<0.005	
11/9/2014	<0.005	
5/24/2015	<0.005	
11/10/2015	<0.005	
4/12/2016	<0.005	
10/5/2016	<0.005	
4/6/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	<0.005	
10/3/2018	<0.005	
3/26/2019	<0.005	
9/12/2019	0.0065	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/5/2021	<0.005	
8/11/2021	<0.005	
2/16/2022	<0.005	
8/25/2022	0.0063	
2/28/2023		<0.005
8/8/2023		<0.005
3/1/2024		<0.005
8/6/2024		<0.005

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-3	GWC-3
5/11/2010	0.018 (O)	
6/17/2010	<0.005	
7/28/2010	0.016 (O)	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/3/2012	<0.005	
11/9/2012	<0.005	
5/10/2013	<0.005	
11/6/2013	<0.005	
5/22/2014	<0.005	
11/9/2014	<0.005	
5/22/2015	<0.005	
11/10/2015	<0.005	
4/12/2016	<0.005 (D)	
10/5/2016	0.01 (O)	
4/6/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	<0.005	
10/3/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	0.0069	
3/18/2020	<0.005	
9/10/2020	<0.005	
4/6/2021	<0.005	
8/12/2021	0.0035 (J)	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/28/2023		<0.005
8/9/2023		<0.005
3/4/2024		<0.005
8/7/2024		0.0028 (J)

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-4	GWC-4
5/11/2010	<0.005	
6/17/2010	<0.005	
7/28/2010	<0.005	
9/8/2010	<0.005	
4/28/2011	<0.005	
10/29/2011	<0.005	
5/3/2012	<0.005	
11/10/2012	<0.005	
5/10/2013	<0.005	
11/6/2013	<0.005	
5/22/2014	<0.005	
11/9/2014	<0.005	
5/22/2015	<0.005	
11/11/2015	<0.005	
4/12/2016	0.00203 (J)	
10/6/2016	<0.005	
4/6/2017	<0.005	
10/6/2017	<0.005	
3/21/2018	<0.005	
10/3/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	0.006	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/2/2021	<0.005	
8/12/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/27/2023		<0.005
8/8/2023		<0.005
2/29/2024		<0.005
8/7/2024		<0.005

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-5
5/11/2010	<0.005	
6/18/2010	<0.005	
7/27/2010	<0.005	
9/9/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/4/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/22/2014	<0.005	
11/9/2014	<0.005	
5/24/2015	<0.005	
11/11/2015	0.0089 (J)	
4/19/2016	0.0133 (O)	
10/6/2016	<0.005	
4/6/2017	0.0087 (J)	
10/5/2017	0.0078 (J)	
3/22/2018	0.0086 (J)	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/11/2019	0.0074	
3/18/2020	0.0045 (J)	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/12/2021	0.0034 (J)	
2/15/2022	0.0034 (J)	
8/25/2022	<0.005	
2/28/2023		<0.005
8/8/2023		<0.005
2/29/2024		<0.005
8/6/2024		<0.005

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-6	GWC-6
5/11/2010	<0.005	
6/18/2010	<0.005	
7/27/2010	<0.005	
9/9/2010	<0.005	
4/30/2011	<0.005	
10/29/2011	<0.005	
5/4/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/7/2013	<0.005	
5/21/2014	<0.005	
11/9/2014	<0.005	
5/24/2015	<0.005	
11/11/2015	<0.005	
4/12/2016	<0.005	
10/6/2016	<0.005	
4/6/2017	<0.005	
10/6/2017	<0.005	
3/21/2018	<0.005	
10/3/2018	<0.005	
3/26/2019	<0.005	
9/11/2019	0.0062	
3/18/2020	<0.005	
9/10/2020	<0.005	
4/5/2021	<0.005	
8/11/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/27/2023		<0.005
8/8/2023		<0.005
2/29/2024		<0.005
8/7/2024		<0.005

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-7	GWC-7
5/10/2010	<0.005	
6/18/2010	<0.005	
7/28/2010	<0.005	
9/9/2010	<0.005	
4/30/2011	<0.005	
10/29/2011	<0.005	
5/4/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/7/2013	<0.005	
5/21/2014	<0.005	
11/12/2014	<0.005	
5/24/2015	<0.005	
11/11/2015	<0.005	
4/13/2016	<0.005 (D)	
10/6/2016	<0.005	
4/7/2017	<0.005	
10/6/2017	<0.005	
3/22/2018	<0.005	
10/4/2018	<0.005	
3/27/2019	<0.005	
9/11/2019	0.0074	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/15/2022	0.0037 (J)	
8/25/2022	<0.005	
2/27/2023		<0.005
8/8/2023		<0.005
2/29/2024		<0.005
8/6/2024		<0.005

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-8A	GWC-8A
5/10/2010	<0.005	
6/19/2010	0.0081 (J)	
7/28/2010	0.017 (J)	
9/8/2010	0.085	
4/30/2011	0.13 (O)	
10/27/2011	0.03	
5/4/2012	0.029	
11/11/2012	0.046	
5/10/2013	0.23 (O)	
11/7/2013	0.028	
5/21/2014	0.015 (J)	
11/13/2014	0.13 (O)	
5/23/2015	0.059	
11/11/2015	0.079	
4/19/2016	0.0218	
10/10/2016	0.013 (J)	
4/7/2017	<0.005	
10/9/2017	<0.005	
3/22/2018	<0.005	
10/4/2018	<0.005	
3/27/2019	<0.005	
9/11/2019	0.0052	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/5/2021	<0.005	
8/12/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/27/2023		0.016
8/8/2023		<0.005
2/29/2024		<0.005
8/6/2024		<0.005

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 9/16/2024 12:04 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-9	GWC-9
5/10/2010	<0.005	
6/16/2010	<0.005	
7/27/2010	<0.005	
9/8/2010	<0.005	
4/29/2011	<0.005	
10/27/2011	<0.005	
5/3/2012	<0.005	
11/11/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/21/2014	<0.005	
11/12/2014	<0.005	
5/23/2015	<0.005	
11/12/2015	<0.005	
4/13/2016	<0.005 (D)	
10/6/2016	<0.005	
4/6/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	<0.005	
10/2/2018	<0.005	
3/27/2019	<0.005	
9/11/2019	0.0037 (J)	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/12/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/27/2023		<0.005
8/8/2023		<0.005
3/1/2024		<0.005
8/6/2024		<0.005

FIGURE E.

Appendix III Intrawell Prediction Limits - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 9/16/2024, 3:59 PM

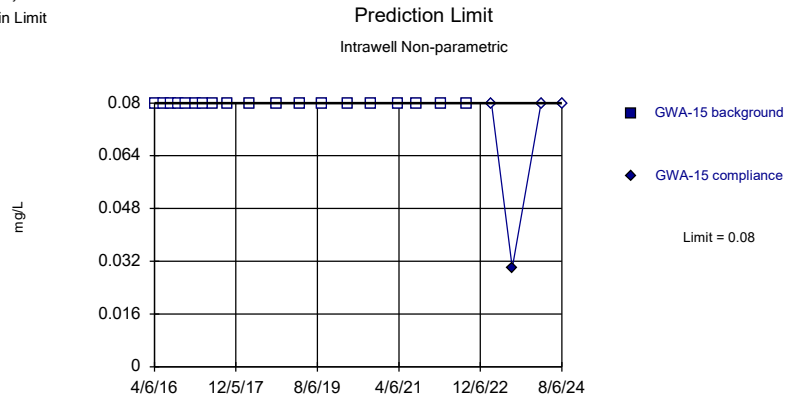
Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	GWC-4	0.08	n/a	8/7/2024	0.13	Yes	19	n/a	n/a	100	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-6	0.08	n/a	8/7/2024	0.085	Yes	19	n/a	n/a	89.47	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Calcium (mg/L)	GWA-16	14.22	n/a	8/6/2024	15	Yes	19	11.57	1.07	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-14	7.642	n/a	8/8/2024	8.3	Yes	19	6.478	0.4694	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-19	15.99	n/a	8/6/2024	20	Yes	15	11.46	1.718	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-20	15.76	n/a	8/6/2024	17	Yes	19	184.5	25.79	0	None	x^2	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-4	17.6	n/a	8/7/2024	29	Yes	19	13	1.856	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-7	16	n/a	8/6/2024	17	Yes	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality) 1 of 2
Calcium (mg/L)	GWC-9	21	n/a	8/6/2024	22	Yes	20	n/a	n/a	0	n/a	n/a	0.004291	NP Intra (normality) 1 of 2
Chloride (mg/L)	GWC-10	5	n/a	8/6/2024	5.2	Yes	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality) 1 of 2
Chloride (mg/L)	GWC-14	3.819	n/a	8/8/2024	4.4	Yes	19	3.022	0.3219	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-4	16.42	n/a	8/7/2024	19	Yes	19	8.083	3.363	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-7	3	n/a	8/6/2024	4.9	Yes	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality) 1 of 2
Chloride (mg/L)	GWC-9	4.596	n/a	8/6/2024	5.2	Yes	19	3.639	0.3861	0	None	No	0.0004426	Param Intra 1 of 2
Sulfate (mg/L)	GWC-10	1.311	n/a	8/6/2024	4.4	Yes	11	0.5825	0.386	27.27	Kaplan-Meier	x^2	0.0004426	Param Intra 1 of 2
Sulfate (mg/L)	GWC-3	1.1	n/a	8/7/2024	15	Yes	19	n/a	n/a	57.89	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-4	6.288	n/a	8/7/2024	73	Yes	15	2.937	1.27	0	None	No	0.0004426	Param Intra 1 of 2
Sulfate (mg/L)	GWC-7	1	n/a	8/6/2024	1.4	Yes	19	n/a	n/a	78.95	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-9	18.9	n/a	8/6/2024	22	Yes	19	3.156	0.4807	0	None	sqrt(x)	0.0004426	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-4	178.1	n/a	8/7/2024	250	Yes	19	123.4	22.1	0	None	No	0.0004426	Param Intra 1 of 2

Appendix III Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 9/16/2024, 3:59 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	GWA-15	0.08	n/a	8/6/2024	0.08ND	No	19	n/a	n/a	100	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-17	0.08	n/a	8/6/2024	0.08ND	No	19	n/a	n/a	94.74	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-1	0.08	n/a	8/6/2024	0.08ND	No	19	n/a	n/a	94.74	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-10	0.11	n/a	8/6/2024	0.08ND	No	20	n/a	n/a	90	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-12	0.08	n/a	8/6/2024	0.08ND	No	19	n/a	n/a	100	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-13	0.08	n/a	8/6/2024	0.08ND	No	19	n/a	n/a	94.74	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-2	0.08	n/a	8/6/2024	0.08ND	No	19	n/a	n/a	100	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-20	0.12	n/a	8/6/2024	0.08ND	No	20	n/a	n/a	95	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-3	0.08	n/a	8/7/2024	0.08ND	No	19	n/a	n/a	94.74	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-4	0.08	n/a	8/7/2024	0.13	Yes	19	n/a	n/a	100	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-5	0.4324	n/a	8/6/2024	0.14	No	8	0.2425	0.05471	0	None	No	0.0004426	Param Intra 1 of 2
Boron (mg/L)	GWC-6	0.08	n/a	8/7/2024	0.085	Yes	19	n/a	n/a	89.47	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-7	0.08	n/a	8/6/2024	0.08ND	No	19	n/a	n/a	94.74	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-8A	0.3066	n/a	8/6/2024	0.19	No	18	0.1836	0.04898	0	None	No	0.0004426	Param Intra 1 of 2
Boron (mg/L)	GWC-9	0.1361	n/a	8/6/2024	0.12	No	19	0.08772	0.01951	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWA-15	5.375	n/a	8/6/2024	4.2	No	19	4.201	0.4735	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWA-16	14.22	n/a	8/6/2024	15	Yes	19	11.57	1.07	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWA-17	9.115	n/a	8/6/2024	9	No	19	6.878	0.9026	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-1	20.21	n/a	8/6/2024	18	No	19	17.15	1.234	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-10	21.73	n/a	8/6/2024	19	No	19	17.16	1.845	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-11	14.93	n/a	8/6/2024	13	No	19	12.76	0.8783	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-12	1.519	n/a	8/6/2024	1.1	No	19	1.042	0.07706	0	None	sqrt(x)	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-13	8.877	n/a	8/6/2024	7.4	No	19	1.874	0.0794	0	None	x^(1/3)	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-14	7.642	n/a	8/8/2024	8.3	Yes	19	6.478	0.4694	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-18	11.6	n/a	8/6/2024	11	No	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality) 1 of 2
Calcium (mg/L)	GWC-19	15.99	n/a	8/6/2024	20	Yes	15	11.46	1.718	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-2	20.12	n/a	8/6/2024	19	No	19	17.25	1.158	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-20	15.76	n/a	8/6/2024	17	Yes	19	184.5	25.79	0	None	x^2	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-3	10.81	n/a	8/7/2024	10	No	19	7.627	1.286	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-4	17.6	n/a	8/7/2024	29	Yes	19	13	1.856	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-5	170	n/a	8/6/2024	30	No	10	7.514	1.807	0	None	sqrt(x)	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-6	19.5	n/a	8/7/2024	16	No	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality) 1 of 2
Calcium (mg/L)	GWC-7	16	n/a	8/6/2024	17	Yes	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality) 1 of 2
Calcium (mg/L)	GWC-8A	45.47	n/a	8/6/2024	36	No	10	25.9	6.402	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-9	21	n/a	8/6/2024	22	Yes	20	n/a	n/a	0	n/a	n/a	0.004291	NP Intra (normality) 1 of 2
Chloride (mg/L)	GWA-15	7.2	n/a	8/6/2024	6	No	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality) 1 of 2
Chloride (mg/L)	GWA-16	2.057	n/a	8/6/2024	1.7	No	19	1.286	0.05984	0	None	sqrt(x)	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWA-17	2.018	n/a	8/6/2024	1.4	No	19	1.536	0.1945	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-1	4.687	n/a	8/6/2024	3.5	No	19	3.864	0.3318	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-10	5	n/a	8/6/2024	5.2	Yes	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality) 1 of 2
Chloride (mg/L)	GWC-11	2.071	n/a	8/6/2024	1.9	No	19	1.778	0.1181	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-12	2.153	n/a	8/6/2024	2	No	19	1.331	0.0551	0	None	sqrt(x)	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-13	1.945	n/a	8/6/2024	1.5	No	19	1.559	0.1557	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-14	3.819	n/a	8/8/2024	4.4	Yes	19	3.022	0.3219	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-18	3.018	n/a	8/6/2024	2.8	No	19	2.575	0.1785	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-19	2.8	n/a	8/6/2024	2.8	No	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality) 1 of 2
Chloride (mg/L)	GWC-2	2.7	n/a	8/6/2024	2.2	No	19	2.165	0.2156	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-20	2.33	n/a	8/6/2024	2.3	No	19	15.49	5.649	5.263	None	x^4	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-3	3.909	n/a	8/7/2024	2.7	No	19	3.144	0.3088	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-4	16.42	n/a	8/7/2024	19	Yes	19	8.083	3.363	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-5	66.16	n/a	8/6/2024	8.1	No	9	23.74	12.99	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-6	8.555	n/a	8/7/2024	5.9	No	18	6.078	0.9867	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-7	3	n/a	8/6/2024	4.9	Yes	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality) 1 of 2
Chloride (mg/L)	GWC-8A	10.75	n/a	8/6/2024	6.8	No	18	1.972	0.09371	0	None	x^(1/3)	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-9	4.596	n/a	8/6/2024	5.2	Yes	19	3.639	0.3861	0	None	No	0.0004426	Param Intra 1 of 2
Fluoride (mg/L)	GWA-15	0.1	n/a	8/6/2024	0.1ND	No	19	n/a	n/a	78.95	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-16	0.1	n/a	8/6/2024	0.1ND	No	19	n/a	n/a	52.63	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-17	0.1	n/a	8/6/2024	0.1ND	No	19	n/a	n/a	52.63	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-1	0.1241	n/a	8/6/2024	0.079J	No	20	0.07823	0.01874	25	Kaplan-Meier	No	0.0004426	Param Intra 1 of 2
Fluoride (mg/L)	GWC-10	0.1	n/a	8/6/2024	0.064J	No	19	n/a	n/a	47.37	n/a	n/a	0.004832	NP Intra (normality) 1 of 2
Fluoride (mg/L)	GWC-11	0.1	n/a	8/6/2024	0.1ND	No	19	n/a	n/a	52.63	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-12	0.1	n/a	8/6/2024	0.1ND	No	19	n/a	n/a	68.42	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-13	0.1	n/a	8/6/2024	0.1ND	No	19	n/a	n/a	57.89	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-14	0.1	n/a	8/8/2024	0.1ND	No	19	n/a	n/a	68.42	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-18	0.1	n/a	8/6/2024	0.1ND	No	19	n/a	n/a	57.89	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-19	0.1	n/a	8/6/2024	0.1ND	No	19	n/a	n/a	57.89	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-2	0.1	n/a	8/6/2024	0.049J	No	19	n/a	n/a	52.63	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-20	0.1	n/a	8/6/2024	0.1ND	No	19	n/a	n/a	63.16	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2

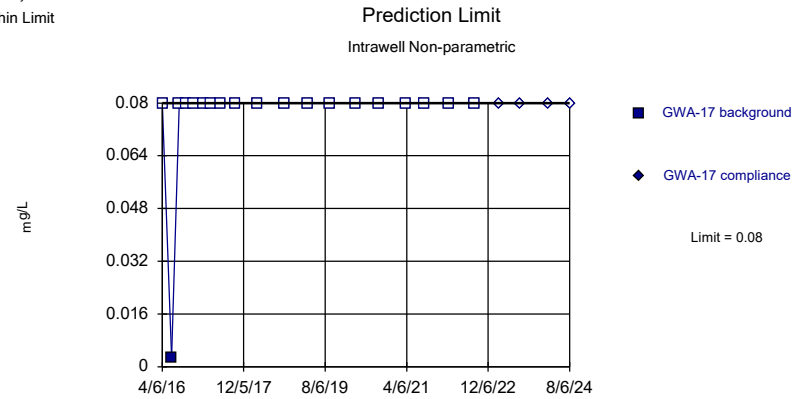
Sanitas™ v.10.0.22 . UG
 Hollow symbols indicate censored values.
 Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 19) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Boron Analysis Run 9/16/2024 3:39 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

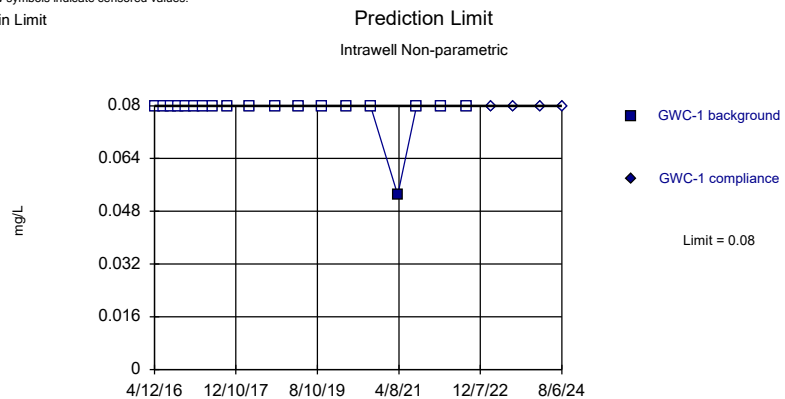
Sanitas™ v.10.0.22 . UG
 Hollow symbols indicate censored values.
 Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 94.74% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Boron Analysis Run 9/16/2024 3:39 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

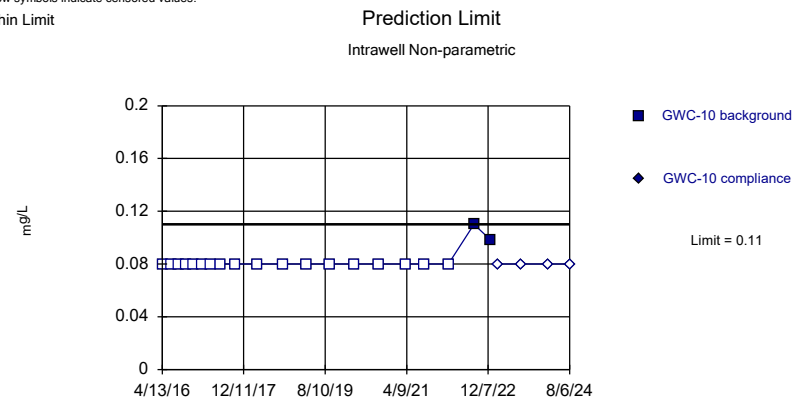
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 Hollow symbols indicate censored values.
 Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 94.74% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Boron Analysis Run 9/16/2024 3:39 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

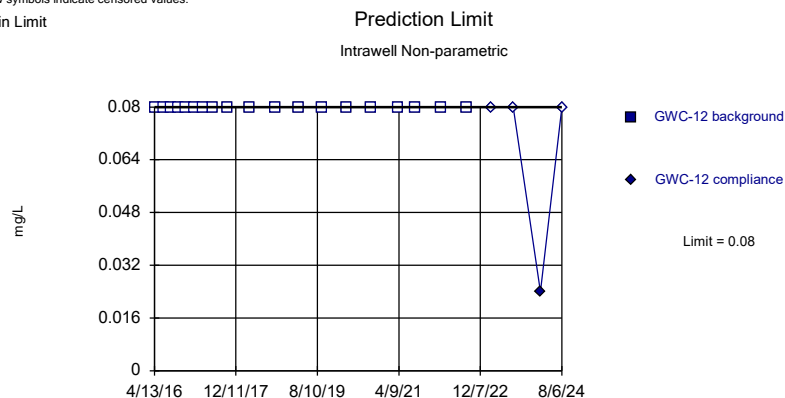
Sanitas™ v.10.0.22 . UG
 Hollow symbols indicate censored values.
 Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 90% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Boron Analysis Run 9/16/2024 3:39 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

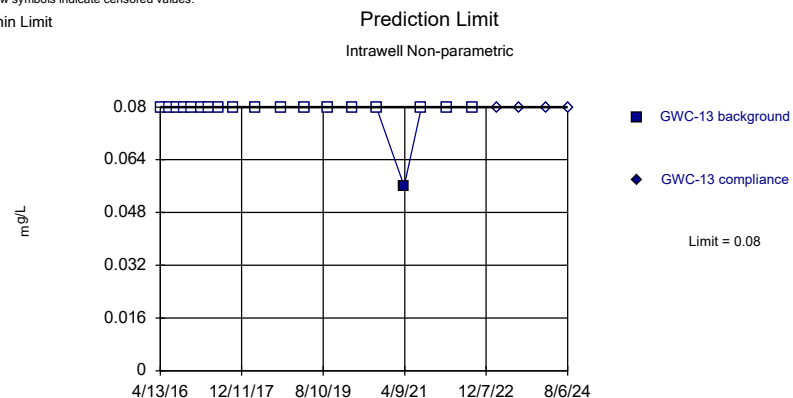
Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 19) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Boron Analysis Run 9/16/2024 3:39 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

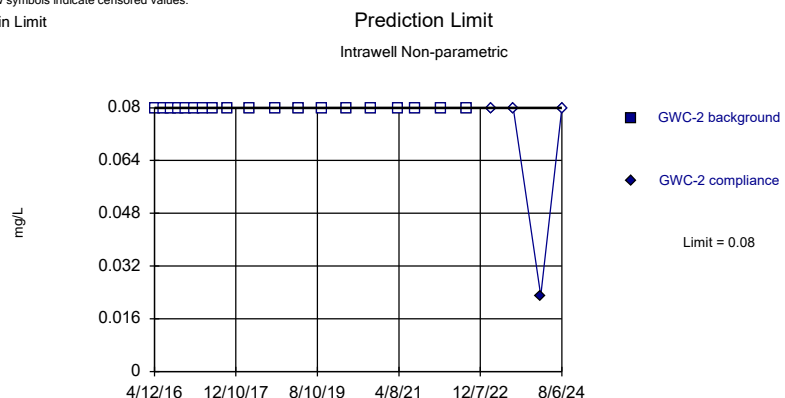
Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 94.74% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Boron Analysis Run 9/16/2024 3:39 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

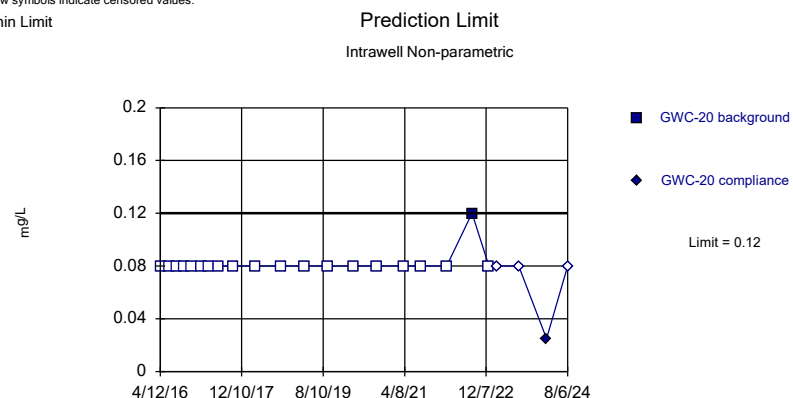
Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 19) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Boron Analysis Run 9/16/2024 3:39 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

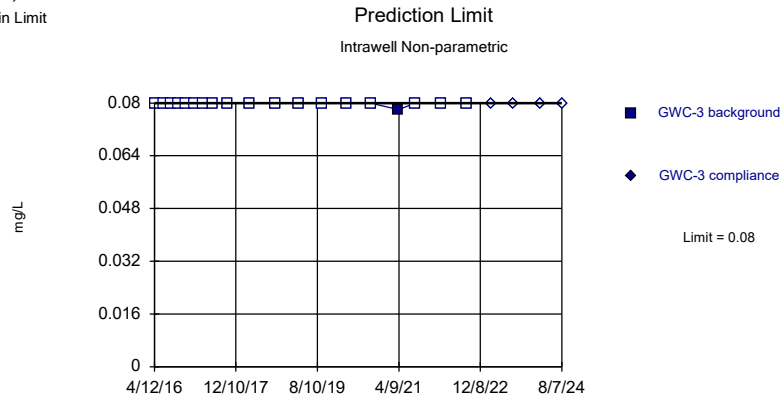
Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 95% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Boron Analysis Run 9/16/2024 3:39 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

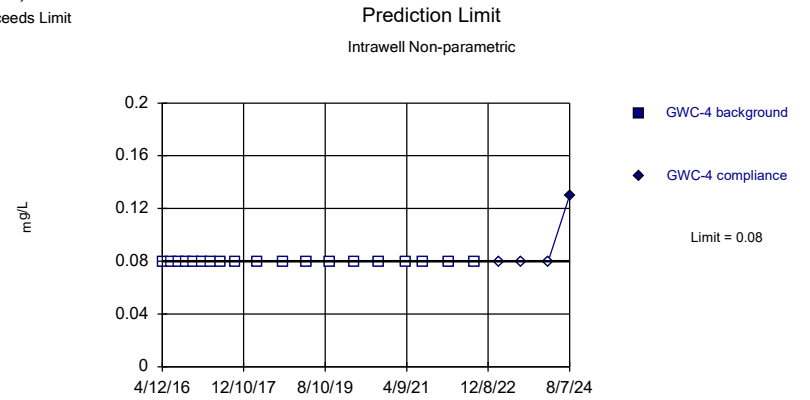
Sanitas™ v.10.0.22 . UG
 Hollow symbols indicate censored values.
 Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 94.74% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Boron Analysis Run 9/16/2024 3:39 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

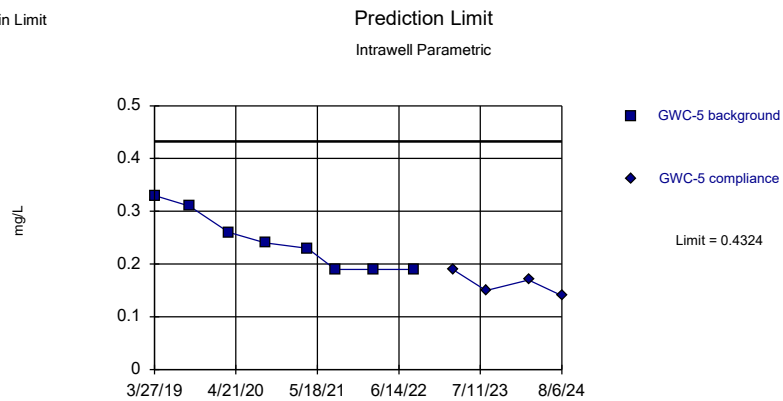
Sanitas™ v.10.0.22 . UG
 Hollow symbols indicate censored values.
 Exceeds Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 19) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Boron Analysis Run 9/16/2024 3:39 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

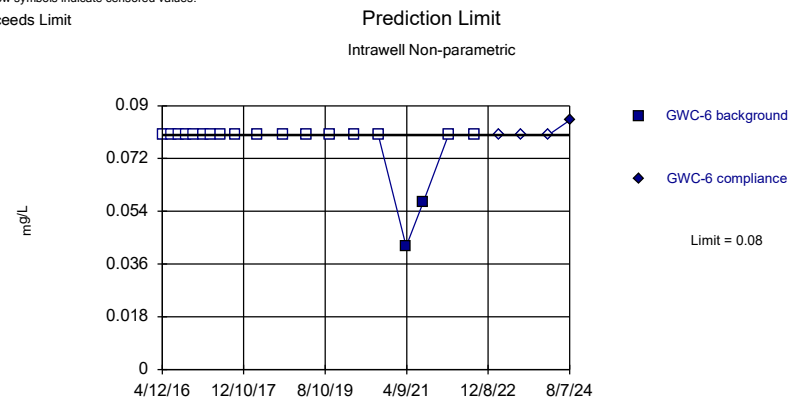
Sanitas™ v.10.0.22 . UG
 Within Limit



Background Data Summary: Mean=0.2425, Std. Dev.=0.05471, n=8. Normality test: Shapiro Wilk @alpha = 0.1, calculated = 0.8758, critical = 0.851. Kappa = 3.472 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Boron Analysis Run 9/16/2024 3:39 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
 Hollow symbols indicate censored values.
 Exceeds Limit

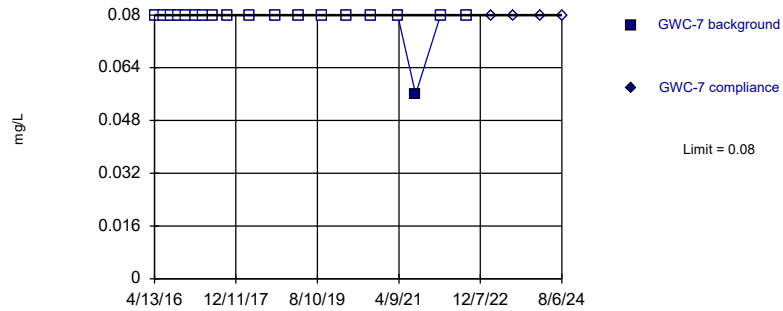


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 89.47% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Boron Analysis Run 9/16/2024 3:39 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

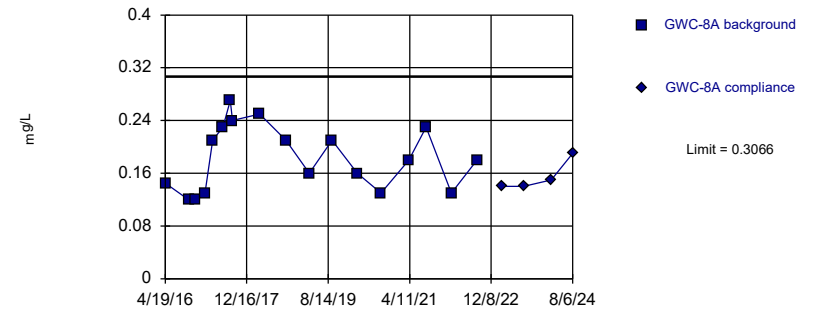


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 94.74% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Boron Analysis Run 9/16/2024 3:39 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

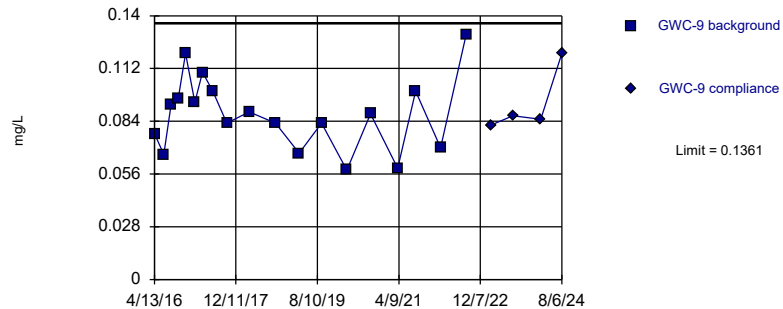


Background Data Summary: Mean=0.1836, Std. Dev.=0.04898, n=18. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.925, critical = 0.897. Kappa = 2.511 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Boron Analysis Run 9/16/2024 3:39 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

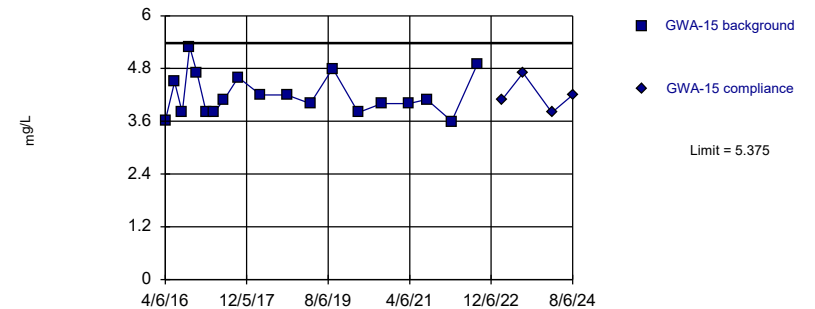


Background Data Summary: Mean=0.08772, Std. Dev.=0.01951, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9681, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Boron Analysis Run 9/16/2024 3:40 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

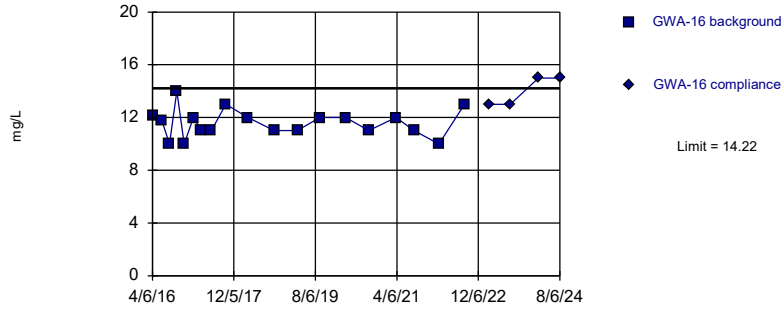


Background Data Summary: Mean=4.201, Std. Dev.=0.4735, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9196, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 9/16/2024 3:40 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Exceeds Limit

Prediction Limit Intrawell Parametric

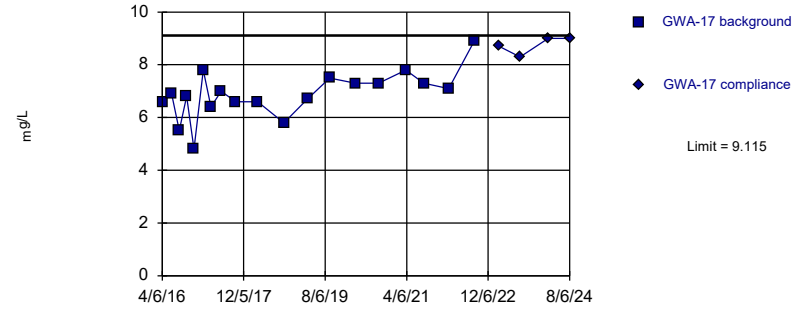


Background Data Summary: Mean=11.57, Std. Dev.=1.07, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9244, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 9/16/2024 3:40 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Parametric

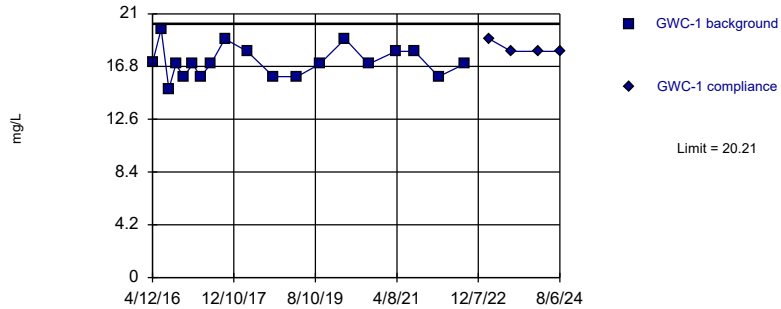


Background Data Summary: Mean=6.878, Std. Dev.=0.9026, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9622, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 9/16/2024 3:40 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Parametric

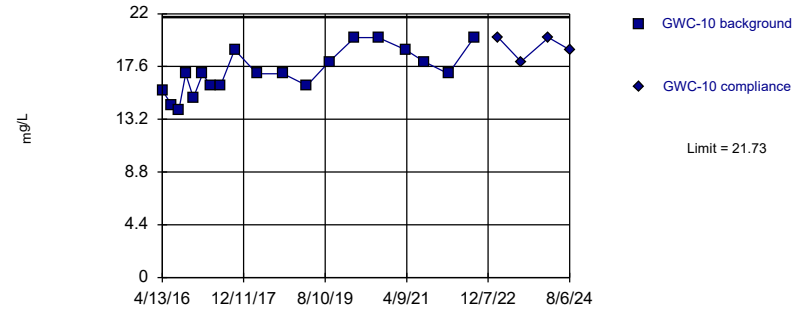


Background Data Summary: Mean=17.15, Std. Dev.=1.234, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9302, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 9/16/2024 3:40 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Parametric

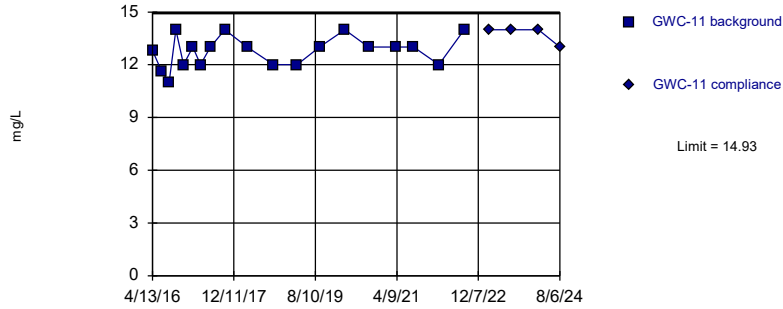


Background Data Summary: Mean=17.16, Std. Dev.=1.845, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9451, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 9/16/2024 3:40 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

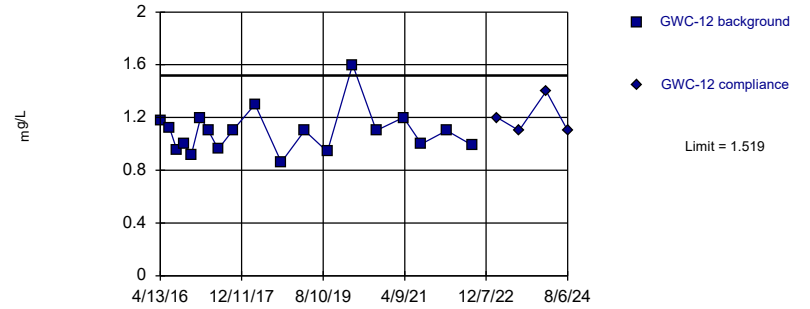


Background Data Summary: Mean=12.76, Std. Dev.=0.8783, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9018, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 9/16/2024 3:40 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

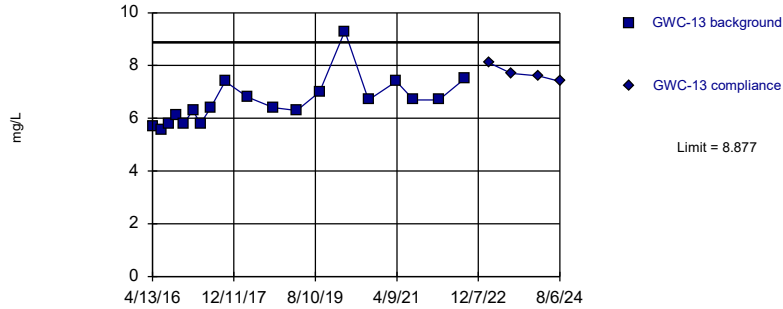


Background Data Summary (based on square root transformation): Mean=1.042, Std. Dev.=0.07706, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9047, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 9/16/2024 3:40 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

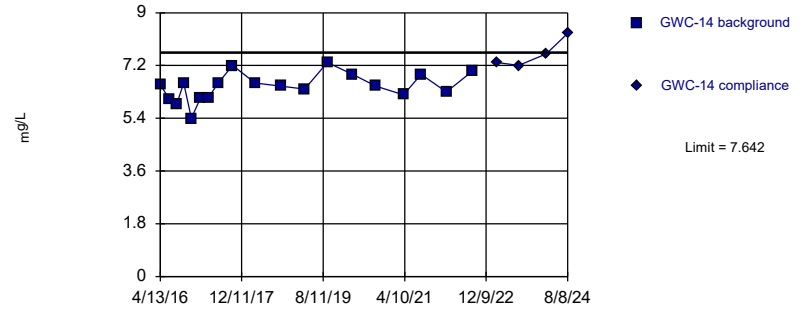


Background Data Summary (based on cube root transformation): Mean=1.874, Std. Dev.=0.0794, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9021, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 9/16/2024 3:40 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Exceeds Limit

Prediction Limit
Intrawell Parametric

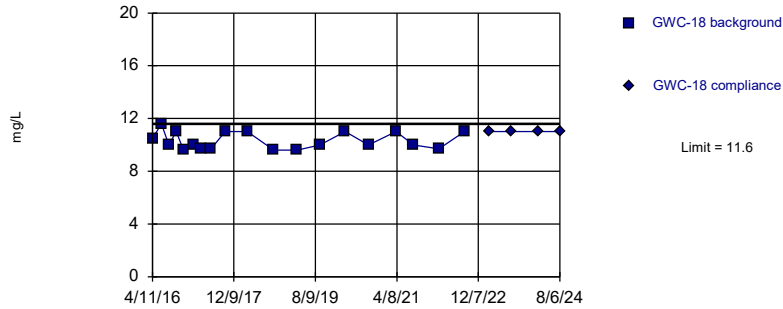


Background Data Summary: Mean=6.478, Std. Dev.=0.4694, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9768, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 9/16/2024 3:40 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

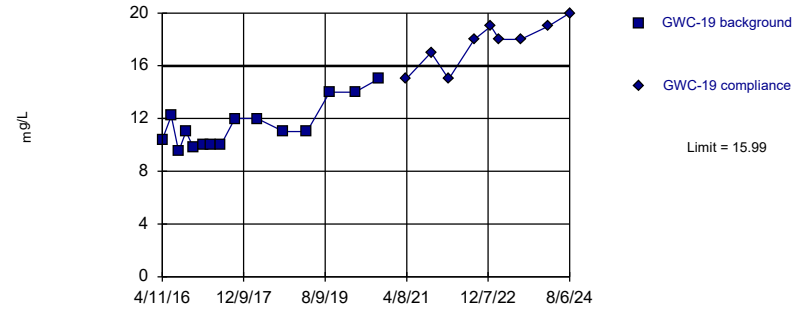


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.05 alpha level. Limit is highest of 19 background values. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Calcium Analysis Run 9/16/2024 3:40 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Exceeds Limit

Prediction Limit Intrawell Parametric

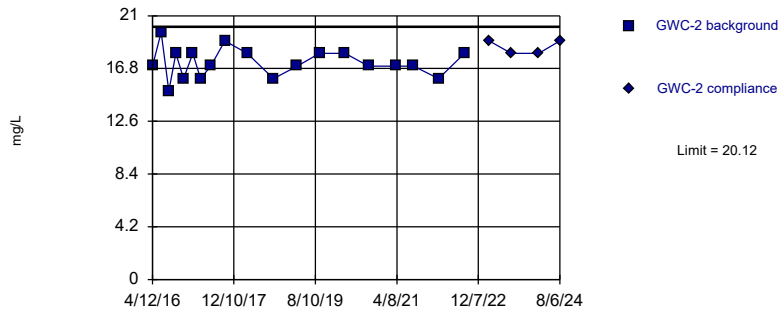


Background Data Summary: Mean=11.46, Std. Dev.=1.718, n=15. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.884, critical = 0.881. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 9/16/2024 3:40 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Parametric

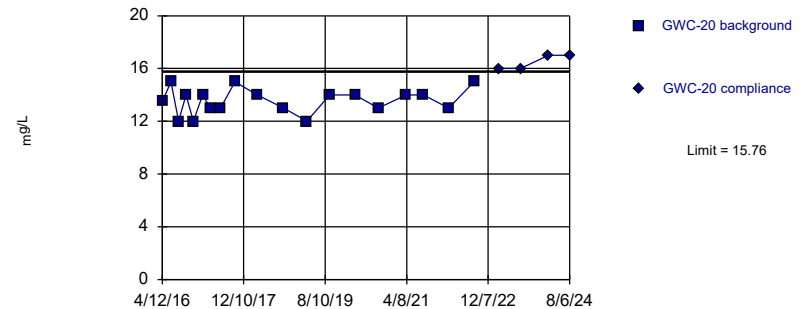


Background Data Summary: Mean=17.25, Std. Dev.=1.158, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9403, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 9/16/2024 3:40 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Exceeds Limit

Prediction Limit Intrawell Parametric

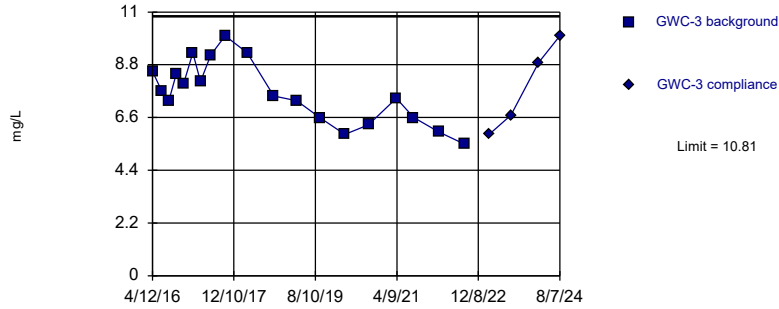


Background Data Summary (based on square transformation): Mean=184.5, Std. Dev.=25.79, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9012, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 9/16/2024 3:40 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Parametric

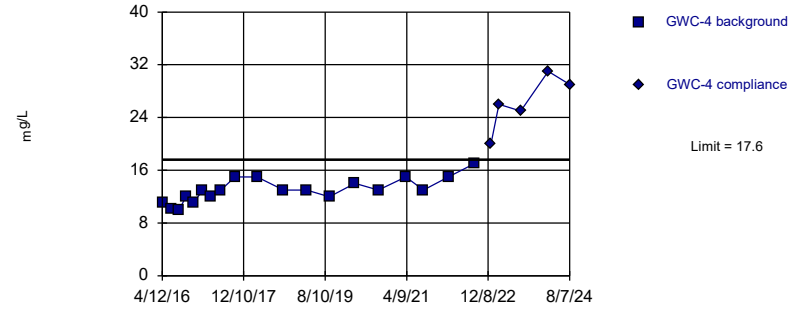


Background Data Summary: Mean=7.627, Std. Dev.=1.286, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9704, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 9/16/2024 3:40 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Exceeds Limit

Prediction Limit Intrawell Parametric

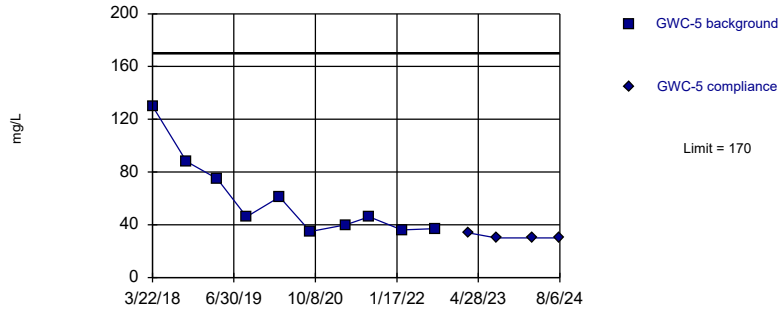


Background Data Summary: Mean=13, Std. Dev.=1.856, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9523, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 9/16/2024 3:40 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Parametric

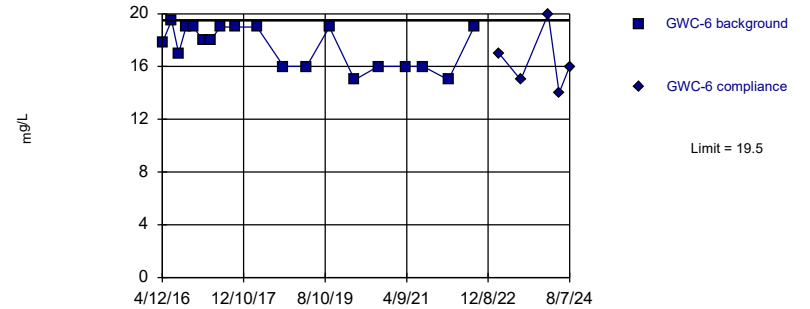


Background Data Summary (based on square root transformation): Mean=7.514, Std. Dev.=1.807, n=10. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.849, critical = 0.842. Kappa = 3.058 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 9/16/2024 3:40 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

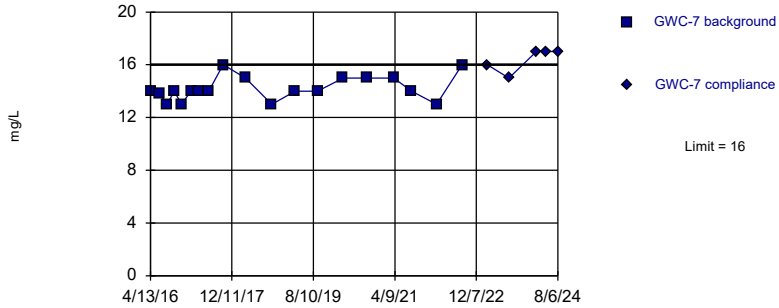


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.05 alpha level. Limit is highest of 19 background values. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Calcium Analysis Run 9/16/2024 3:40 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Exceeds Limit

Prediction Limit Intrawell Non-parametric

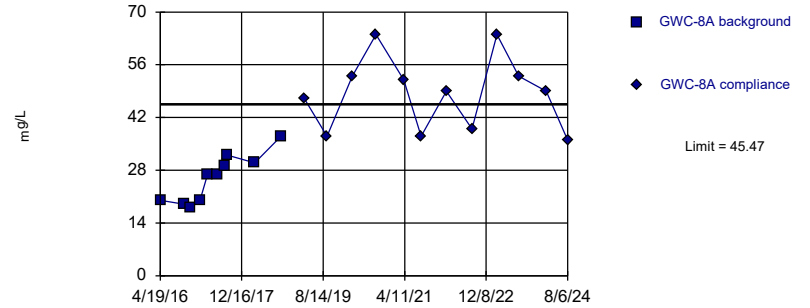


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.05 alpha level. Limit is highest of 19 background values. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Calcium Analysis Run 9/16/2024 3:40 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Parametric

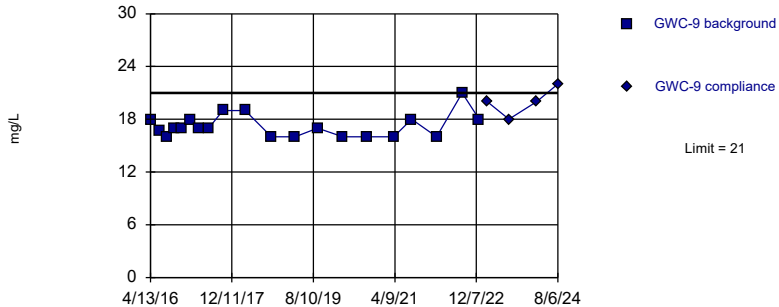


Background Data Summary: Mean=25.9, Std. Dev.=6.402, n=10. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9203, critical = 0.842. Kappa = 3.058 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 9/16/2024 3:40 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Exceeds Limit

Prediction Limit Intrawell Non-parametric

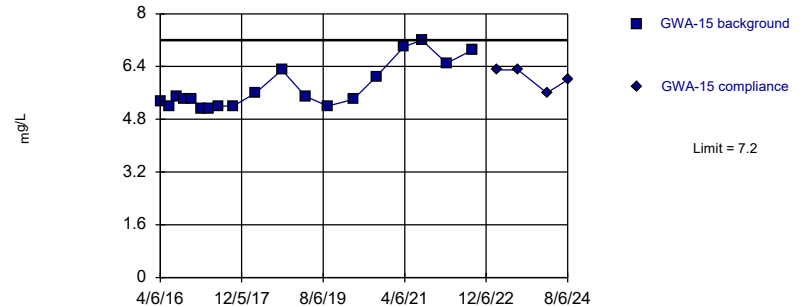


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 20 background values. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Calcium Analysis Run 9/16/2024 3:40 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

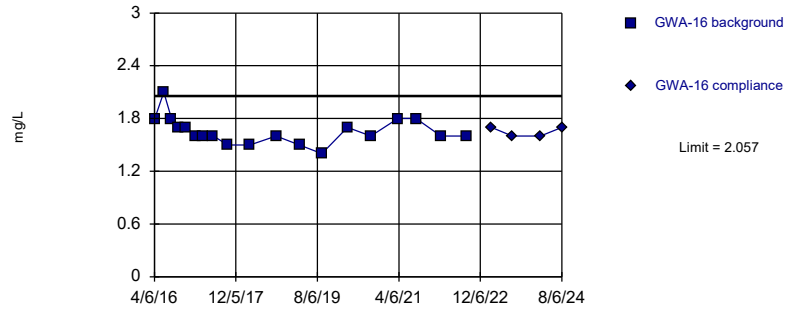
Prediction Limit Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.05 alpha level. Limit is highest of 19 background values. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Chloride Analysis Run 9/16/2024 3:40 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

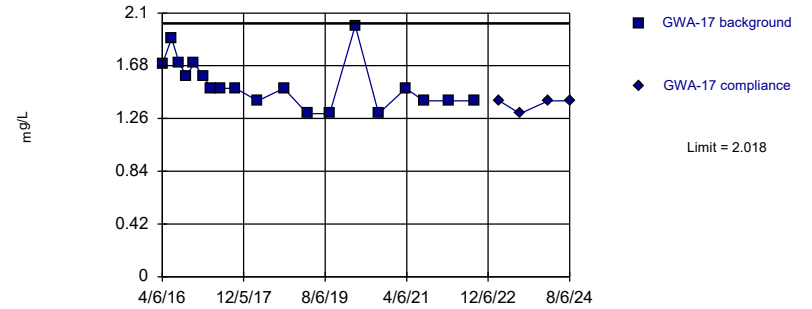
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=1.286, Std. Dev.=0.05984, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9126, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 9/16/2024 3:40 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

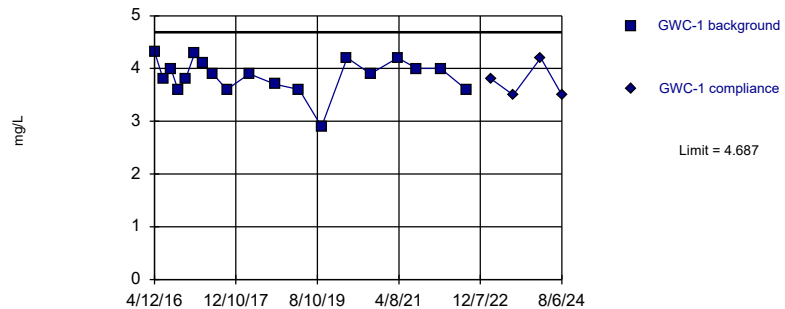
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=1.536, Std. Dev.=0.1945, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9079, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 9/16/2024 3:40 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

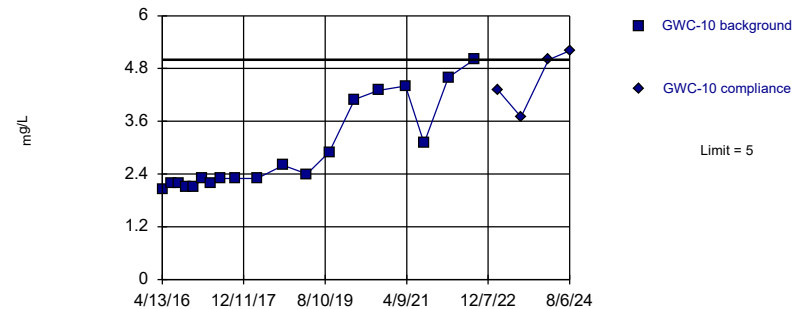
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=3.864, Std. Dev.=0.3318, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9022, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 9/16/2024 3:40 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Exceeds Limit Prediction Limit
Intrawell Non-parametric

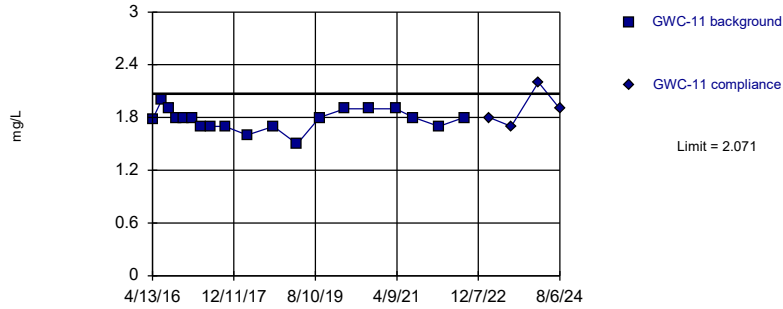


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.05 alpha level. Limit is highest of 19 background values. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Chloride Analysis Run 9/16/2024 3:40 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

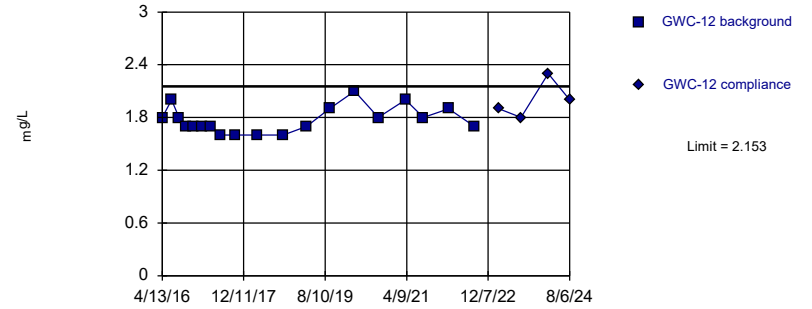


Background Data Summary: Mean=1.778, Std. Dev.=0.1181, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9399, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 9/16/2024 3:40 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

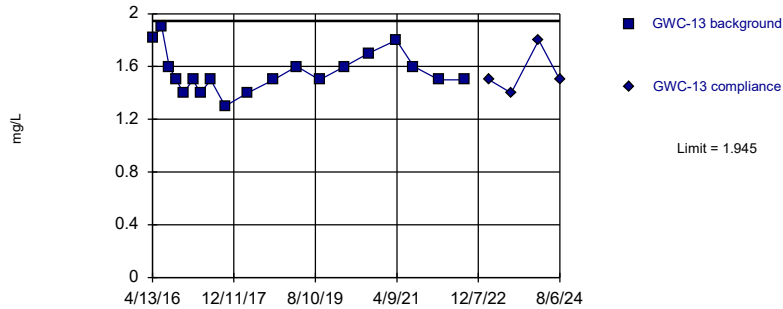


Background Data Summary (based on square root transformation): Mean=1.331, Std. Dev.=0.0551, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9056, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 9/16/2024 3:40 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

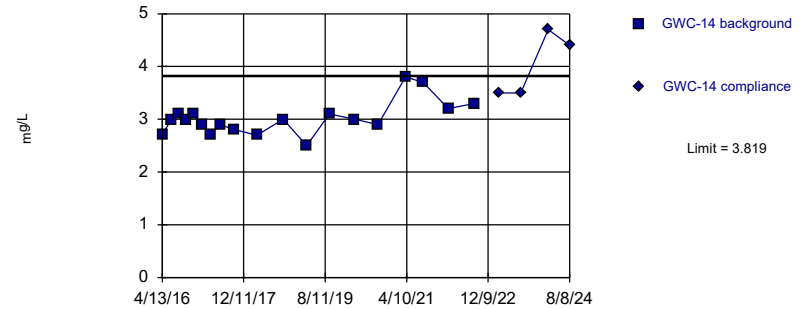


Background Data Summary: Mean=1.559, Std. Dev.=0.1557, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9182, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 9/16/2024 3:40 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Exceeds Limit

Prediction Limit
Intrawell Parametric

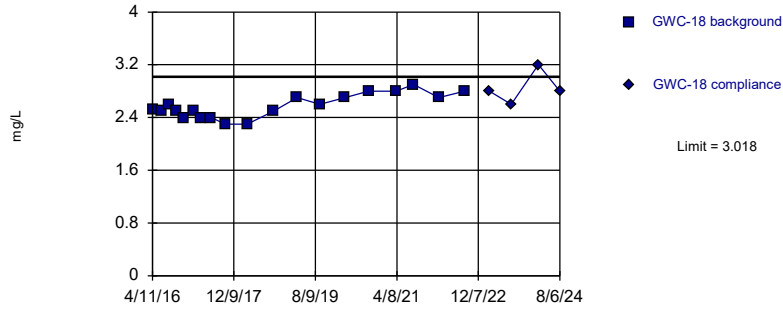


Background Data Summary: Mean=3.022, Std. Dev.=0.3219, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9091, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 9/16/2024 3:40 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Parametric

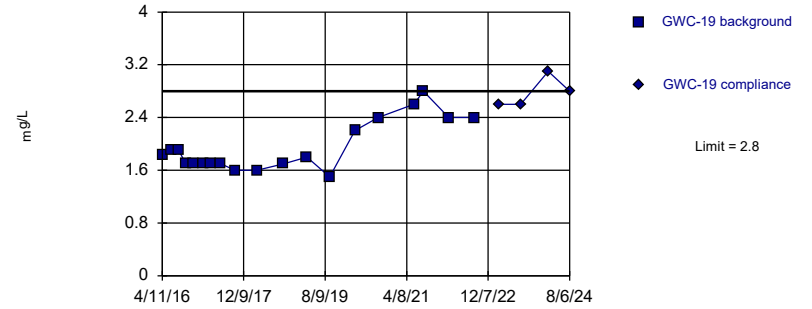


Background Data Summary: Mean=2.575, Std. Dev.=0.1785, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9483, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 9/16/2024 3:40 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

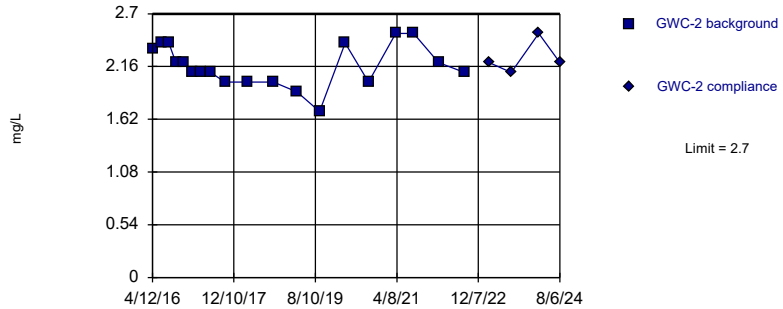


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.05 alpha level. Limit is highest of 19 background values. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Chloride Analysis Run 9/16/2024 3:40 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Parametric



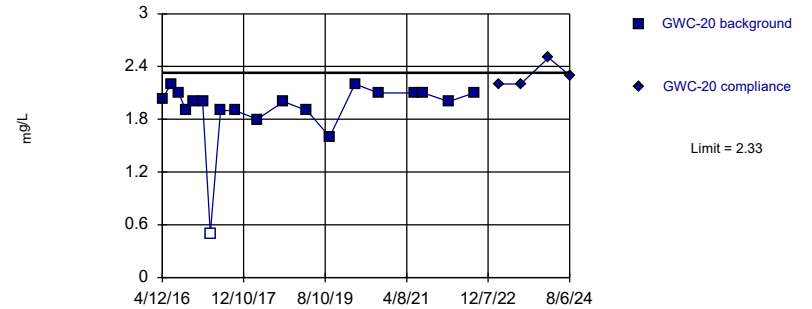
Background Data Summary: Mean=2.165, Std. Dev.=0.2156, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9482, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 9/16/2024 3:40 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Parametric

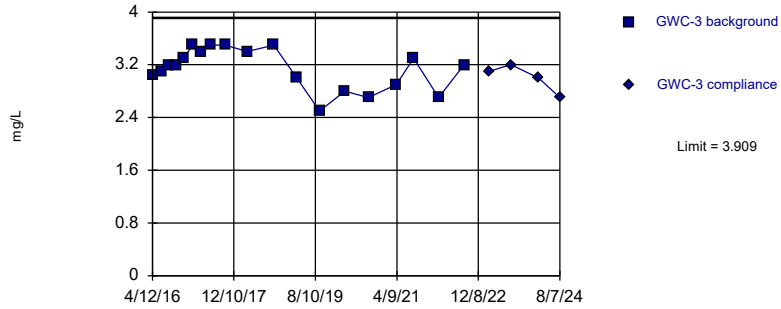


Background Data Summary (based on x^4 transformation): Mean=15.49, Std. Dev.=5.649, n=19, 5.263% NDs. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9069, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 9/16/2024 3:40 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

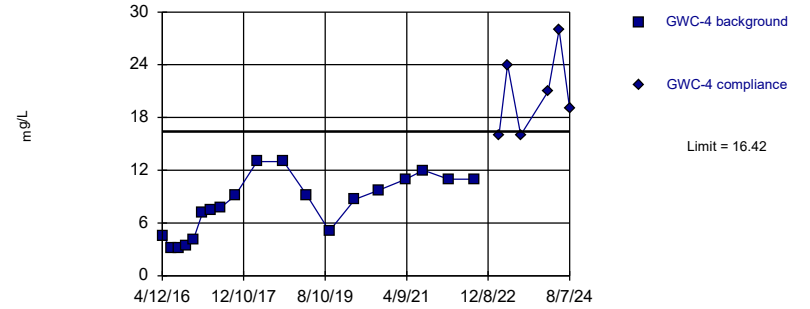


Background Data Summary: Mean=3.144, Std. Dev.=0.3088, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9216, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 9/16/2024 3:40 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Exceeds Limit

Prediction Limit
Intrawell Parametric

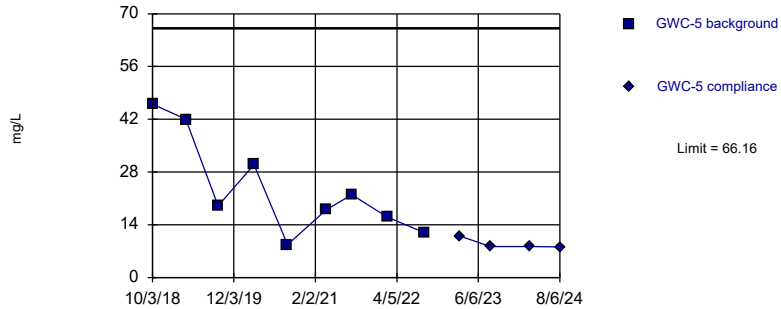


Background Data Summary: Mean=8.083, Std. Dev.=3.363, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9273, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 9/16/2024 3:40 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

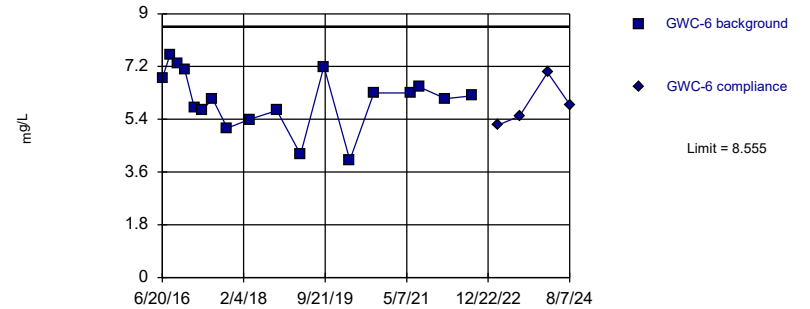


Background Data Summary: Mean=23.74, Std. Dev.=12.99, n=9. Normality test: Shapiro Wilk @alpha = 0.1, calculated = 0.8988, critical = 0.859. Kappa = 3.265 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 9/16/2024 3:40 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

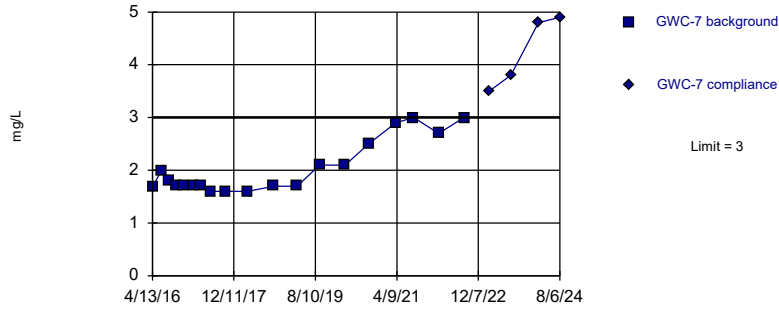


Background Data Summary: Mean=6.078, Std. Dev.=0.9867, n=18. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9531, critical = 0.897. Kappa = 2.511 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 9/16/2024 3:40 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Exceeds Limit

Prediction Limit
Intrawell Non-parametric

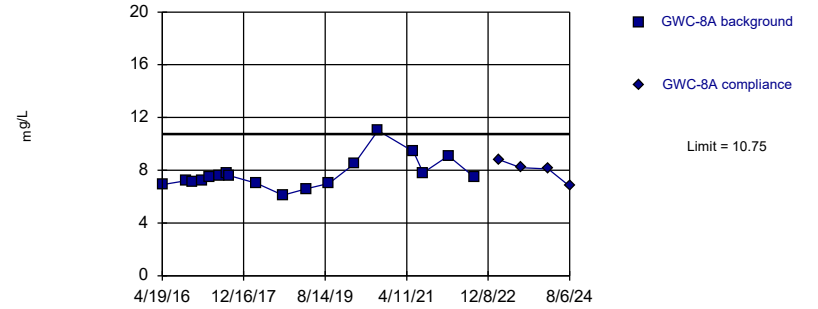


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.05 alpha level. Limit is highest of 19 background values. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Chloride Analysis Run 9/16/2024 3:40 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

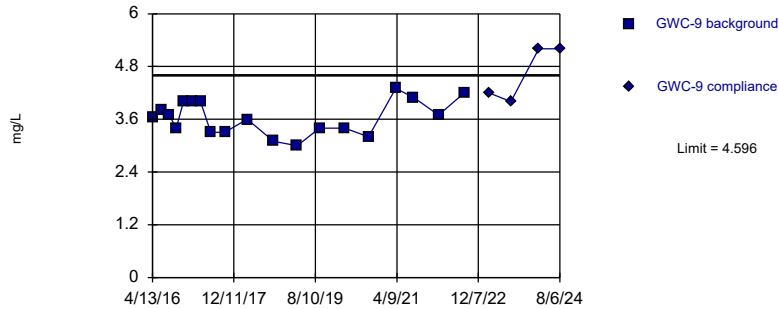


Background Data Summary (based on cube root transformation): Mean=1.972, Std. Dev.=0.09371, n=18. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.8987, critical = 0.897. Kappa = 2.511 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 9/16/2024 3:40 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Exceeds Limit

Prediction Limit
Intrawell Parametric



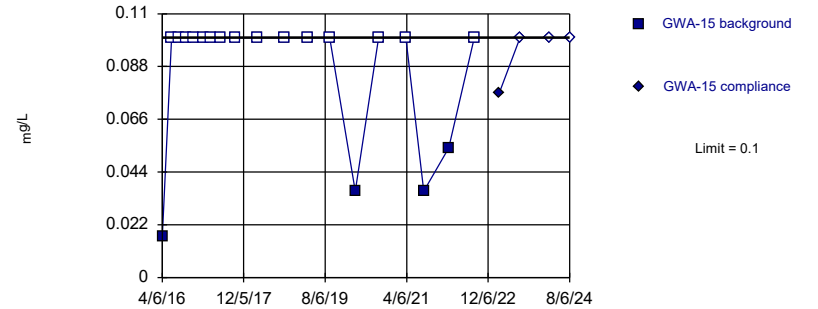
Background Data Summary: Mean=3.639, Std. Dev.=0.3861, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9602, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 9/16/2024 3:40 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric

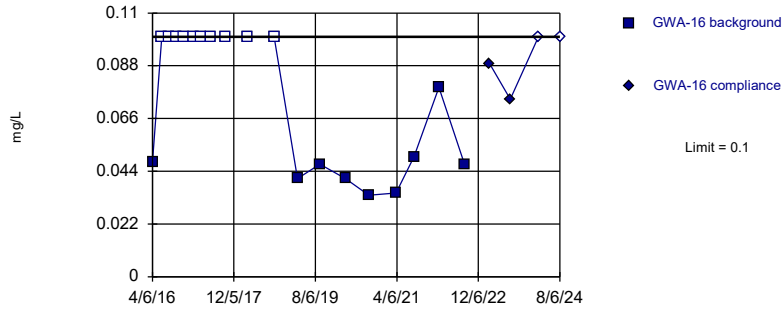


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 78.95% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Fluoride Analysis Run 9/16/2024 3:40 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

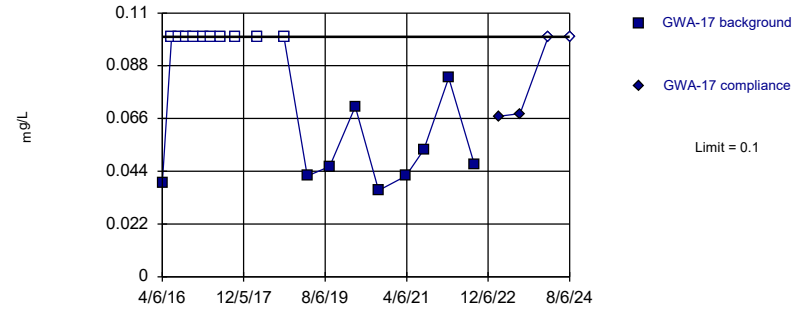


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 52.63% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Fluoride Analysis Run 9/16/2024 3:40 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

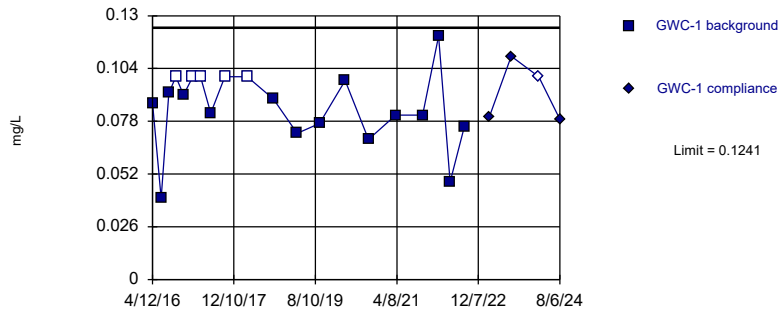


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 52.63% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Fluoride Analysis Run 9/16/2024 3:40 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Parametric

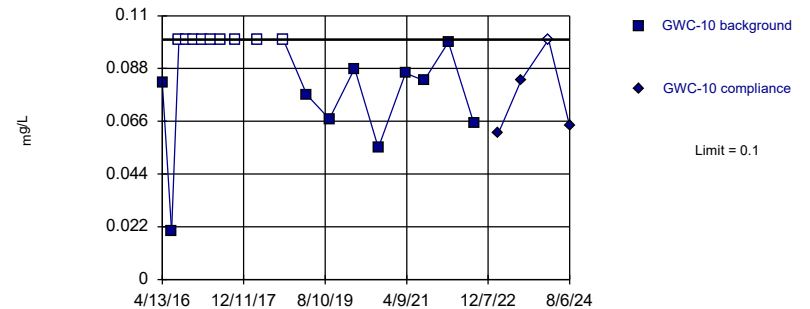


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.07823, Std. Dev.=0.01874, n=20, 25% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9282, critical = 0.868. Kappa = 2.446 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Fluoride Analysis Run 9/16/2024 3:40 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

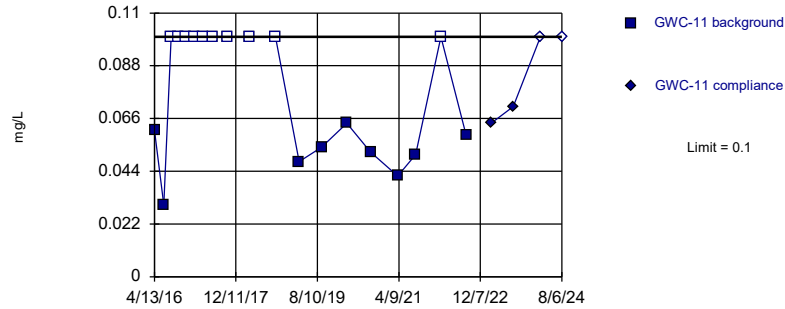


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.05 alpha level. Limit is highest of 19 background values. 47.37% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Fluoride Analysis Run 9/16/2024 3:40 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

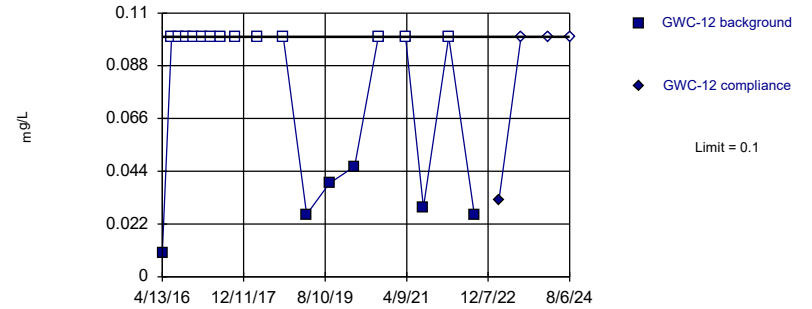


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 52.63% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Fluoride Analysis Run 9/16/2024 3:40 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

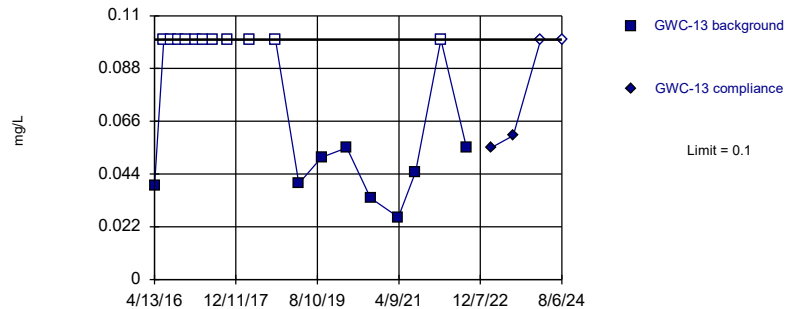


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 68.42% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Fluoride Analysis Run 9/16/2024 3:40 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

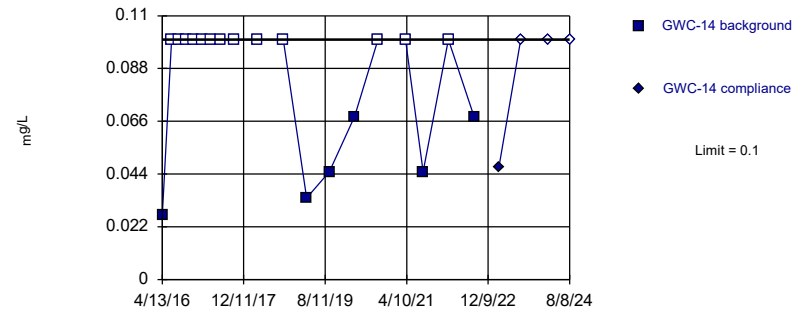


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 57.89% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Fluoride Analysis Run 9/16/2024 3:41 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

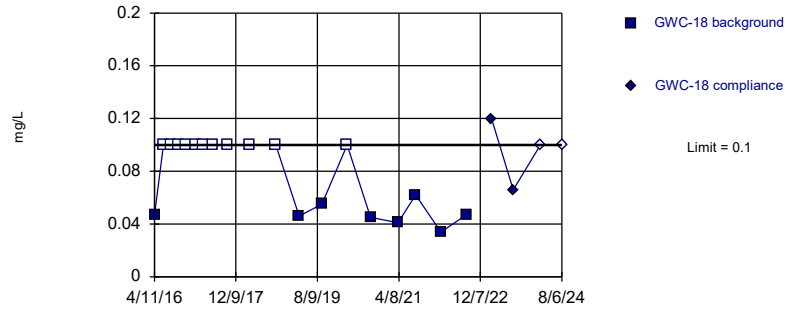


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 68.42% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Fluoride Analysis Run 9/16/2024 3:41 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

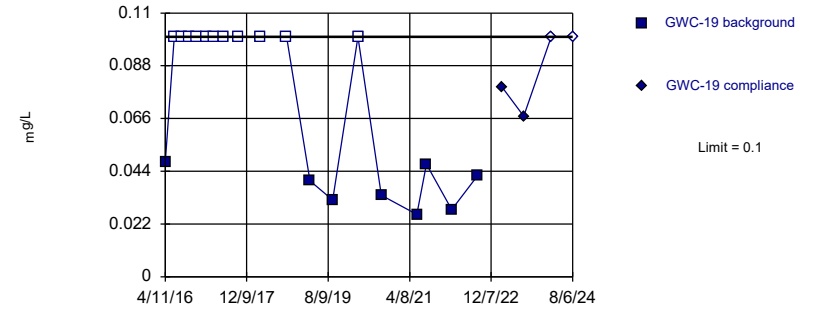


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 57.89% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Fluoride Analysis Run 9/16/2024 3:41 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

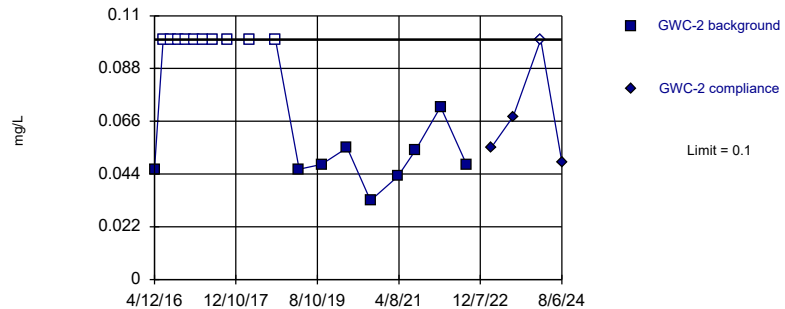


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 57.89% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Fluoride Analysis Run 9/16/2024 3:41 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

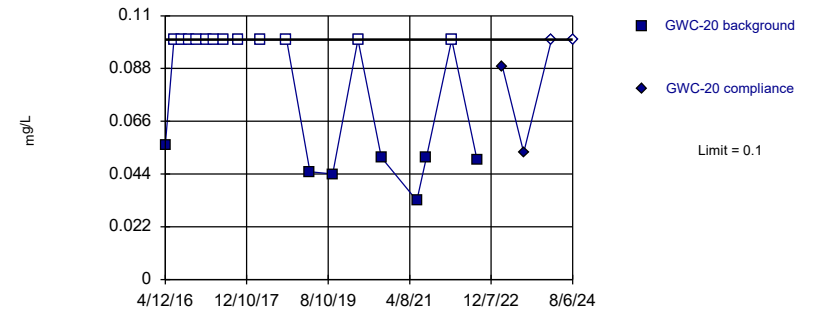


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 52.63% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Fluoride Analysis Run 9/16/2024 3:41 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

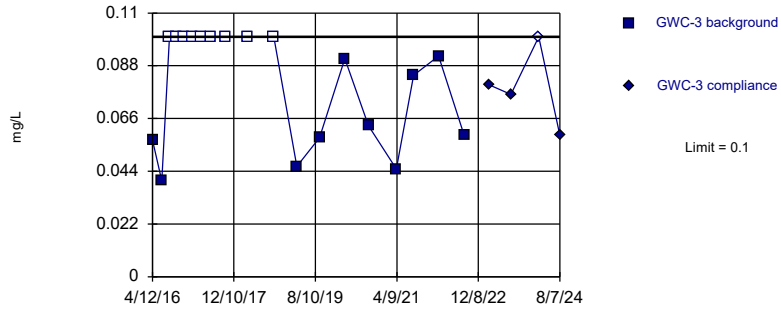


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 63.16% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Fluoride Analysis Run 9/16/2024 3:41 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

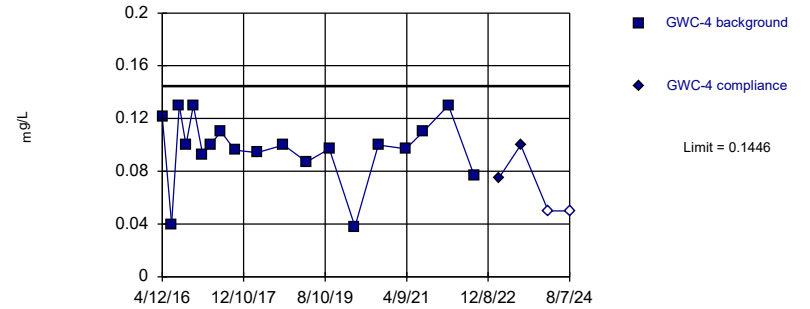


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.05 alpha level. Limit is highest of 19 background values. 47.37% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Fluoride Analysis Run 9/16/2024 3:41 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Parametric

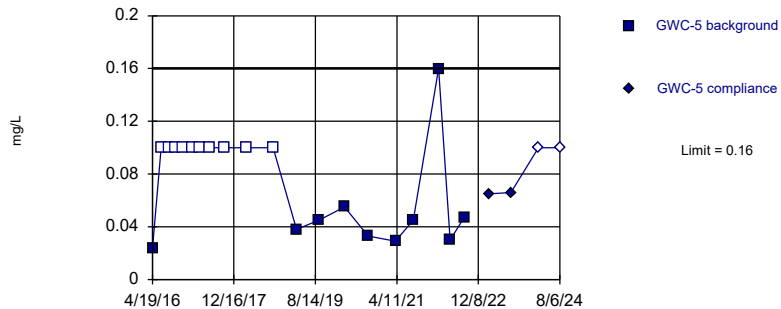


Background Data Summary (based on square transformation): Mean=0.01008, Std. Dev.=0.00437, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9165, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Fluoride Analysis Run 9/16/2024 3:41 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

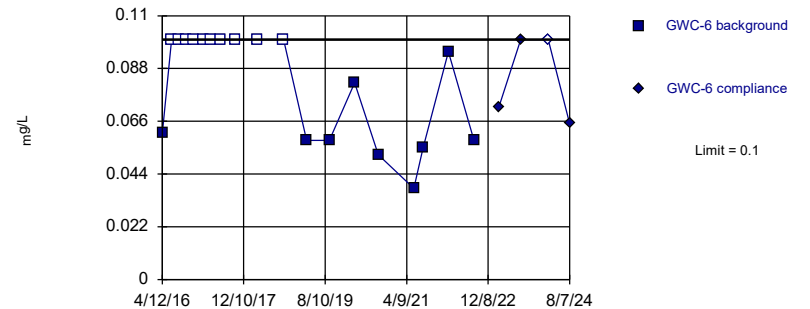


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 20 background values. 50% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Fluoride Analysis Run 9/16/2024 3:41 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

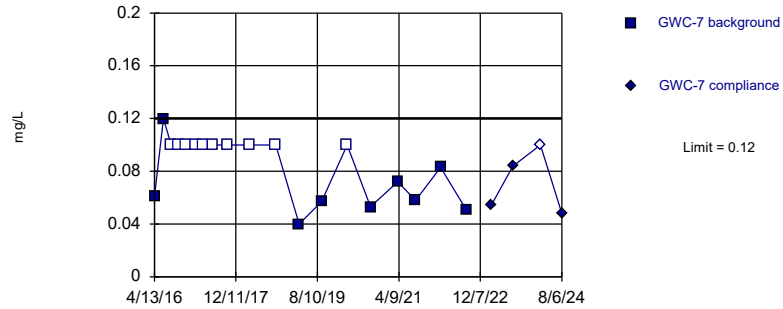


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 52.63% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Fluoride Analysis Run 9/16/2024 3:41 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

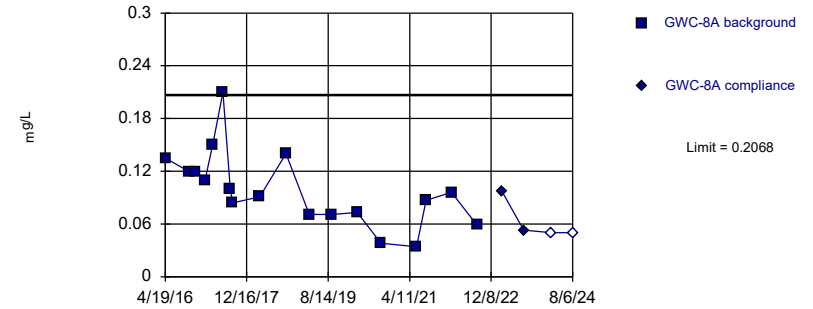


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 52.63% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Fluoride Analysis Run 9/16/2024 3:41 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Parametric

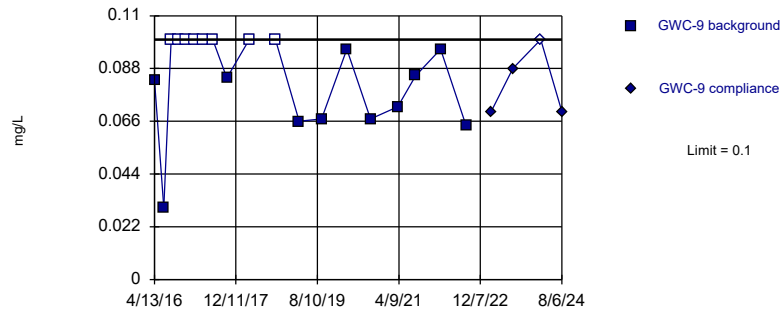


Background Data Summary: Mean=0.09939, Std. Dev.=0.04279, n=18. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9545, critical = 0.897. Kappa = 2.511 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Fluoride Analysis Run 9/16/2024 3:41 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

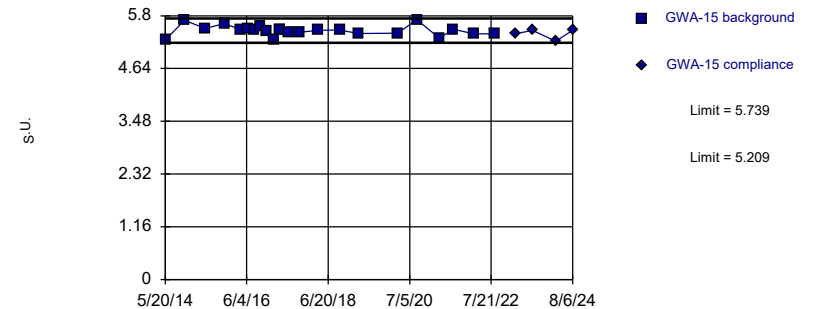


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.05 alpha level. Limit is highest of 19 background values. 42.11% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Fluoride Analysis Run 9/16/2024 3:41 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
Within Limits

Prediction Limit
Intrawell Parametric

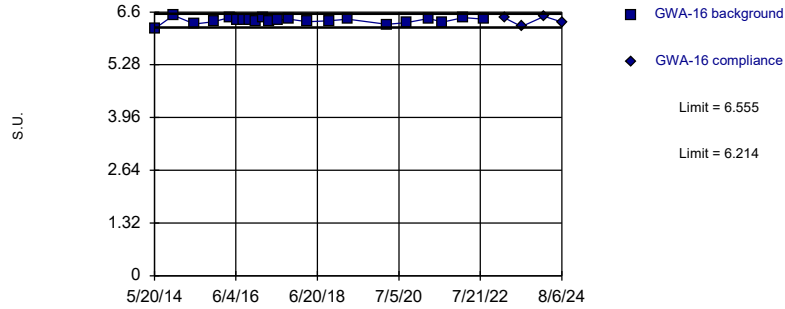


Background Data Summary: Mean=5.474, Std. Dev.=0.1111, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9419, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 9/16/2024 3:41 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit Intrawell Parametric

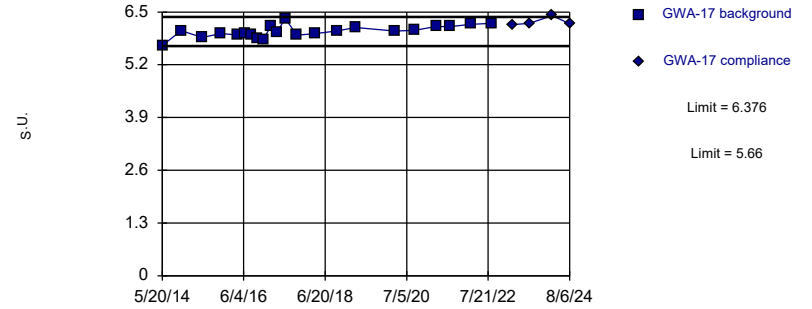


Background Data Summary: Mean=6.384, Std. Dev.=0.07089, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9445, critical = 0.878. Kappa = 2.406 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 9/16/2024 3:41 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit Intrawell Parametric

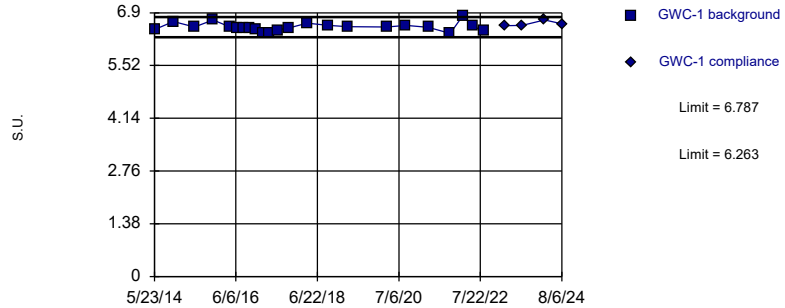


Background Data Summary: Mean=6.018, Std. Dev.=0.149, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9868, critical = 0.878. Kappa = 2.406 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 9/16/2024 3:41 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit Intrawell Parametric

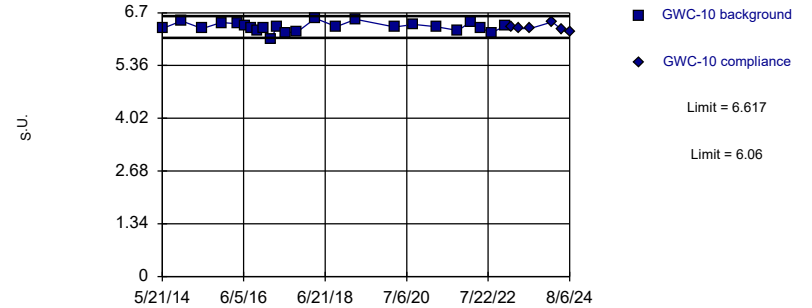


Background Data Summary: Mean=6.525, Std. Dev.=0.1099, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9298, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 9/16/2024 3:41 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit Intrawell Parametric

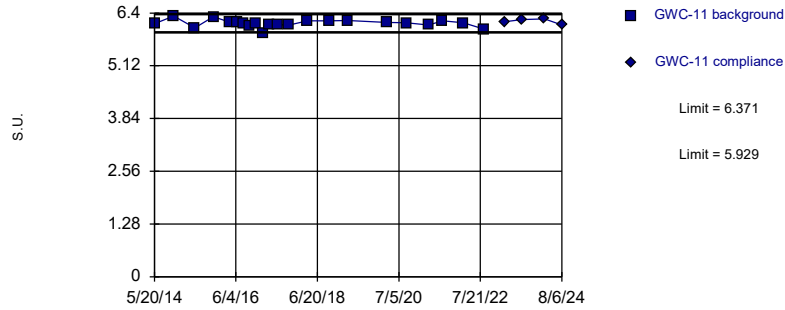


Background Data Summary: Mean=6.338, Std. Dev.=0.1176, n=24. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9715, critical = 0.884. Kappa = 2.366 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 9/16/2024 3:41 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit Intrawell Parametric

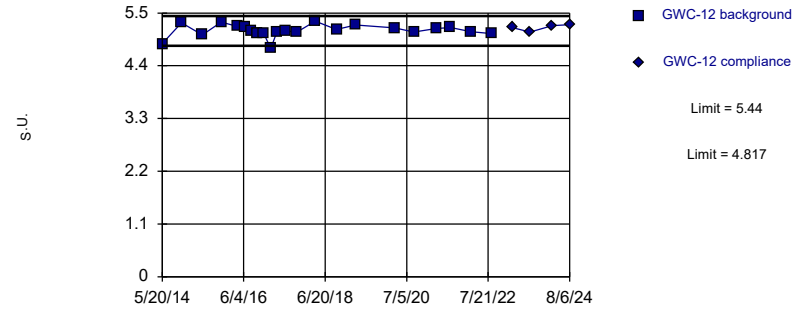


Background Data Summary: Mean=6.15, Std. Dev.=0.09196, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9361, critical = 0.878. Kappa = 2.406 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 9/16/2024 3:41 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit Intrawell Parametric

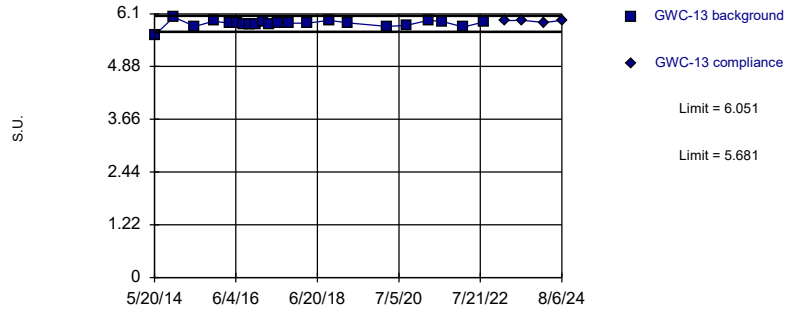


Background Data Summary: Mean=5.128, Std. Dev.=0.1305, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9047, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 9/16/2024 3:41 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit Intrawell Parametric

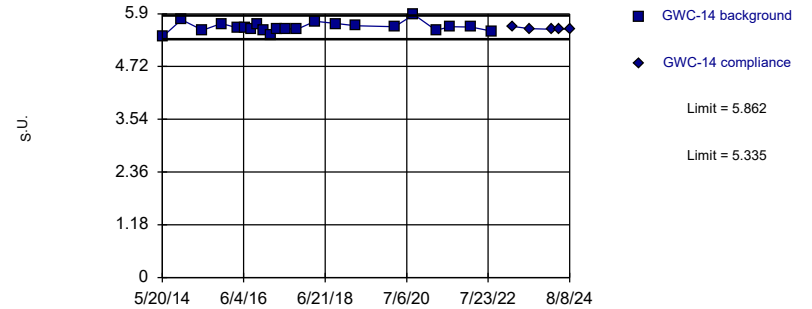


Background Data Summary (based on cube transformation): Mean=202.5, Std. Dev.=8.027, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8817, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 9/16/2024 3:41 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit Intrawell Parametric

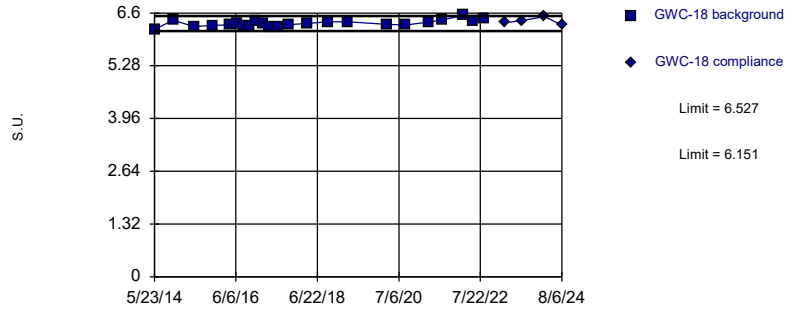


Background Data Summary: Mean=5.598, Std. Dev.=0.1095, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9571, critical = 0.878. Kappa = 2.406 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 9/16/2024 3:41 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit Intrawell Parametric

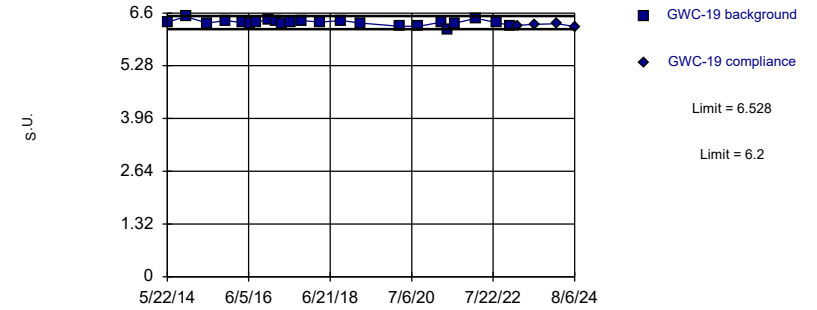


Background Data Summary: Mean=6.339, Std. Dev.=0.07879, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9788, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 9/16/2024 3:41 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit Intrawell Parametric

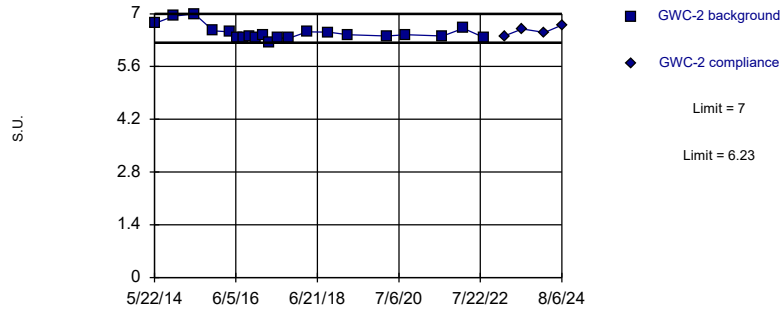


Background Data Summary: Mean=6.364, Std. Dev.=0.0688, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.93, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 9/16/2024 3:41 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit Intrawell Non-parametric

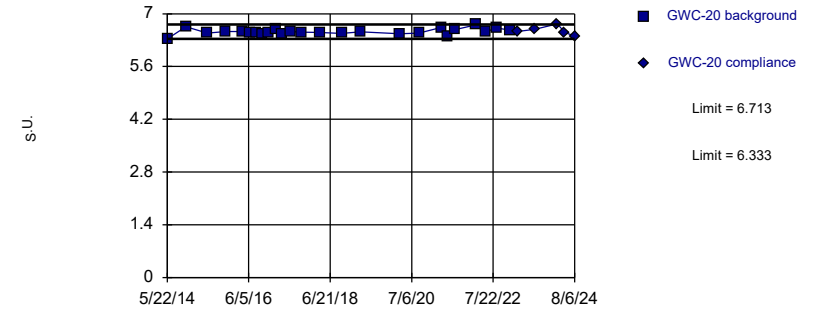


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 21 background values. Well-constituent pair annual alpha = 0.01596. Individual comparison alpha = 0.007998 (1 of 2).

Constituent: pH Analysis Run 9/16/2024 3:41 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit Intrawell Parametric

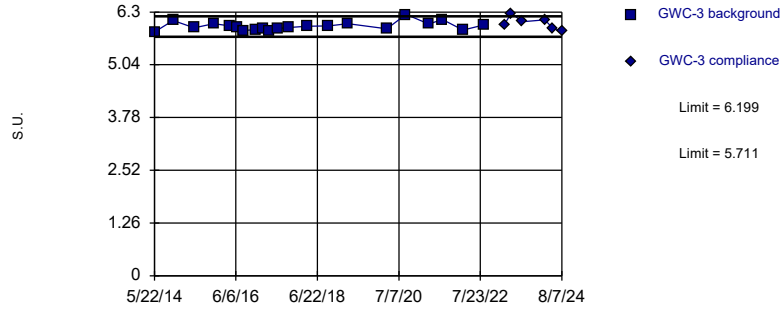


Background Data Summary: Mean=6.523, Std. Dev.=0.08092, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9506, critical = 0.888. Kappa = 2.347 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 9/16/2024 3:41 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit Intrawell Parametric

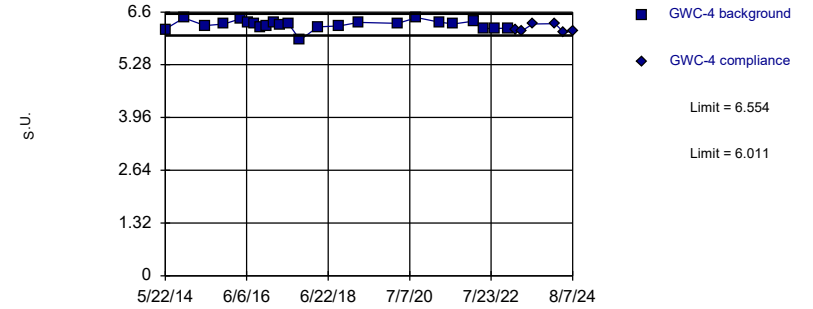


Background Data Summary: Mean=5.955, Std. Dev.=0.1016, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9136, critical = 0.878. Kappa = 2.406 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 9/16/2024 3:41 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit Intrawell Parametric

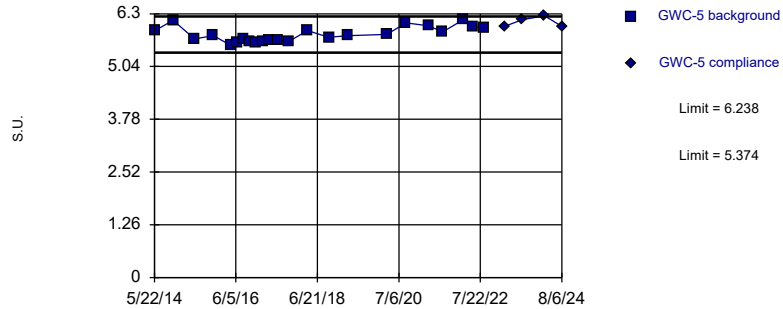


Background Data Summary: Mean=6.282, Std. Dev.=0.1147, n=24. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8874, critical = 0.884. Kappa = 2.366 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 9/16/2024 3:41 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit Intrawell Parametric

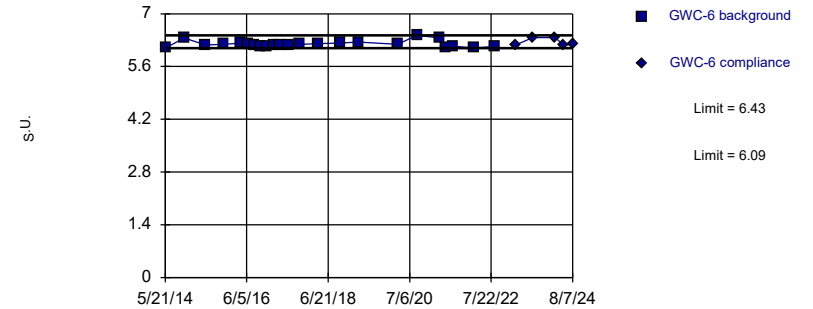


Background Data Summary: Mean=5.806, Std. Dev.=0.1811, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9298, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 9/16/2024 3:41 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit Intrawell Non-parametric

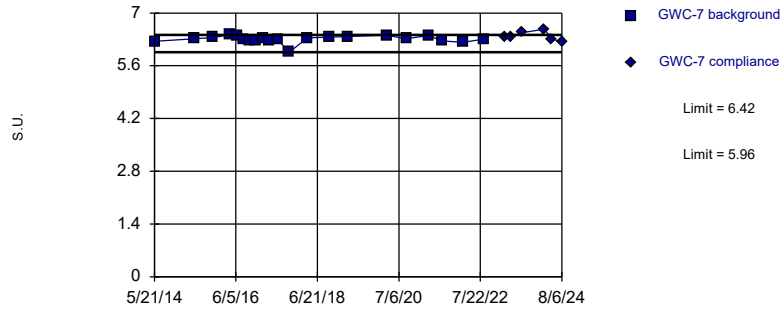


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 23 background values. Well-constituent pair annual alpha = 0.01364. Individual comparison alpha = 0.006831 (1 of 2).

Constituent: pH Analysis Run 9/16/2024 3:41 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit
Intrawell Non-parametric

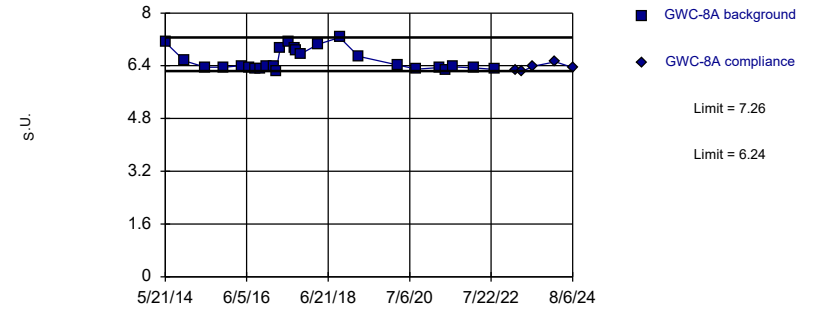


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 21 background values. Well-constituent pair annual alpha = 0.01596. Individual comparison alpha = 0.007998 (1 of 2).

Constituent: pH Analysis Run 9/16/2024 3:41 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit
Intrawell Non-parametric

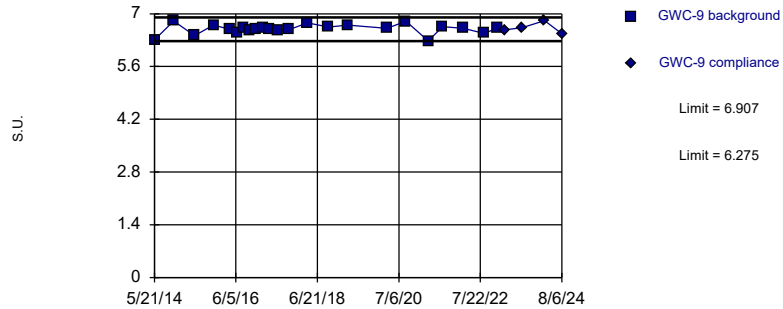


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 26 background values. Well-constituent pair annual alpha = 0.01065. Individual comparison alpha = 0.005334 (1 of 2).

Constituent: pH Analysis Run 9/16/2024 3:41 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit
Intrawell Parametric



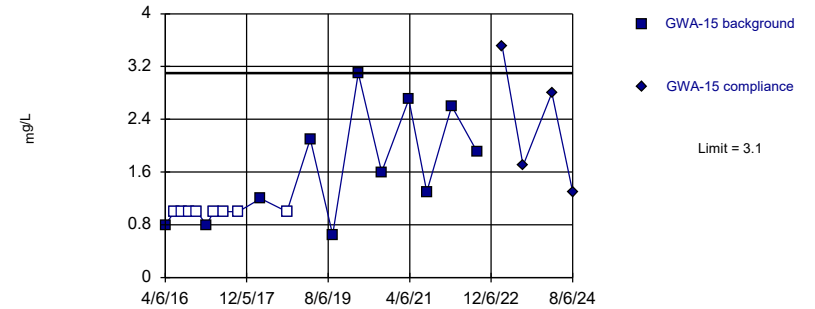
Background Data Summary: Mean=6.591, Std. Dev.=0.1325, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9376, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 9/16/2024 3:41 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric

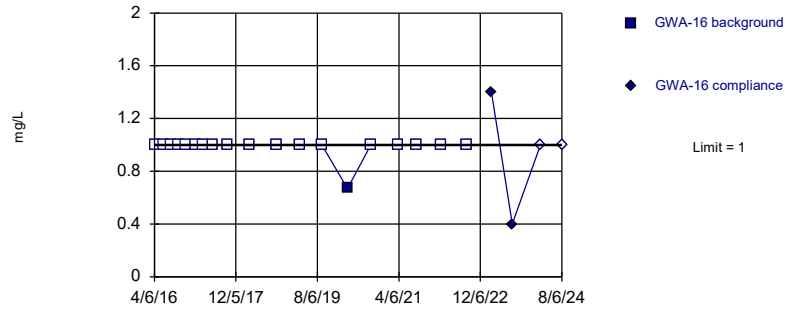


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.05 alpha level. Limit is highest of 19 background values. 42.11% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Sulfate Analysis Run 9/16/2024 3:41 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

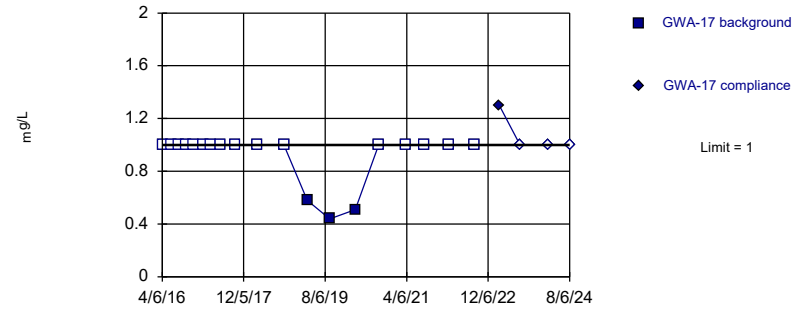


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 94.74% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Sulfate Analysis Run 9/16/2024 3:41 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

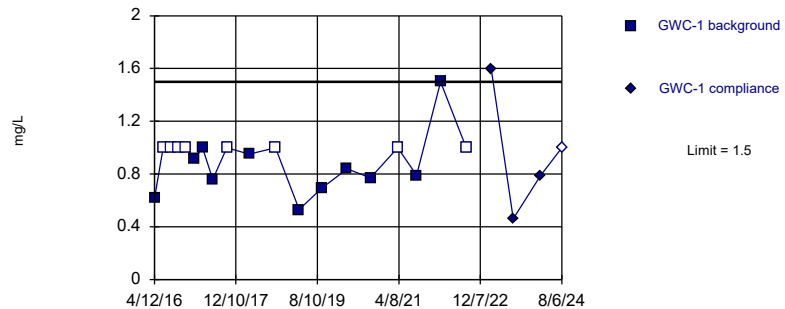


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 84.21% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Sulfate Analysis Run 9/16/2024 3:41 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

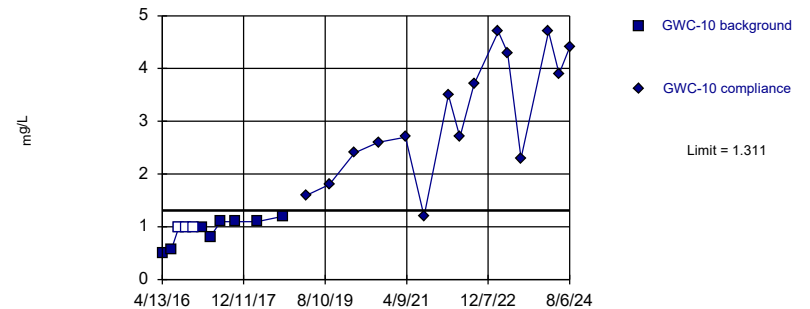


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.05 alpha level. Limit is highest of 19 background values. 42.11% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Sulfate Analysis Run 9/16/2024 3:41 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
 Hollow symbols indicate censored values.
 Exceeds Limit

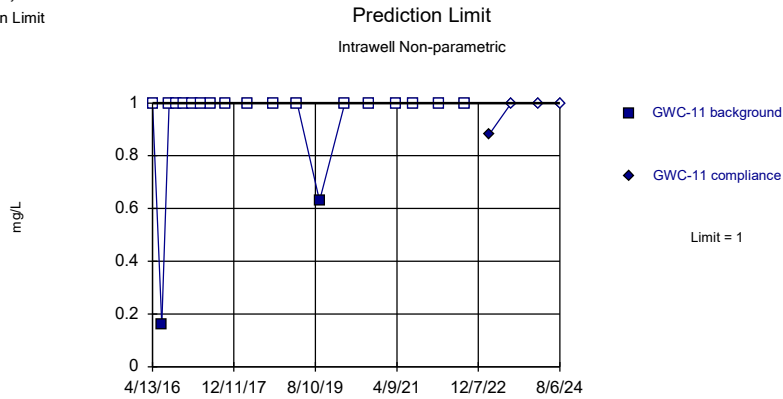
Prediction Limit
 Intrawell Parametric



Background Data Summary (based on square transformation) (after Kaplan-Meier Adjustment): Mean=0.5825, Std. Dev.=0.386, n=11, 27.27% NDs. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.8793, critical = 0.85. Kappa = 2.941 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Sulfate Analysis Run 9/16/2024 3:41 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

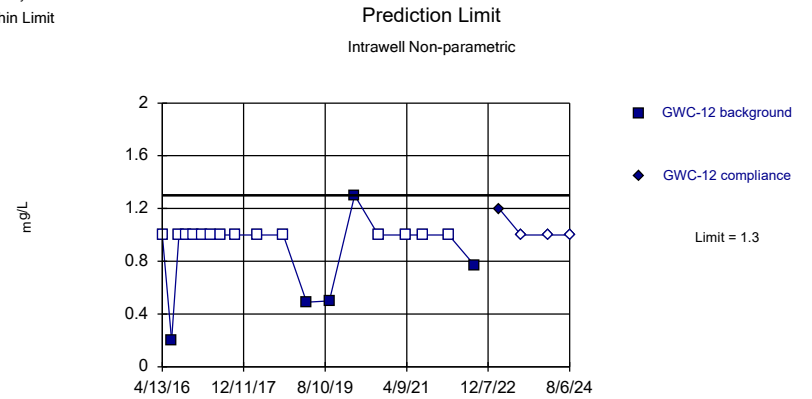
Sanitas™ v.10.0.22 . UG
 Hollow symbols indicate censored values.
 Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 89.47% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Sulfate Analysis Run 9/16/2024 3:41 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

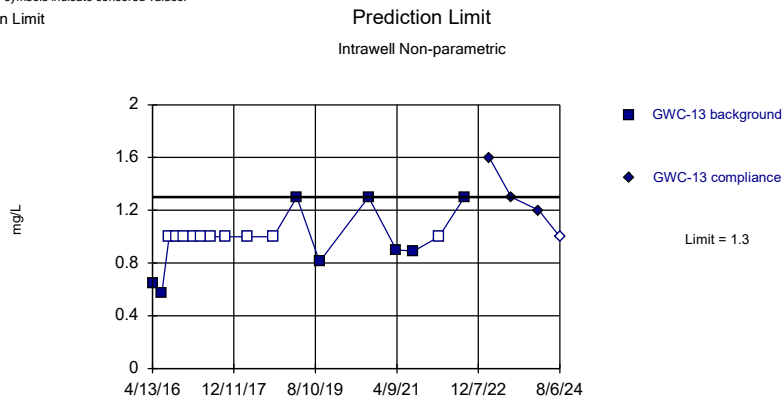
Sanitas™ v.10.0.22 . UG
 Hollow symbols indicate censored values.
 Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 73.68% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Sulfate Analysis Run 9/16/2024 3:41 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

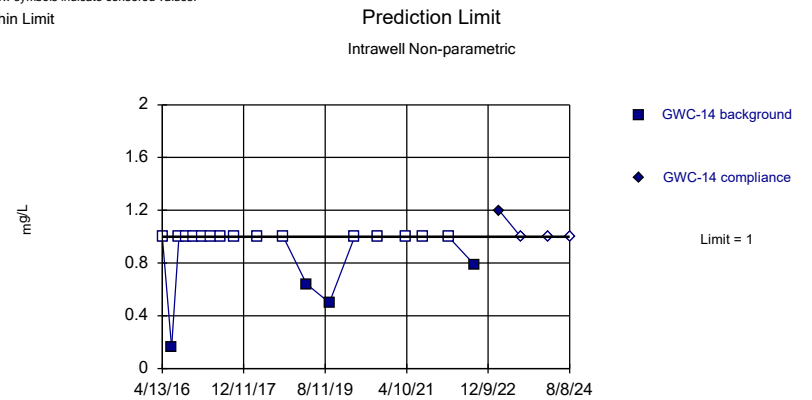
Sanitas™ v.10.0.22 . UG
 Hollow symbols indicate censored values.
 Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 18 background values. 55.56% NDs. Well-constituent pair annual alpha = 0.01072. Individual comparison alpha = 0.005373 (1 of 2).

Constituent: Sulfate Analysis Run 9/16/2024 3:41 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
 Hollow symbols indicate censored values.
 Within Limit

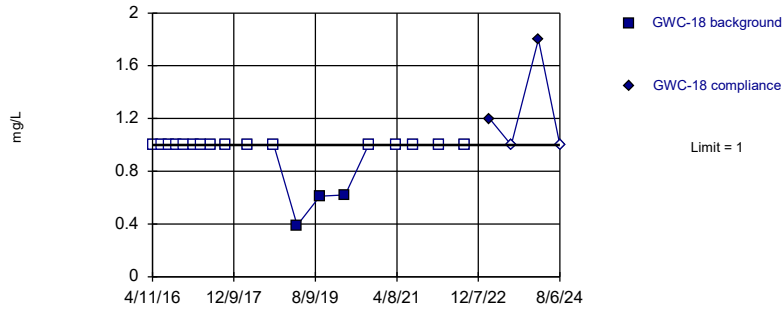


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 78.95% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Sulfate Analysis Run 9/16/2024 3:41 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

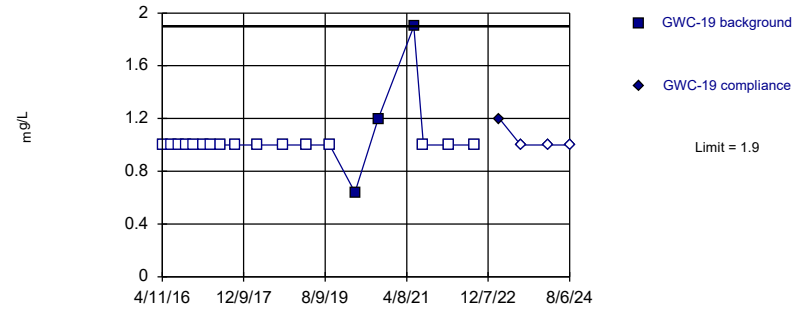


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 84.21% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Sulfate Analysis Run 9/16/2024 3:41 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

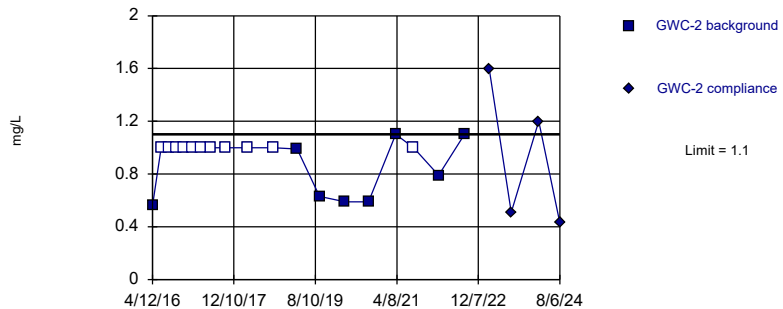


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 84.21% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Sulfate Analysis Run 9/16/2024 3:41 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

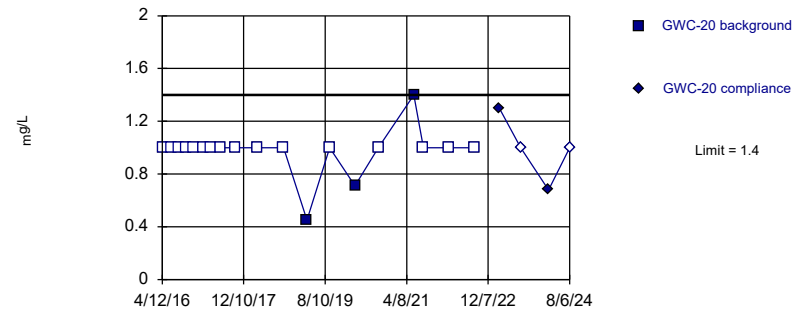


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 57.89% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Sulfate Analysis Run 9/16/2024 3:41 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

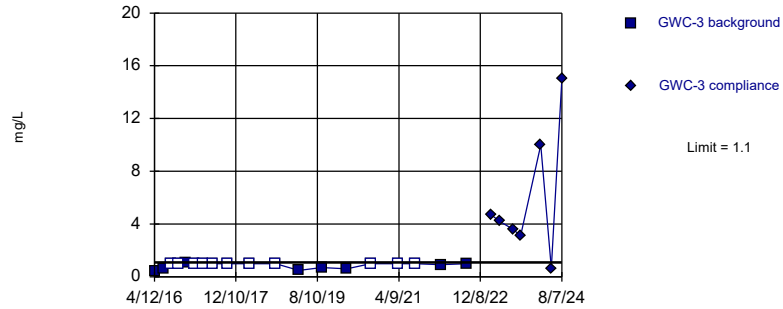


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 84.21% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Sulfate Analysis Run 9/16/2024 3:41 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
 Hollow symbols indicate censored values.
 Exceeds Limit

Prediction Limit
 Intrawell Non-parametric

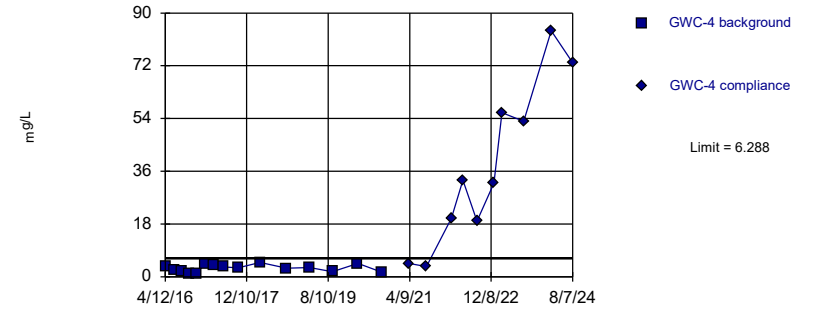


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 57.89% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Sulfate Analysis Run 9/16/2024 3:41 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
 Exceeds Limit

Prediction Limit
 Intrawell Parametric

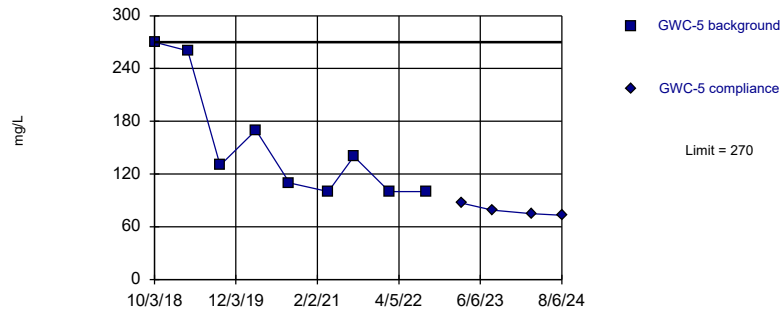


Background Data Summary: Mean=2.937, Std. Dev.=1.27, n=15. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9294, critical = 0.881. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Sulfate Analysis Run 9/16/2024 3:41 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
 Within Limit

Prediction Limit
 Intrawell Non-parametric

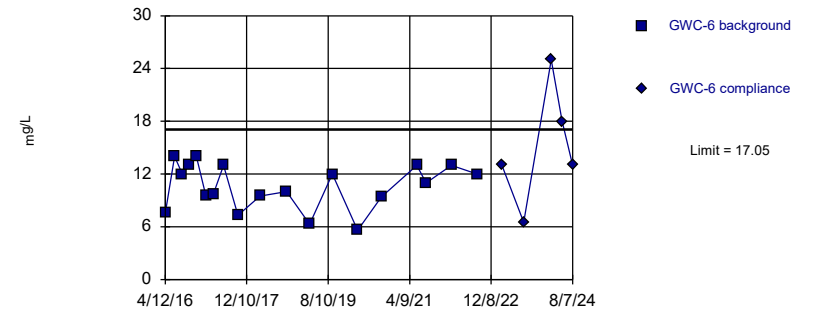


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.1 alpha level. Limit is highest of 9 background values. Well-constituent pair annual alpha = 0.03586. Individual comparison alpha = 0.01809 (1 of 2).

Constituent: Sulfate Analysis Run 9/16/2024 3:42 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
 Within Limit

Prediction Limit
 Intrawell Parametric

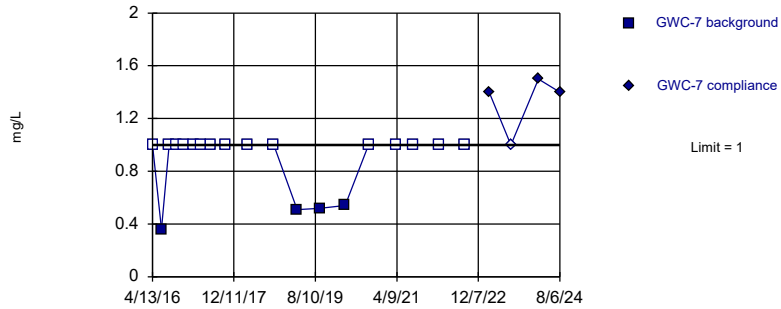


Background Data Summary: Mean=10.62, Std. Dev.=2.592, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9257, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Sulfate Analysis Run 9/16/2024 3:42 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
 Hollow symbols indicate censored values.
 Exceeds Limit

Prediction Limit
 Intrawell Non-parametric

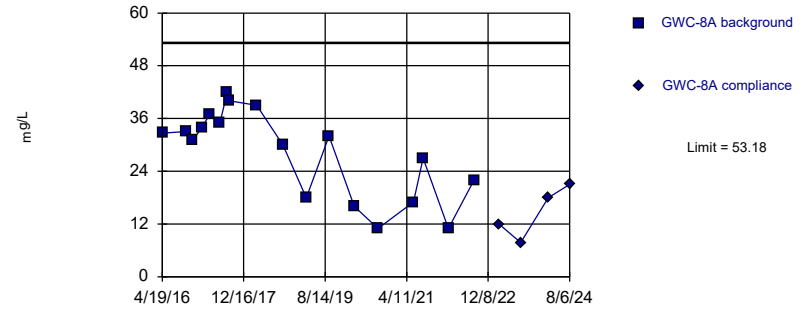


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 78.95% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Sulfate Analysis Run 9/16/2024 3:42 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
 Within Limit

Prediction Limit
 Intrawell Parametric

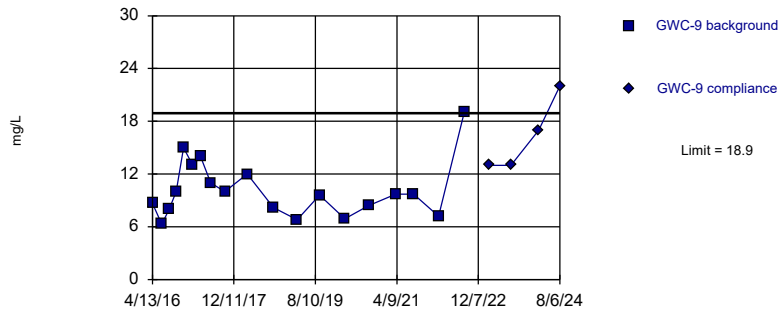


Background Data Summary: Mean=28.21, Std. Dev.=9.948, n=18. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9177, critical = 0.897. Kappa = 2.511 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Sulfate Analysis Run 9/16/2024 3:42 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
 Exceeds Limit

Prediction Limit
 Intrawell Parametric

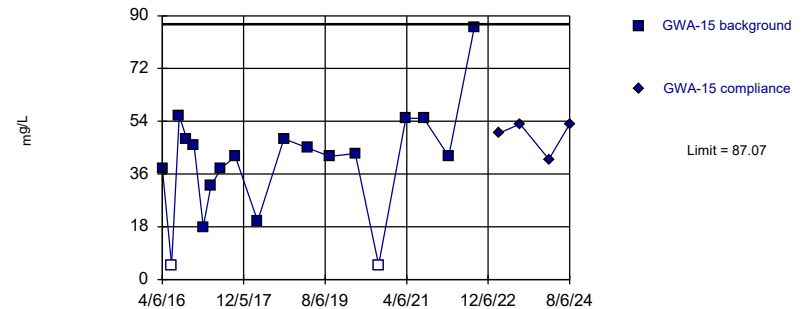


Background Data Summary (based on square root transformation): Mean=3.156, Std. Dev.=0.4807, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9365, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Sulfate Analysis Run 9/16/2024 3:42 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Parametric



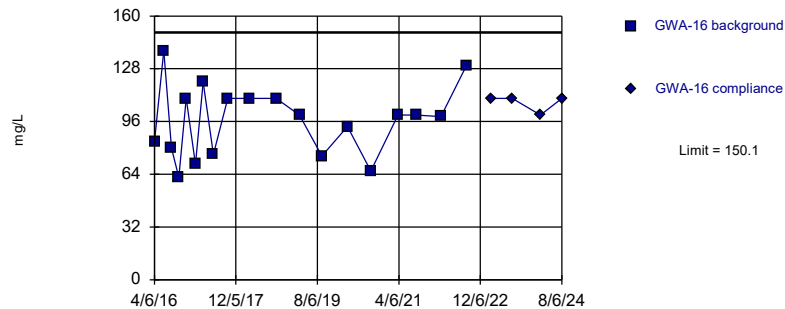
Background Data Summary: Mean=40.21, Std. Dev.=18.91, n=19, 10.53% NDs. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9203, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Total Dissolved Solids Analysis Run 9/16/2024 3:42 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit

Intrawell Parametric



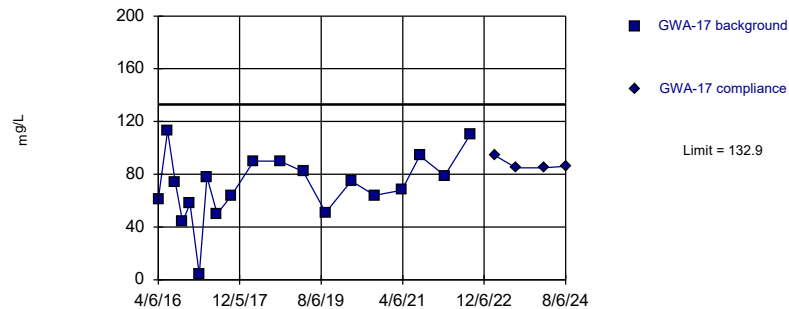
Background Data Summary: Mean=96.53, Std. Dev.=21.6, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9643, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Total Dissolved Solids Analysis Run 9/16/2024 3:42 PM View: Appendix III - Intrawell Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit

Intrawell Parametric



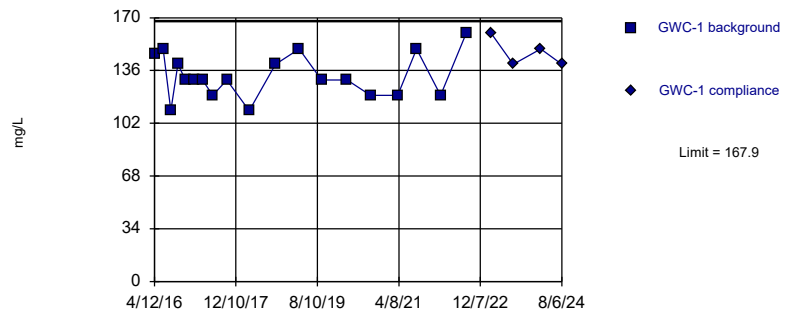
Background Data Summary: Mean=71, Std. Dev.=24.98, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9525, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Total Dissolved Solids Analysis Run 9/16/2024 3:42 PM View: Appendix III - Intrawell Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit

Intrawell Parametric



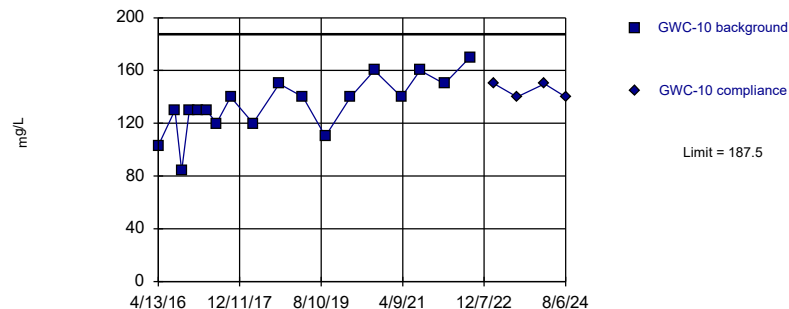
Background Data Summary: Mean=132.5, Std. Dev.=14.28, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9392, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Total Dissolved Solids Analysis Run 9/16/2024 3:42 PM View: Appendix III - Intrawell Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit

Intrawell Parametric

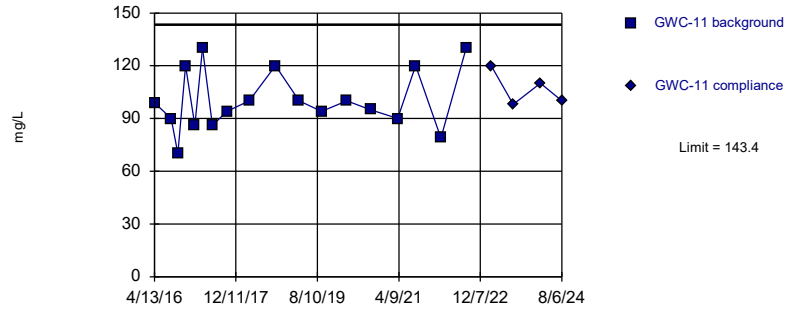


Background Data Summary: Mean=133.7, Std. Dev.=21.41, n=18. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9678, critical = 0.897. Kappa = 2.511 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Total Dissolved Solids Analysis Run 9/16/2024 3:42 PM View: Appendix III - Intrawell Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Parametric



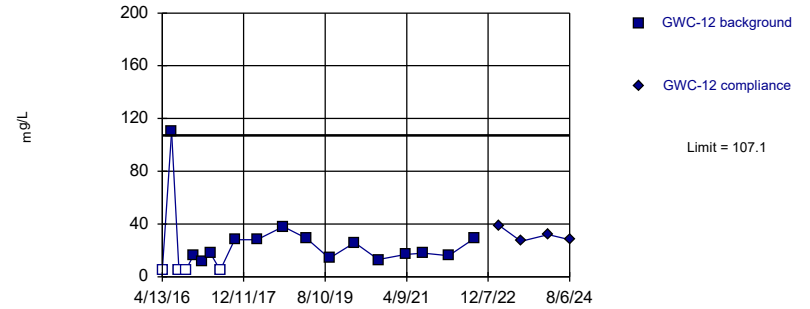
Background Data Summary: Mean=100.2, Std. Dev.=17.2, n=18. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9274, critical = 0.897. Kappa = 2.511 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Total Dissolved Solids Analysis Run 9/16/2024 3:42 PM View: Appendix III - Intrawell Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Parametric

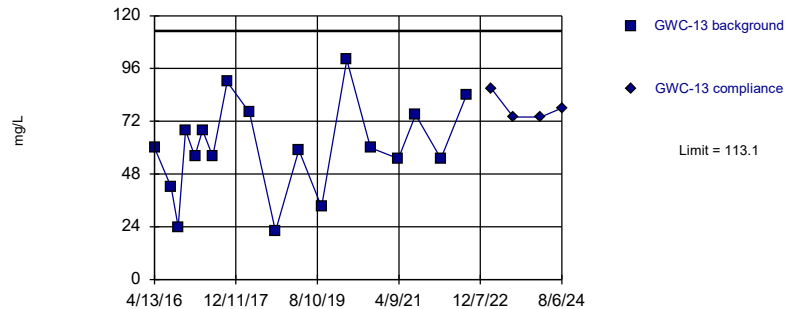


Background Data Summary (based on natural log transformation) (after Kaplan-Meier Adjustment): Mean=2.621, Std. Dev.=0.8282, n=19, 21.05% NDs. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9153, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Total Dissolved Solids Analysis Run 9/16/2024 3:42 PM View: Appendix III - Intrawell Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Parametric

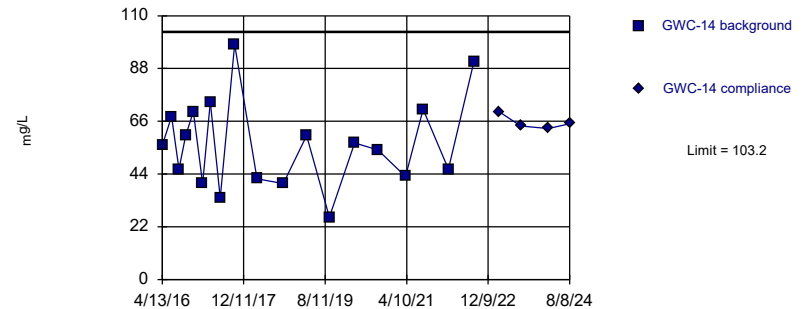


Background Data Summary: Mean=60.17, Std. Dev.=21.09, n=18. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9656, critical = 0.897. Kappa = 2.511 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Total Dissolved Solids Analysis Run 9/16/2024 3:42 PM View: Appendix III - Intrawell Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Parametric

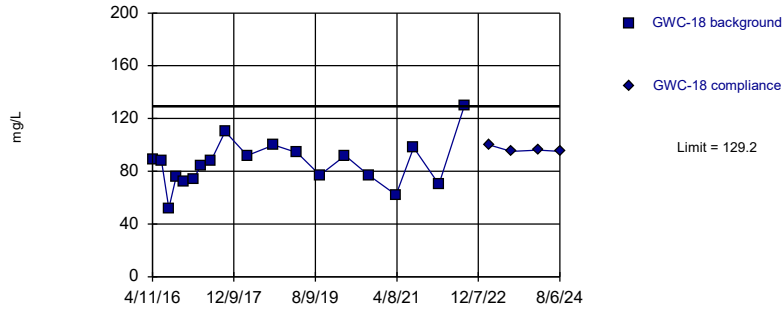


Background Data Summary: Mean=56.63, Std. Dev.=18.81, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9591, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Total Dissolved Solids Analysis Run 9/16/2024 3:42 PM View: Appendix III - Intrawell Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Parametric

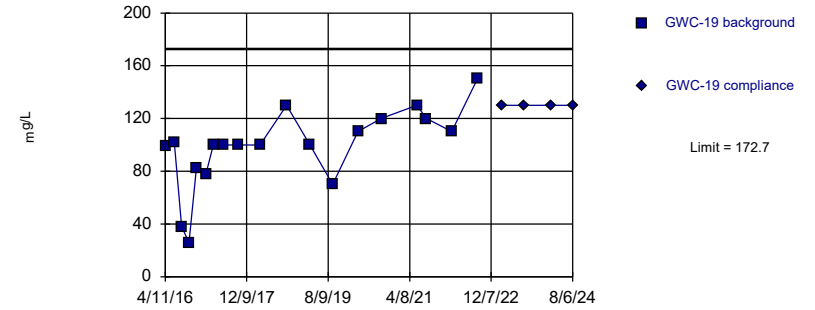


Background Data Summary: Mean=85.53, Std. Dev.=17.63, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9688, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Total Dissolved Solids Analysis Run 9/16/2024 3:42 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Parametric

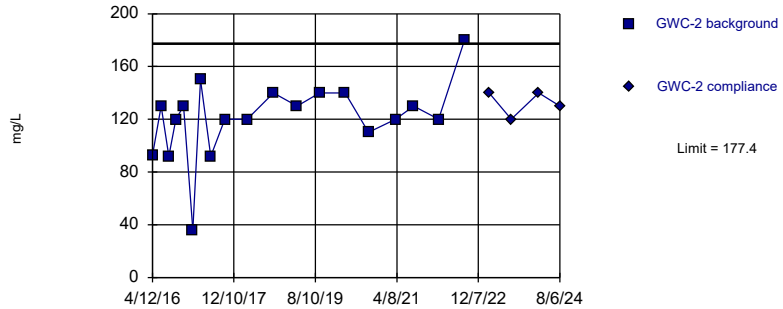


Background Data Summary: Mean=98.16, Std. Dev.=30.06, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9157, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Total Dissolved Solids Analysis Run 9/16/2024 3:42 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Parametric

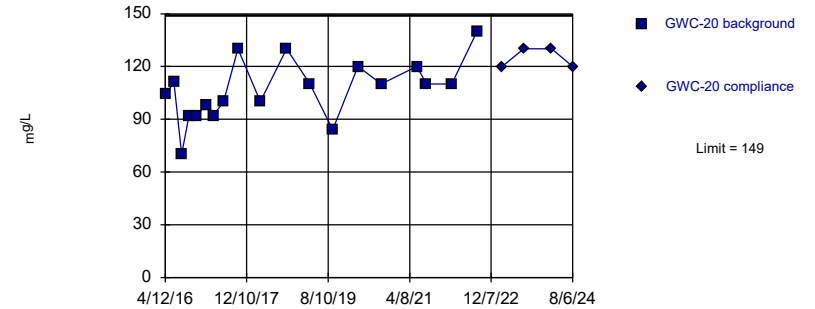


Background Data Summary (based on square transformation): Mean=15383, Std. Dev.=6489, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9341, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Total Dissolved Solids Analysis Run 9/16/2024 3:42 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Parametric

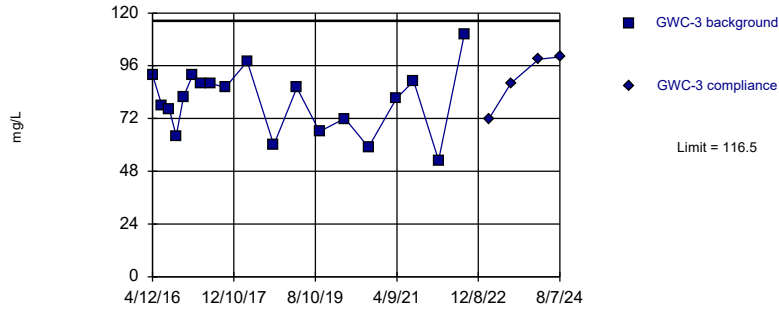


Background Data Summary: Mean=106.5, Std. Dev.=17.15, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9793, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Total Dissolved Solids Analysis Run 9/16/2024 3:42 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Parametric

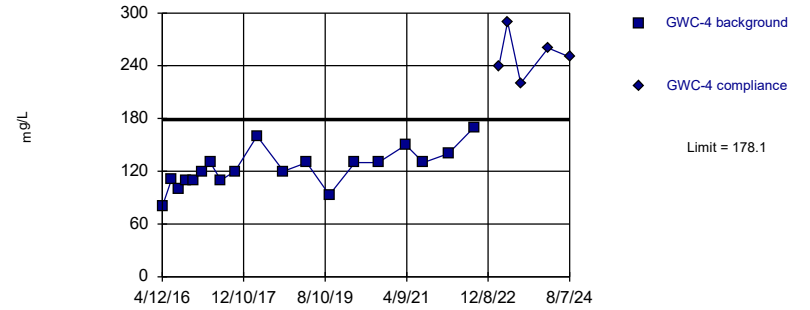


Background Data Summary: Mean=80, Std. Dev.=14.73, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.97, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Total Dissolved Solids Analysis Run 9/16/2024 3:42 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Exceeds Limit

Prediction Limit Intrawell Parametric

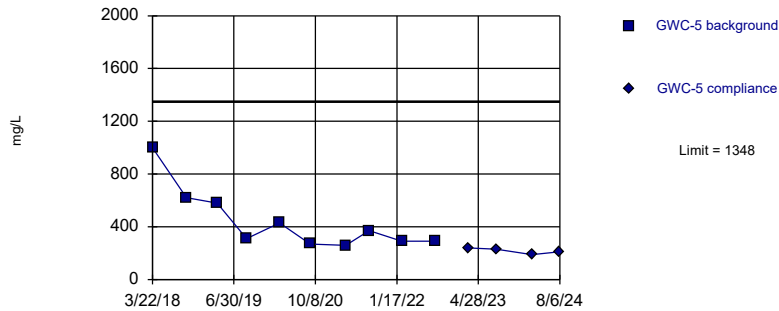


Background Data Summary: Mean=123.4, Std. Dev.=22.1, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9712, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Total Dissolved Solids Analysis Run 9/16/2024 3:42 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Parametric

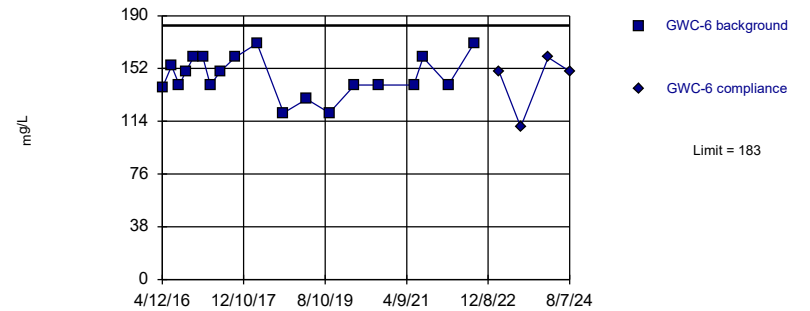


Background Data Summary (based on cube root transformation): Mean=7.445, Std. Dev.=1.178, n=10. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.8472, critical = 0.842. Kappa = 3.058 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Total Dissolved Solids Analysis Run 9/16/2024 3:42 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Parametric

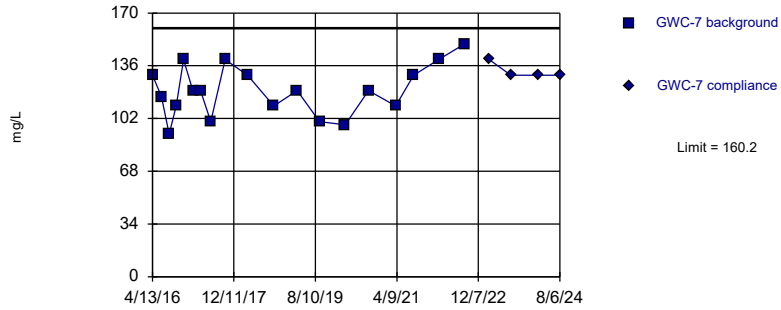


Background Data Summary: Mean=146.4, Std. Dev.=14.75, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9332, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Total Dissolved Solids Analysis Run 9/16/2024 3:42 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Parametric

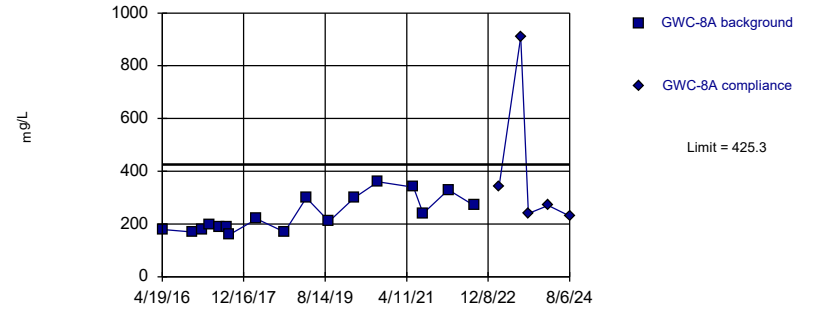


Background Data Summary: Mean=119.8, Std. Dev.=16.3, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9631, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Total Dissolved Solids Analysis Run 9/16/2024 3:42 PM View: Appendix III - Intrawell Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Parametric

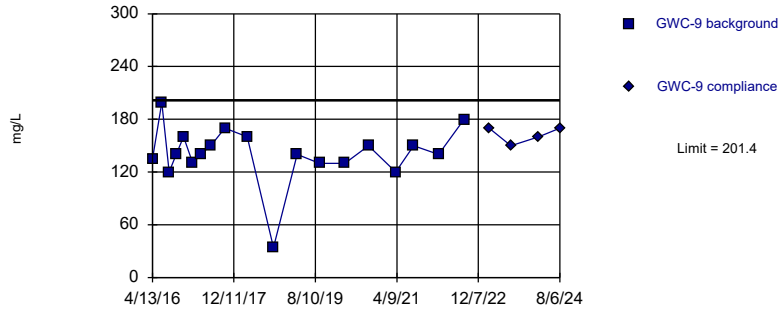


Background Data Summary (based on square root transformation): Mean=15.22, Std. Dev.=2.125, n=17. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.8933, critical = 0.892. Kappa = 2.543 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Total Dissolved Solids Analysis Run 9/16/2024 3:42 PM View: Appendix III - Intrawell Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Parametric



Background Data Summary (based on square transformation): Mean=20889, Std. Dev.=7938, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9326, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Total Dissolved Solids Analysis Run 9/16/2024 3:42 PM View: Appendix III - Intrawell Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15	GWA-15
4/6/2016	<0.08	
6/15/2016	<0.08	
8/10/2016	<0.08	
10/4/2016	<0.08	
11/30/2016	<0.08	
2/7/2017	<0.08	
4/4/2017	<0.08	
6/20/2017	<0.08	
10/4/2017	<0.08	
3/20/2018	<0.08 (D)	
10/2/2018	<0.08	
3/26/2019	<0.08	
9/10/2019	<0.08	
3/18/2020	<0.08	
9/9/2020	<0.08	
4/1/2021	<0.08	
8/11/2021	<0.08	
2/15/2022	<0.08	
8/25/2022	<0.08	
2/28/2023		<0.08
8/3/2023		0.03 (J)
3/4/2024		<0.08
8/6/2024		<0.08

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17	GWA-17
4/6/2016	<0.08	
6/15/2016	0.0028 (J)	
8/10/2016	<0.08	
10/5/2016	<0.08	
11/29/2016	<0.08	
2/7/2017	<0.08	
4/4/2017	<0.08	
6/20/2017	<0.08	
10/5/2017	<0.08	
3/20/2018	<0.08	
10/2/2018	<0.08	
3/26/2019	<0.08	
9/10/2019	<0.08	
3/18/2020	<0.08	
9/9/2020	<0.08	
4/1/2021	<0.08	
8/11/2021	<0.08	
2/15/2022	<0.08	
8/24/2022	<0.08	
2/28/2023		<0.08
8/3/2023		<0.08
2/28/2024		<0.08
8/6/2024		<0.08

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-1	GWC-1
4/12/2016	<0.08	
6/16/2016	<0.08	
8/11/2016	<0.08	
10/4/2016	<0.08	
11/30/2016	<0.08	
2/7/2017	<0.08	
4/5/2017	<0.08	
6/20/2017	<0.08	
10/4/2017	<0.08	
3/20/2018	<0.08	
10/2/2018	<0.08	
3/26/2019	<0.08	
9/10/2019	<0.08	
3/18/2020	<0.08	
9/9/2020	<0.08	
4/1/2021	0.053 (J)	
8/18/2021	<0.08	
2/15/2022	<0.08	
8/24/2022	<0.08	
2/27/2023		<0.08
8/9/2023		<0.08
3/1/2024		<0.08
8/6/2024		<0.08

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-10	GWC-10
4/13/2016	<0.08 (D)	
6/21/2016	<0.08	
8/15/2016	<0.08	
10/5/2016	<0.08	
12/1/2016	<0.08	
2/8/2017	<0.08	
4/6/2017	<0.08	
6/21/2017	<0.08	
10/5/2017	<0.08	
3/21/2018	<0.08	
10/2/2018	<0.08	
3/27/2019	<0.08	
9/11/2019	<0.08	
3/18/2020	<0.08	
9/9/2020	<0.08	
4/1/2021	<0.08	
8/17/2021	<0.08	
2/15/2022	<0.08	
8/25/2022	0.11	
12/28/2022	0.098 (R)	
2/21/2023		<0.08
8/9/2023		<0.08
3/1/2024		<0.08
8/6/2024		<0.08

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-12	GWC-12
4/13/2016	<0.08 (D)	
6/21/2016	<0.08	
8/15/2016	<0.08	
10/5/2016	<0.08	
12/1/2016	<0.08	
2/8/2017	<0.08	
4/5/2017	<0.08	
6/20/2017	<0.08	
10/5/2017	<0.08	
3/21/2018	<0.08 (D)	
10/2/2018	<0.08	
3/26/2019	<0.08	
9/11/2019	<0.08	
3/18/2020	<0.08	
9/10/2020	<0.08	
4/1/2021	<0.08	
8/11/2021	<0.08	
2/16/2022	<0.08	
8/26/2022	<0.08	
2/27/2023		<0.08
8/9/2023		<0.08
2/29/2024		0.024 (J)
8/6/2024		<0.08

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-13	GWC-13
4/13/2016	<0.08 (D)	
6/21/2016	<0.08	
8/15/2016	<0.08	
10/7/2016	<0.08	
12/1/2016	<0.08	
2/9/2017	<0.08	
4/6/2017	<0.08	
6/22/2017	<0.08	
10/6/2017	<0.08	
3/22/2018	<0.08	
10/3/2018	<0.08	
3/26/2019	<0.08	
9/11/2019	<0.08	
3/18/2020	<0.08	
9/10/2020	<0.08	
4/6/2021	0.056 (J)	
8/11/2021	<0.08	
2/16/2022	<0.08	
8/26/2022	<0.08	
2/27/2023		<0.08
8/9/2023		<0.08
3/1/2024		<0.08
8/6/2024		<0.08

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-2	GWC-2
4/12/2016	<0.08	
6/16/2016	<0.08	
8/11/2016	<0.08	
10/4/2016	<0.08	
11/30/2016	<0.08	
2/7/2017	<0.08	
4/6/2017	<0.08	
6/20/2017	<0.08	
10/4/2017	<0.08	
3/20/2018	<0.08	
10/2/2018	<0.08	
3/26/2019	<0.08	
9/10/2019	<0.08	
3/18/2020	<0.08	
9/9/2020	<0.08	
4/1/2021	<0.08	
8/12/2021	<0.08	
2/15/2022	<0.08	
8/26/2022	<0.08	
2/27/2023		<0.08
8/9/2023		<0.08
3/1/2024		0.023 (J)
8/6/2024		<0.08

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-20	GWC-20
4/12/2016	<0.08	
6/16/2016	<0.08	
8/11/2016	<0.08	
10/5/2016	<0.08	
11/30/2016	<0.08	
2/8/2017	<0.08	
4/6/2017	<0.08	
6/21/2017	<0.08	
10/5/2017	<0.08	
3/21/2018	<0.08	
10/3/2018	<0.08	
3/26/2019	<0.08	
9/12/2019	<0.08	
3/19/2020	<0.08	
9/10/2020	<0.08	
4/5/2021	<0.08	
8/11/2021	<0.08	
2/16/2022	<0.08	
8/25/2022	0.12	
12/28/2022	<0.08 (R)	
2/28/2023		<0.08
8/8/2023		<0.08
3/1/2024		0.025 (J)
8/6/2024		<0.08

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-3	GWC-3
4/12/2016	<0.08 (D)	
6/20/2016	<0.08	
8/12/2016	<0.08	
10/5/2016	<0.08	
11/30/2016	<0.08	
2/8/2017	<0.08	
4/6/2017	<0.08	
6/21/2017	<0.08	
10/5/2017	<0.08	
3/21/2018	<0.08	
10/3/2018	<0.08	
3/26/2019	<0.08	
9/10/2019	<0.08	
3/18/2020	<0.08	
9/10/2020	<0.08	
4/6/2021	0.078 (J)	
8/12/2021	<0.08	
2/15/2022	<0.08	
8/25/2022	<0.08	
2/28/2023		<0.08
8/9/2023		<0.08
3/4/2024		<0.08
8/7/2024		<0.08

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-4	GWC-4
4/12/2016	<0.08	
6/20/2016	<0.08	
8/12/2016	<0.08	
10/6/2016	<0.08	
11/30/2016	<0.08	
2/8/2017	<0.08	
4/6/2017	<0.08	
6/22/2017	<0.08	
10/6/2017	<0.08	
3/21/2018	<0.08	
10/3/2018	<0.08	
3/26/2019	<0.08	
9/10/2019	<0.08	
3/19/2020	<0.08	
9/10/2020	<0.08	
4/2/2021	<0.08	
8/12/2021	<0.08	
2/15/2022	<0.08	
8/25/2022	<0.08	
2/27/2023		<0.08
8/8/2023		<0.08
2/29/2024		<0.08
8/7/2024		0.13

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-5
4/19/2016	<0.1	
6/22/2016	0.238	
8/16/2016	0.39	
10/6/2016	0.34	
12/1/2016	0.37	
2/9/2017	0.38	
4/6/2017	0.4	
6/21/2017	0.39	
10/5/2017	0.47	
3/22/2018	0.48	
10/3/2018	0.47	
3/27/2019	0.33	
9/11/2019	0.31	
3/18/2020	0.26	
9/9/2020	0.24	
4/1/2021	0.23	
8/12/2021	0.19	
2/15/2022	0.19	
8/25/2022	0.19	
2/28/2023		0.19
8/8/2023		0.15
2/29/2024		0.17
8/6/2024		0.14

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-6	GWC-6
4/12/2016	<0.08	
6/20/2016	<0.08	
8/12/2016	<0.08	
10/6/2016	<0.08	
11/30/2016	<0.08	
2/9/2017	<0.08	
4/6/2017	<0.08	
6/21/2017	<0.08	
10/6/2017	<0.08	
3/21/2018	<0.08	
10/3/2018	<0.08	
3/26/2019	<0.08	
9/11/2019	<0.08	
3/18/2020	<0.08	
9/10/2020	<0.08	
4/5/2021	0.042 (J)	
8/11/2021	0.057 (J)	
2/15/2022	<0.08	
8/25/2022	<0.08	
2/27/2023		<0.08
8/8/2023		<0.08
2/29/2024		<0.08
8/7/2024		0.085

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-7	GWC-7
4/13/2016	<0.08 (D)	
6/20/2016	<0.08	
8/15/2016	<0.08	
10/6/2016	<0.08	
12/1/2016	<0.08	
2/9/2017	<0.08	
4/7/2017	<0.08	
6/22/2017	<0.08	
10/6/2017	<0.08	
3/22/2018	<0.08	
10/4/2018	<0.08	
3/27/2019	<0.08	
9/11/2019	<0.08	
3/19/2020	<0.08	
9/10/2020	<0.08	
4/1/2021	<0.08	
8/11/2021	0.056 (J)	
2/15/2022	<0.08	
8/25/2022	<0.08	
2/27/2023		<0.08
8/8/2023		<0.08
2/29/2024		<0.08
8/6/2024		<0.08

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-8A	GWC-8A
4/19/2016	0.145	
10/10/2016	0.12	
12/1/2016	0.12	
2/9/2017	0.13	
4/7/2017	0.21	
6/21/2017	0.23	
8/15/2017	0.27	
9/1/2017	0.24	
3/22/2018	0.25	
10/4/2018	0.21	
3/27/2019	0.16	
9/11/2019	0.21	
3/18/2020	0.16	
9/9/2020	0.13	
4/5/2021	0.18	
8/12/2021	0.23	
2/15/2022	0.13	
8/25/2022	0.18	
2/27/2023		0.14
8/8/2023		0.14
2/29/2024		0.15
8/6/2024		0.19

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-9	GWC-9
4/13/2016	0.0774 (JD)	
6/22/2016	0.0663 (J)	
8/15/2016	0.093	
10/6/2016	0.096	
12/1/2016	0.12	
2/8/2017	0.094	
4/6/2017	0.11	
6/21/2017	0.1	
10/5/2017	0.083	
3/21/2018	0.089	
10/2/2018	0.083	
3/27/2019	0.067	
9/11/2019	0.083	
3/18/2020	0.058 (J)	
9/9/2020	0.088	
4/1/2021	0.059 (J)	
8/12/2021	0.1	
2/15/2022	0.07 (J)	
8/25/2022	0.13	
2/27/2023		0.082
8/8/2023		0.087
3/1/2024		0.085
8/6/2024		0.12

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15	GWA-15
4/6/2016	3.62	
6/15/2016	4.5	
8/10/2016	3.8	
10/4/2016	5.3	
11/30/2016	4.7	
2/7/2017	3.8	
4/4/2017	3.8	
6/20/2017	4.1	
10/4/2017	4.6	
3/20/2018	4.2 (D)	
10/2/2018	4.2	
3/26/2019	4	
9/10/2019	4.8	
3/18/2020	3.8	
9/9/2020	4	
4/1/2021	4	
8/11/2021	4.1	
2/15/2022	3.6	
8/25/2022	4.9	
2/28/2023		4.1
8/3/2023		4.7
3/4/2024		3.8
8/6/2024		4.2

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-16	GWA-16
4/6/2016	12.1	
6/15/2016	11.8	
8/10/2016	10	
10/4/2016	14	
11/29/2016	10	
2/7/2017	12	
4/4/2017	11	
6/20/2017	11	
10/5/2017	13	
3/20/2018	12	
10/2/2018	11	
3/26/2019	11	
9/10/2019	12	
3/18/2020	12	
9/9/2020	11	
4/1/2021	12	
8/11/2021	11	
2/15/2022	10	
8/25/2022	13	
2/28/2023		13
8/3/2023		13
2/28/2024		15
8/6/2024		15

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17	GWA-17
4/6/2016	6.58	
6/15/2016	6.9	
8/10/2016	5.5	
10/5/2016	6.8	
11/29/2016	4.8	
2/7/2017	7.8	
4/4/2017	6.4	
6/20/2017	7	
10/5/2017	6.6	
3/20/2018	6.6	
10/2/2018	5.8	
3/26/2019	6.7	
9/10/2019	7.5	
3/18/2020	7.3	
9/9/2020	7.3	
4/1/2021	7.8	
8/11/2021	7.3	
2/15/2022	7.1	
8/24/2022	8.9	
2/28/2023		8.7
8/3/2023		8.3
2/28/2024		9
8/6/2024		9

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-1	GWC-1
4/12/2016	17.1	
6/16/2016	19.8	
8/11/2016	15	
10/4/2016	17	
11/30/2016	16	
2/7/2017	17	
4/5/2017	16	
6/20/2017	17	
10/4/2017	19	
3/20/2018	18	
10/2/2018	16	
3/26/2019	16	
9/10/2019	17	
3/18/2020	19	
9/9/2020	17	
4/1/2021	18	
8/18/2021	18	
2/15/2022	16	
8/24/2022	17	
2/27/2023		19
8/9/2023		18
3/1/2024		18
8/6/2024		18

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-10	GWC-10
4/13/2016	15.6 (D)	
6/21/2016	14.4	
8/15/2016	14	
10/5/2016	17	
12/1/2016	15	
2/8/2017	17	
4/6/2017	16	
6/21/2017	16 (D)	
10/5/2017	19	
3/21/2018	17	
10/2/2018	17	
3/27/2019	16	
9/11/2019	18	
3/18/2020	20	
9/9/2020	20	
4/1/2021	19	
8/17/2021	18	
2/15/2022	17	
8/25/2022	20	
2/21/2023		20
8/9/2023		18
3/1/2024		20
8/6/2024		19

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-11
4/13/2016	12.8 (D)	
6/21/2016	11.6	
8/15/2016	11	
10/5/2016	14	
12/1/2016	12	
2/8/2017	13	
4/6/2017	12	
6/20/2017	13	
10/5/2017	14	
3/21/2018	13	
10/2/2018	12	
3/27/2019	12	
9/11/2019	13	
3/18/2020	14	
9/10/2020	13	
4/1/2021	13	
8/11/2021	13	
2/16/2022	12	
8/25/2022	14	
2/27/2023		14
8/9/2023		14
2/29/2024		14
8/6/2024		13

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-12	GWC-12
4/13/2016	1.18 (D)	
6/21/2016	1.12	
8/15/2016	0.95	
10/5/2016	1	
12/1/2016	0.92	
2/8/2017	1.2	
4/5/2017	1.1	
6/20/2017	0.96	
10/5/2017	1.1	
3/21/2018	1.3 (D)	
10/2/2018	0.86	
3/26/2019	1.1	
9/11/2019	0.94	
3/18/2020	1.6	
9/10/2020	1.1	
4/1/2021	1.2	
8/11/2021	1	
2/16/2022	1.1	
8/26/2022	0.99	
2/27/2023		1.2
8/9/2023		1.1
2/29/2024		1.4
8/6/2024		1.1

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-13	GWC-13
4/13/2016	5.71 (D)	
6/21/2016	5.54	
8/15/2016	5.8	
10/7/2016	6.1	
12/1/2016	5.8	
2/9/2017	6.3	
4/6/2017	5.8	
6/22/2017	6.4 (D)	
10/6/2017	7.4	
3/22/2018	6.8	
10/3/2018	6.4	
3/26/2019	6.3	
9/11/2019	7	
3/18/2020	9.3	
9/10/2020	6.7	
4/6/2021	7.4	
8/11/2021	6.7	
2/16/2022	6.7	
8/26/2022	7.5	
2/27/2023		8.1
8/9/2023		7.7
3/1/2024		7.6
8/6/2024		7.4

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-14	GWC-14
4/13/2016	6.55 (D)	
6/21/2016	6.04	
8/15/2016	5.9	
10/4/2016	6.6	
12/1/2016	5.4	
2/7/2017	6.1	
4/6/2017	6.1	
6/20/2017	6.6	
10/5/2017	7.2	
3/20/2018	6.6	
10/2/2018	6.5	
3/26/2019	6.4	
9/11/2019	7.3	
3/18/2020	6.9	
9/9/2020	6.5	
4/1/2021	6.2	
8/11/2021	6.9	
2/16/2022	6.3	
8/26/2022	7	
2/27/2023		7.3
8/9/2023		7.2
3/1/2024		7.6
8/8/2024		8.3

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-18	GWC-18
4/11/2016	10.5	
6/16/2016	11.6	
8/11/2016	10	
10/5/2016	11	
11/29/2016	9.6	
2/8/2017	10	
4/6/2017	9.7	
6/21/2017	9.7 (D)	
10/5/2017	11	
3/20/2018	11	
10/2/2018	9.6	
3/26/2019	9.6	
9/11/2019	10	
3/18/2020	11	
9/9/2020	10	
4/1/2021	11	
8/11/2021	10	
2/16/2022	9.7	
8/25/2022	11	
2/28/2023		11
8/9/2023		11
2/29/2024		11
8/6/2024		11

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-19
4/11/2016	10.4	
6/16/2016	12.2	
8/11/2016	9.5	
10/5/2016	11	
11/29/2016	9.8	
2/8/2017	10	
4/5/2017	10	
6/21/2017	10 (D)	
10/5/2017	12	
3/20/2018	12	
10/2/2018	11	
3/26/2019	11	
9/12/2019	14	
3/19/2020	14	
9/9/2020	15	
4/5/2021		15
10/7/2021		17
2/16/2022		15
8/25/2022		18
12/28/2022		19 (R)
2/28/2023		18
8/8/2023		18
2/29/2024		19
8/6/2024		20

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-2	GWC-2
4/12/2016	17	
6/16/2016	19.7	
8/11/2016	15	
10/4/2016	18	
11/30/2016	16	
2/7/2017	18	
4/6/2017	16	
6/20/2017	17	
10/4/2017	19	
3/20/2018	18	
10/2/2018	16	
3/26/2019	17	
9/10/2019	18	
3/18/2020	18	
9/9/2020	17	
4/1/2021	17	
8/12/2021	17	
2/15/2022	16	
8/26/2022	18	
2/27/2023		19
8/9/2023		18
3/1/2024		18
8/6/2024		19

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-20	GWC-20
4/12/2016	13.5	
6/16/2016	15	
8/11/2016	12	
10/5/2016	14	
11/30/2016	12	
2/8/2017	14	
4/6/2017	13	
6/21/2017	13 (D)	
10/5/2017	15	
3/21/2018	14	
10/3/2018	13	
3/26/2019	12	
9/12/2019	14	
3/19/2020	14	
9/10/2020	13	
4/5/2021	14	
8/11/2021	14	
2/16/2022	13	
8/25/2022	15	
2/28/2023		16
8/8/2023		16
3/1/2024		17
8/6/2024		17

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-3	GWC-3
4/12/2016	8.52 (D)	
6/20/2016	7.7	
8/12/2016	7.3	
10/5/2016	8.4	
11/30/2016	8	
2/8/2017	9.3	
4/6/2017	8.1	
6/21/2017	9.2 (D)	
10/5/2017	10	
3/21/2018	9.3	
10/3/2018	7.5	
3/26/2019	7.3	
9/10/2019	6.6	
3/18/2020	5.9	
9/10/2020	6.3	
4/6/2021	7.4	
8/12/2021	6.6	
2/15/2022	6	
8/25/2022	5.5	
2/28/2023		5.9
8/9/2023		6.7
3/4/2024		8.9
8/7/2024		10

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-4	GWC-4
4/12/2016	11	
6/20/2016	10.1	
8/12/2016	9.9	
10/6/2016	12	
11/30/2016	11	
2/8/2017	13	
4/6/2017	12	
6/22/2017	13 (D)	
10/6/2017	15	
3/21/2018	15	
10/3/2018	13	
3/26/2019	13	
9/10/2019	12	
3/19/2020	14	
9/10/2020	13	
4/2/2021	15	
8/12/2021	13	
2/15/2022	15	
8/25/2022	17	
12/28/2022		20 (R)
2/27/2023		26
8/8/2023		25
2/29/2024		31
8/7/2024		29

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-5
4/19/2016	198	
6/22/2016	132	
8/16/2016	94	
10/6/2016	100	
12/1/2016	100	
2/9/2017	120	
4/6/2017	140	
6/21/2017	160 (D)	
10/5/2017	130	
3/22/2018	130	
10/3/2018	88	
3/27/2019	75	
9/11/2019	46	
3/18/2020	61	
9/9/2020	35	
4/1/2021	40	
8/12/2021	46	
2/15/2022	36	
8/25/2022	37	
2/28/2023		34
8/8/2023		30
2/29/2024		30
8/6/2024		30

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-6	GWC-6
4/12/2016	17.8	
6/20/2016	19.5	
8/12/2016	17	
10/6/2016	19	
11/30/2016	19	
2/9/2017	18	
4/6/2017	18	
6/21/2017	19 (D)	
10/6/2017	19	
3/21/2018	19	
10/3/2018	16	
3/26/2019	16	
9/11/2019	19	
3/18/2020	15	
9/10/2020	16	
4/5/2021	16	
8/11/2021	16	
2/15/2022	15	
8/25/2022	19	
2/27/2023		17
8/8/2023		15
2/29/2024		20
5/20/2024		14 (R)
8/7/2024		16

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-7	GWC-7
4/13/2016	14 (D)	
6/20/2016	13.8	
8/15/2016	13	
10/6/2016	14	
12/1/2016	13	
2/9/2017	14	
4/7/2017	14	
6/22/2017	14 (D)	
10/6/2017	16	
3/22/2018	15	
10/4/2018	13	
3/27/2019	14	
9/11/2019	14	
3/19/2020	15	
9/10/2020	15	
4/1/2021	15	
8/11/2021	14	
2/15/2022	13	
8/25/2022	16	
2/27/2023		16
8/8/2023		15
2/29/2024		17
5/7/2024		17 (R)
8/6/2024		17

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-8A	GWC-8A
4/19/2016	20	
10/10/2016	19	
12/1/2016	18	
2/9/2017	20	
4/7/2017	27	
6/21/2017	27 (D)	
8/15/2017	29	
9/1/2017	32	
3/22/2018	30	
10/4/2018	37	
3/27/2019		47
9/11/2019		37
3/18/2020		53
9/9/2020		64
4/5/2021		52
8/12/2021		37
2/15/2022		49
8/25/2022		39
2/27/2023		64
8/8/2023		53
2/29/2024		49
8/6/2024		36

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-9	GWC-9
4/13/2016	18 (D)	
6/22/2016	16.7	
8/15/2016	16	
10/6/2016	17	
12/1/2016	17	
2/8/2017	18	
4/6/2017	17	
6/21/2017	17 (D)	
10/5/2017	19	
3/21/2018	19	
10/2/2018	16	
3/27/2019	16	
9/11/2019	17	
3/18/2020	16	
9/9/2020	16	
4/1/2021	16	
8/12/2021	18	
2/15/2022	16	
8/25/2022	21	
12/28/2022	18 (R)	
2/27/2023		20
8/8/2023		18
3/1/2024		20
8/6/2024		22

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15	GWA-15
4/6/2016	5.342	
6/15/2016	5.2	
8/10/2016	5.5	
10/4/2016	5.4	
11/30/2016	5.4	
2/7/2017	5.1	
4/4/2017	5.1	
6/20/2017	5.2	
10/4/2017	5.2	
3/20/2018	5.6 (D)	
10/2/2018	6.3	
3/26/2019	5.5	
9/10/2019	5.2	
3/18/2020	5.4	
9/9/2020	6.1	
4/1/2021	7	
8/11/2021	7.2	
2/15/2022	6.5	
8/25/2022	6.9	
2/28/2023		6.3
8/3/2023		6.3
3/4/2024		5.6
8/6/2024		6

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-16	GWA-16
4/6/2016	1.789	
6/15/2016	2.1	
8/10/2016	1.8	
10/4/2016	1.7	
11/29/2016	1.7	
2/7/2017	1.6	
4/4/2017	1.6	
6/20/2017	1.6	
10/5/2017	1.5	
3/20/2018	1.5	
10/2/2018	1.6	
3/26/2019	1.5	
9/10/2019	1.4	
3/18/2020	1.7	
9/9/2020	1.6	
4/1/2021	1.8	
8/11/2021	1.8	
2/15/2022	1.6	
8/25/2022	1.6	
2/28/2023		1.7
8/3/2023		1.6
2/28/2024		1.6
8/6/2024		1.7

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17	GWA-17
4/6/2016	1.69	
6/15/2016	1.9	
8/10/2016	1.7	
10/5/2016	1.6	
11/29/2016	1.7	
2/7/2017	1.6	
4/4/2017	1.5	
6/20/2017	1.5	
10/5/2017	1.5	
3/20/2018	1.4	
10/2/2018	1.5	
3/26/2019	1.3	
9/10/2019	1.3	
3/18/2020	2	
9/9/2020	1.3	
4/1/2021	1.5	
8/11/2021	1.4	
2/15/2022	1.4	
8/24/2022	1.4	
2/28/2023		1.4
8/3/2023		1.3
2/28/2024		1.4
8/6/2024		1.4

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-1	GWC-1
4/12/2016	4.32	
6/16/2016	3.8	
8/11/2016	4	
10/4/2016	3.6	
11/30/2016	3.8	
2/7/2017	4.3	
4/5/2017	4.1	
6/20/2017	3.9	
10/4/2017	3.6	
3/20/2018	3.9	
10/2/2018	3.7	
3/26/2019	3.6	
9/10/2019	2.9	
3/18/2020	4.2	
9/9/2020	3.9	
4/1/2021	4.2	
8/18/2021	4	
2/15/2022	4	
8/24/2022	3.6	
2/27/2023		3.8
8/9/2023		3.5
3/1/2024		4.2
8/6/2024		3.5

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-10	GWC-10
4/13/2016	2.04 (D)	
6/21/2016	2.2	
8/15/2016	2.2	
10/5/2016	2.1	
12/1/2016	2.1	
2/8/2017	2.3	
4/6/2017	2.2	
6/21/2017	2.3	
10/5/2017	2.3	
3/21/2018	2.3	
10/2/2018	2.6	
3/27/2019	2.4	
9/11/2019	2.9	
3/18/2020	4.1	
9/9/2020	4.3	
4/1/2021	4.4	
8/17/2021	3.1	
2/15/2022	4.6	
8/25/2022	5	
2/21/2023		4.3
8/9/2023		3.7
3/1/2024		5
8/6/2024		5.2

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-11
4/13/2016	1.78 (D)	
6/21/2016	2	
8/15/2016	1.9	
10/5/2016	1.8	
12/1/2016	1.8	
2/8/2017	1.8	
4/6/2017	1.7	
6/20/2017	1.7	
10/5/2017	1.7	
3/21/2018	1.6	
10/2/2018	1.7	
3/27/2019	1.5	
9/11/2019	1.8	
3/18/2020	1.9	
9/10/2020	1.9	
4/1/2021	1.9	
8/11/2021	1.8	
2/16/2022	1.7	
8/25/2022	1.8	
2/27/2023		1.8
8/9/2023		1.7
2/29/2024		2.2
8/6/2024		1.9

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-12	GWC-12
4/13/2016	1.8 (D)	
6/21/2016	2	
8/15/2016	1.8	
10/5/2016	1.7	
12/1/2016	1.7	
2/8/2017	1.7	
4/5/2017	1.7	
6/20/2017	1.6	
10/5/2017	1.6	
3/21/2018	1.6 (D)	
10/2/2018	1.6	
3/26/2019	1.7	
9/11/2019	1.9	
3/18/2020	2.1	
9/10/2020	1.8	
4/1/2021	2	
8/11/2021	1.8	
2/16/2022	1.9	
8/26/2022	1.7	
2/27/2023		1.9
8/9/2023		1.8
2/29/2024		2.3
8/6/2024		2

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-13	GWC-13
4/13/2016	1.82 (D)	
6/21/2016	1.9	
8/15/2016	1.6	
10/7/2016	1.5	
12/1/2016	1.4	
2/9/2017	1.5	
4/6/2017	1.4	
6/22/2017	1.5	
10/6/2017	1.3	
3/22/2018	1.4	
10/3/2018	1.5	
3/26/2019	1.6	
9/11/2019	1.5	
3/18/2020	1.6	
9/10/2020	1.7	
4/6/2021	1.8	
8/11/2021	1.6	
2/16/2022	1.5	
8/26/2022	1.5	
2/27/2023		1.5
8/9/2023		1.4
3/1/2024		1.8
8/6/2024		1.5

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-14	GWC-14
4/13/2016	2.71 (D)	
6/21/2016	3	
8/15/2016	3.1	
10/4/2016	3	
12/1/2016	3.1	
2/7/2017	2.9	
4/6/2017	2.7	
6/20/2017	2.9	
10/5/2017	2.8	
3/20/2018	2.7	
10/2/2018	3	
3/26/2019	2.5	
9/11/2019	3.1	
3/18/2020	3	
9/9/2020	2.9	
4/1/2021	3.8	
8/11/2021	3.7	
2/16/2022	3.2	
8/26/2022	3.3	
2/27/2023		3.5
8/9/2023		3.5
3/1/2024		4.7
8/8/2024		4.4

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-18	GWC-18
4/11/2016	2.53	
6/16/2016	2.5	
8/11/2016	2.6	
10/5/2016	2.5	
11/29/2016	2.4	
2/8/2017	2.5	
4/6/2017	2.4	
6/21/2017	2.4	
10/5/2017	2.3	
3/20/2018	2.3	
10/2/2018	2.5	
3/26/2019	2.7	
9/11/2019	2.6	
3/18/2020	2.7	
9/9/2020	2.8	
4/1/2021	2.8	
8/11/2021	2.9	
2/16/2022	2.7	
8/25/2022	2.8	
2/28/2023		2.8
8/9/2023		2.6
2/29/2024		3.2
8/6/2024		2.8

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-19
4/11/2016	1.84	
6/16/2016	1.9	
8/11/2016	1.9	
10/5/2016	1.7	
11/29/2016	1.7	
2/8/2017	1.7	
4/5/2017	1.7	
6/21/2017	1.7	
10/5/2017	1.6	
3/20/2018	1.6	
10/2/2018	1.7	
3/26/2019	1.8	
9/12/2019	1.5	
3/19/2020	2.2	
9/9/2020	2.4	
6/1/2021	2.6	
8/11/2021	2.8	
2/16/2022	2.4	
8/25/2022	2.4	
2/28/2023		2.6
8/8/2023		2.6
2/29/2024		3.1
8/6/2024		2.8

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-2	GWC-2
4/12/2016	2.34	
6/16/2016	2.4	
8/11/2016	2.4	
10/4/2016	2.2	
11/30/2016	2.2	
2/7/2017	2.1	
4/6/2017	2.1	
6/20/2017	2.1	
10/4/2017	2	
3/20/2018	2	
10/2/2018	2	
3/26/2019	1.9	
9/10/2019	1.7	
3/18/2020	2.4	
9/9/2020	2	
4/1/2021	2.5	
8/12/2021	2.5	
2/15/2022	2.2	
8/26/2022	2.1	
2/27/2023		2.2
8/9/2023		2.1
3/1/2024		2.5
8/6/2024		2.2

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-20	GWC-20
4/12/2016	2.03	
6/16/2016	2.2	
8/11/2016	2.1	
10/5/2016	1.9	
11/30/2016	2	
2/8/2017	2	
4/6/2017	<1	
6/21/2017	1.9	
10/5/2017	1.9	
3/21/2018	1.8	
10/3/2018	2	
3/26/2019	1.9	
9/12/2019	1.6	
3/19/2020	2.2	
9/10/2020	2.1	
6/1/2021	2.1	
8/11/2021	2.1	
2/16/2022	2	
8/25/2022	2.1	
2/28/2023		2.2
8/8/2023		2.2
3/1/2024		2.5
8/6/2024		2.3

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-3	GWC-3
4/12/2016	3.04 (D)	
6/20/2016	3.1	
8/16/2016	3.2	
10/5/2016	3.2	
11/30/2016	3.3	
2/8/2017	3.5	
4/6/2017	3.4	
6/21/2017	3.5	
10/5/2017	3.5	
3/21/2018	3.4	
10/3/2018	3.5	
3/26/2019	3	
9/10/2019	2.5	
3/18/2020	2.8	
9/10/2020	2.7	
4/6/2021	2.9	
8/12/2021	3.3	
2/15/2022	2.7	
8/25/2022	3.2	
2/28/2023		3.1
8/9/2023		3.2
3/4/2024		3
8/7/2024		2.7

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-4	GWC-4
4/12/2016	4.57	
6/20/2016	3.1	
8/16/2016	3.2	
10/6/2016	3.4	
11/30/2016	4.1	
2/8/2017	7.2	
4/6/2017	7.4	
6/22/2017	7.8	
10/6/2017	9.1	
3/21/2018	13	
10/3/2018	13	
3/26/2019	9.2	
9/10/2019	5.1	
3/19/2020	8.7	
9/10/2020	9.7	
4/2/2021	11	
8/12/2021	12	
2/15/2022	11	
8/25/2022	11	
2/27/2023		16
5/2/2023		24
8/8/2023		16
2/29/2024		21
5/20/2024		28 (R)
8/7/2024		19

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-5
4/19/2016	124 (o)	
6/22/2016	81	
8/16/2016	71	
10/6/2016	68	
12/1/2016	74	
2/9/2017	76	
4/6/2017	92	
6/21/2017	100	
10/5/2017	67	
3/22/2018	74	
10/3/2018	46	
3/27/2019	42	
9/11/2019	19	
3/18/2020	30	
9/9/2020	8.7	
4/1/2021	18	
8/12/2021	22	
2/15/2022	16	
8/25/2022	12	
2/28/2023		11
8/8/2023		8.2
2/29/2024		8.2
8/6/2024		8.1

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-6	GWC-6
6/20/2016	6.8	
8/16/2016	7.6	
10/6/2016	7.3	
11/30/2016	7.1	
2/9/2017	5.8	
4/6/2017	5.7	
6/21/2017	6.1	
10/6/2017	5.1	
3/21/2018	5.4	
10/3/2018	5.7	
3/26/2019	4.2	
9/11/2019	7.2	
3/18/2020	4	
9/10/2020	6.3	
6/2/2021	6.3	
8/11/2021	6.5	
2/15/2022	6.1	
8/25/2022	6.2	
2/27/2023		5.2
8/8/2023		5.5
2/29/2024		7
8/7/2024		5.9

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-7	GWC-7
4/13/2016	1.68 (D)	
6/20/2016	2	
8/15/2016	1.8	
10/6/2016	1.7	
12/1/2016	1.7	
2/9/2017	1.7	
4/7/2017	1.7	
6/22/2017	1.6	
10/6/2017	1.6	
3/22/2018	1.6	
10/4/2018	1.7	
3/27/2019	1.7	
9/11/2019	2.1	
3/19/2020	2.1	
9/10/2020	2.5	
4/1/2021	2.9	
8/11/2021	3	
2/15/2022	2.7	
8/25/2022	3	
2/27/2023		3.5
8/8/2023		3.8
2/29/2024		4.8
8/6/2024		4.9

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-8A	GWC-8A
4/19/2016	6.9	
10/10/2016	7.2	
12/1/2016	7.1	
2/9/2017	7.2	
4/7/2017	7.5	
6/21/2017	7.6	
8/15/2017	7.8	
9/1/2017	7.6	
3/22/2018	7	
10/4/2018	6.1	
3/27/2019	6.6	
9/11/2019	7	
3/18/2020	8.5	
9/9/2020	11	
6/1/2021	9.4	
8/12/2021	7.8	
2/15/2022	9.1	
8/25/2022	7.5	
2/27/2023		8.8
8/8/2023		8.2
2/29/2024		8.1
8/6/2024		6.8

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-9	GWC-9
4/13/2016	3.64 (D)	
6/22/2016	3.8	
8/15/2016	3.7	
10/6/2016	3.4	
12/1/2016	4	
2/8/2017	4	
4/6/2017	4	
6/21/2017	3.3	
10/5/2017	3.3	
3/21/2018	3.6	
10/2/2018	3.1	
3/27/2019	3	
9/11/2019	3.4	
3/18/2020	3.4	
9/9/2020	3.2	
4/1/2021	4.3	
8/12/2021	4.1	
2/15/2022	3.7	
8/25/2022	4.2	
2/27/2023		4.2
8/8/2023		4
3/1/2024		5.2
8/6/2024		5.2

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15	GWA-15
4/6/2016	0.017 (J)	
6/15/2016	<0.1	
8/10/2016	<0.1	
10/4/2016	<0.1	
11/30/2016	<0.1	
2/7/2017	<0.1	
4/4/2017	<0.1	
6/20/2017	<0.1	
10/4/2017	<0.1	
3/20/2018	<0.1 (D)	
10/2/2018	<0.1	
3/26/2019	<0.1	
9/10/2019	<0.1	
3/18/2020	0.036 (J)	
9/9/2020	<0.1	
4/1/2021	<0.1	
8/11/2021	0.036 (J)	
2/15/2022	0.054 (J)	
8/25/2022	<0.1	
2/28/2023		0.077 (J)
8/3/2023		<0.1
3/4/2024		<0.1
8/6/2024		<0.1

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-16	GWA-16
4/6/2016	0.048 (J)	
6/15/2016	<0.1	
8/10/2016	<0.1	
10/4/2016	<0.1	
11/29/2016	<0.1	
2/7/2017	<0.1	
4/4/2017	<0.1	
6/20/2017	<0.1	
10/5/2017	<0.1	
3/20/2018	<0.1	
10/2/2018	<0.1	
3/26/2019	0.041 (J)	
9/10/2019	0.047 (J)	
3/18/2020	0.041 (J)	
9/9/2020	0.034 (J)	
4/1/2021	0.035 (J)	
8/11/2021	0.05 (J)	
2/15/2022	0.079 (J)	
8/25/2022	0.047 (J)	
2/28/2023		0.089 (J)
8/3/2023		0.074 (J)
2/28/2024		<0.1
8/6/2024		<0.1

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17	GWA-17
4/6/2016	0.039 (J)	
6/15/2016	<0.1	
8/10/2016	<0.1	
10/5/2016	<0.1	
11/29/2016	<0.1	
2/7/2017	<0.1	
4/4/2017	<0.1	
6/20/2017	<0.1	
10/5/2017	<0.1	
3/20/2018	<0.1	
10/2/2018	<0.1	
3/26/2019	0.042 (J)	
9/10/2019	0.046 (J)	
3/18/2020	0.071 (J)	
9/9/2020	0.036 (J)	
4/1/2021	0.042 (J)	
8/11/2021	0.053 (J)	
2/15/2022	0.083 (J)	
8/24/2022	0.047 (J)	
2/28/2023		0.067 (J)
8/3/2023		0.068 (J)
2/28/2024		<0.1
8/6/2024		<0.1

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-1	GWC-1
4/12/2016	0.087 (J)	
6/16/2016	0.04 (J)	
8/11/2016	0.092 (J)	
10/4/2016	<0.1	
11/30/2016	0.091 (J)	
2/7/2017	<0.1	
4/5/2017	<0.1	
6/20/2017	0.082 (J)	
10/4/2017	<0.1	
3/20/2018	<0.1	
10/2/2018	0.089 (J)	
3/26/2019	0.072 (J)	
9/10/2019	0.077 (J)	
3/18/2020	0.098 (J)	
9/9/2020	0.069 (J)	
4/1/2021	0.081 (J)	
10/18/2021	0.081 (J)	
2/15/2022	0.12	
5/12/2022	0.048 (J,R)	
8/24/2022	0.075 (J)	
2/27/2023		0.08 (J)
8/9/2023		0.11
3/1/2024		<0.1
8/6/2024		0.079 (J)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-10	GWC-10
4/13/2016	0.082 (JD)	
6/21/2016	0.02 (J)	
8/15/2016	<0.1	
10/5/2016	<0.1	
12/1/2016	<0.1	
2/8/2017	<0.1	
4/6/2017	<0.1	
6/21/2017	<0.1	
10/5/2017	<0.1	
3/21/2018	<0.1	
10/2/2018	<0.1	
3/27/2019	0.077 (J)	
9/11/2019	0.067 (J)	
3/18/2020	0.088 (J)	
9/9/2020	0.055 (J)	
4/1/2021	0.086 (J)	
8/17/2021	0.083 (J)	
2/15/2022	0.099 (J)	
8/25/2022	0.065 (J)	
2/21/2023		0.061 (J)
8/9/2023		0.083 (J)
3/1/2024		<0.1
8/6/2024		0.064 (J)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-11
4/13/2016	0.061 (JD)	
6/21/2016	0.03 (J)	
8/15/2016	<0.1	
10/5/2016	<0.1	
12/1/2016	<0.1	
2/8/2017	<0.1	
4/6/2017	<0.1	
6/20/2017	<0.1	
10/5/2017	<0.1	
3/21/2018	<0.1	
10/2/2018	<0.1	
3/27/2019	0.048 (J)	
9/11/2019	0.054 (J)	
3/18/2020	0.064 (J)	
9/10/2020	0.052 (J)	
4/1/2021	0.042 (J)	
8/11/2021	0.051 (J)	
2/16/2022	<0.1	
8/25/2022	0.059 (J)	
2/27/2023		0.064 (J)
8/9/2023		0.071 (J)
2/29/2024		<0.1
8/6/2024		<0.1

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-12	GWC-12
4/13/2016	0.01 (JD)	
6/21/2016	<0.1	
8/15/2016	<0.1	
10/5/2016	<0.1	
12/1/2016	<0.1	
2/8/2017	<0.1	
4/5/2017	<0.1	
6/20/2017	<0.1	
10/5/2017	<0.1	
3/21/2018	<0.1 (D)	
10/2/2018	<0.1	
3/26/2019	0.026 (J)	
9/11/2019	0.039 (J)	
3/18/2020	0.046 (J)	
9/10/2020	<0.1	
4/1/2021	<0.1	
8/11/2021	0.029 (J)	
2/16/2022	<0.1	
8/26/2022	0.026 (J)	
2/27/2023		0.032 (J)
8/9/2023		<0.1
2/29/2024		<0.1
8/6/2024		<0.1

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-13	GWC-13
4/13/2016	0.039 (JD)	
6/21/2016	<0.1	
8/15/2016	<0.1	
10/7/2016	<0.1	
12/1/2016	<0.1	
2/9/2017	<0.1	
4/6/2017	<0.1	
6/22/2017	<0.1	
10/6/2017	<0.1	
3/22/2018	<0.1	
10/3/2018	<0.1	
3/26/2019	0.04 (J)	
9/11/2019	0.051 (J)	
3/18/2020	0.055 (J)	
9/10/2020	0.034 (J)	
4/6/2021	0.026 (J)	
8/11/2021	0.045 (J)	
2/16/2022	<0.1	
8/26/2022	0.055 (J)	
2/27/2023		0.055 (J)
8/9/2023		0.06 (J)
3/1/2024		<0.1
8/6/2024		<0.1

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-14	GWC-14
4/13/2016	0.027 (JD)	
6/21/2016	<0.1	
8/15/2016	<0.1	
10/4/2016	<0.1	
12/1/2016	<0.1	
2/7/2017	<0.1	
4/6/2017	<0.1	
6/20/2017	<0.1	
10/5/2017	<0.1	
3/20/2018	<0.1	
10/2/2018	<0.1	
3/26/2019	0.034 (J)	
9/11/2019	0.045 (J)	
3/18/2020	0.068 (J)	
9/9/2020	<0.1	
4/1/2021	<0.1	
8/11/2021	0.045 (J)	
2/16/2022	<0.1	
8/26/2022	0.068 (J)	
2/27/2023		0.047 (J)
8/9/2023		<0.1
3/1/2024		<0.1
8/8/2024		<0.1

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-18	GWC-18
4/11/2016	0.047 (J)	
6/16/2016	<0.1	
8/11/2016	<0.1	
10/5/2016	<0.1	
11/29/2016	<0.1	
2/8/2017	<0.1	
4/6/2017	<0.1	
6/21/2017	<0.1	
10/5/2017	<0.1	
3/20/2018	<0.1	
10/2/2018	<0.1	
3/26/2019	0.046 (J)	
9/11/2019	0.055 (J)	
3/18/2020	<0.1	
9/9/2020	0.045 (J)	
4/1/2021	0.041 (J)	
8/11/2021	0.062 (J)	
2/16/2022	0.034 (J)	
8/25/2022	0.047 (J)	
2/28/2023		0.12
8/9/2023		0.066 (J)
2/29/2024		<0.1
8/6/2024		<0.1

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-19
4/11/2016	0.048 (J)	
6/16/2016	<0.1	
8/11/2016	<0.1	
10/5/2016	<0.1	
11/29/2016	<0.1	
2/8/2017	<0.1	
4/5/2017	<0.1	
6/21/2017	<0.1	
10/5/2017	<0.1	
3/20/2018	<0.1	
10/2/2018	<0.1	
3/26/2019	0.04 (J)	
9/12/2019	0.032 (J)	
3/19/2020	<0.1	
9/9/2020	0.034 (J)	
6/1/2021	0.026 (J)	
8/11/2021	0.047 (J)	
2/16/2022	0.028 (J)	
8/25/2022	0.042 (J)	
2/28/2023		0.079 (J)
8/8/2023		0.067 (J)
2/29/2024		<0.1
8/6/2024		<0.1

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-2	GWC-2
4/12/2016	0.046 (J)	
6/16/2016	<0.1	
8/11/2016	<0.1	
10/4/2016	<0.1	
11/30/2016	<0.1	
2/7/2017	<0.1	
4/6/2017	<0.1	
6/20/2017	<0.1	
10/4/2017	<0.1	
3/20/2018	<0.1	
10/2/2018	<0.1	
3/26/2019	0.046 (J)	
9/10/2019	0.048 (J)	
3/18/2020	0.055 (J)	
9/9/2020	0.033 (J)	
4/1/2021	0.043 (J)	
8/12/2021	0.054 (J)	
2/15/2022	0.072 (J)	
8/26/2022	0.048 (J)	
2/27/2023		0.055 (J)
8/9/2023		0.068 (J)
3/1/2024		<0.1
8/6/2024		0.049 (J)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-20	GWC-20
4/12/2016	0.056 (J)	
6/16/2016	<0.1	
8/11/2016	<0.1	
10/5/2016	<0.1	
11/30/2016	<0.1	
2/8/2017	<0.1	
4/6/2017	<0.1	
6/21/2017	<0.1	
10/5/2017	<0.1	
3/21/2018	<0.1	
10/3/2018	<0.1	
3/26/2019	0.045 (J)	
9/12/2019	0.044 (J)	
3/19/2020	<0.1	
9/10/2020	0.051 (J)	
6/1/2021	0.033 (J)	
8/11/2021	0.051 (J)	
2/16/2022	<0.1	
8/25/2022	0.05 (J)	
2/28/2023		0.089 (J)
8/8/2023		0.053 (J)
3/1/2024		<0.1
8/6/2024		<0.1

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-3	GWC-3
4/12/2016	0.057 (JD)	
6/20/2016	0.04 (J)	
8/16/2016	<0.1	
10/5/2016	<0.1	
11/30/2016	<0.1	
2/8/2017	<0.1	
4/6/2017	<0.1	
6/21/2017	<0.1	
10/5/2017	<0.1	
3/21/2018	<0.1	
10/3/2018	<0.1	
3/26/2019	0.046 (J)	
9/10/2019	0.058 (J)	
3/18/2020	0.091 (J)	
9/10/2020	0.063 (J)	
4/6/2021	0.045 (J)	
8/12/2021	0.084 (J)	
2/15/2022	0.092 (J)	
8/25/2022	0.059 (J)	
2/28/2023		0.08 (J)
8/9/2023		0.076 (J)
3/4/2024		<0.1
8/7/2024		0.059 (J)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-4	GWC-4
4/12/2016	0.121 (J)	
6/20/2016	0.04 (J)	
8/16/2016	0.13 (J)	
10/6/2016	0.1 (J)	
11/30/2016	0.13 (J)	
2/8/2017	0.093 (J)	
4/6/2017	0.1 (J)	
6/22/2017	0.11 (J)	
10/6/2017	0.096 (J)	
3/21/2018	0.094 (J)	
10/3/2018	0.1 (J+X)	
3/26/2019	0.087 (J)	
9/10/2019	0.097 (J)	
3/19/2020	0.038 (J)	
9/10/2020	0.1	
4/2/2021	0.097 (J)	
8/12/2021	0.11	
2/15/2022	0.13	
8/25/2022	0.077 (J)	
2/27/2023		0.075 (J)
8/8/2023		0.1
2/29/2024		<0.1
8/7/2024		<0.1

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-5
4/19/2016	0.024 (J)	
6/22/2016	<0.1	
8/16/2016	<0.1	
10/6/2016	<0.1	
12/1/2016	<0.1	
2/9/2017	<0.1	
4/6/2017	<0.1	
6/21/2017	<0.1	
10/5/2017	<0.1	
3/22/2018	<0.1	
10/3/2018	<0.1	
3/27/2019	0.038 (J)	
9/11/2019	0.045 (J)	
3/18/2020	0.055 (J)	
9/9/2020	0.033 (J)	
4/1/2021	0.029 (J)	
8/12/2021	0.045 (J)	
2/15/2022	0.16	
5/12/2022	0.03 (J,R)	
8/25/2022	0.047 (J)	
2/28/2023		0.065 (J)
8/8/2023		0.066 (J)
2/29/2024		<0.1
8/6/2024		<0.1

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-6	GWC-6
4/12/2016	0.061 (J)	
6/20/2016	<0.1	
8/16/2016	<0.1	
10/6/2016	<0.1	
11/30/2016	<0.1	
2/9/2017	<0.1	
4/6/2017	<0.1	
6/21/2017	<0.1	
10/6/2017	<0.1	
3/21/2018	<0.1	
10/3/2018	<0.1	
3/26/2019	0.058 (J)	
9/11/2019	0.058 (J)	
3/18/2020	0.082 (J)	
9/10/2020	0.052 (J)	
6/2/2021	0.038 (J)	
8/11/2021	0.055 (J)	
2/15/2022	0.095 (J)	
8/25/2022	0.058 (J)	
2/27/2023		0.072 (J)
8/8/2023		0.1
2/29/2024		<0.1
8/7/2024		0.065 (J)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-7	GWC-7
4/13/2016	0.061 (JD)	
6/20/2016	0.12 (J)	
8/15/2016	<0.1	
10/6/2016	<0.1	
12/1/2016	<0.1	
2/9/2017	<0.1	
4/7/2017	<0.1	
6/22/2017	<0.1	
10/6/2017	<0.1	
3/22/2018	<0.1	
10/4/2018	<0.1	
3/27/2019	0.04 (J)	
9/11/2019	0.057 (J)	
3/19/2020	<0.1	
9/10/2020	0.053 (J)	
4/1/2021	0.072 (J)	
8/11/2021	0.058 (J)	
2/15/2022	0.083 (J)	
8/25/2022	0.051 (J)	
2/27/2023		0.054 (J)
8/8/2023		0.084 (J)
2/29/2024		<0.1
8/6/2024		0.048 (J)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-8A	GWC-8A
4/19/2016	0.135 (J)	
10/10/2016	0.12 (J)	
12/1/2016	0.12 (J)	
2/9/2017	0.11 (J)	
4/7/2017	0.15 (J)	
6/21/2017	0.21	
8/15/2017	0.1 (J)	
9/1/2017	0.084 (J)	
3/22/2018	0.091 (J)	
10/4/2018	0.14 (J+X)	
3/27/2019	0.071 (J)	
9/11/2019	0.071 (J)	
3/18/2020	0.073 (J)	
9/9/2020	0.038 (J)	
6/1/2021	0.034 (J)	
8/12/2021	0.087 (J)	
2/15/2022	0.096 (J)	
8/25/2022	0.059 (J)	
2/27/2023		0.097 (J)
8/8/2023		0.053 (J)
2/29/2024		<0.1
8/6/2024		<0.1

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-9	GWC-9
4/13/2016	0.083 (JD)	
6/22/2016	0.03 (J)	
8/15/2016	<0.1	
10/6/2016	<0.1	
12/1/2016	<0.1	
2/8/2017	<0.1	
4/6/2017	<0.1	
6/21/2017	<0.1	
10/5/2017	0.084 (J)	
3/21/2018	<0.1	
10/2/2018	<0.1	
3/27/2019	0.066 (J)	
9/11/2019	0.067 (J)	
3/18/2020	0.096 (J)	
9/9/2020	0.067 (J)	
4/1/2021	0.072 (J)	
8/12/2021	0.085 (J)	
2/15/2022	0.096 (J)	
8/25/2022	0.064 (J)	
2/27/2023		0.07 (J)
8/8/2023		0.088 (J)
3/1/2024		<0.1
8/6/2024		0.07 (J)

Prediction Limit

Constituent: pH (S.U.) Analysis Run 9/16/2024 3:59 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15	GWA-15
5/20/2014	5.27	
11/12/2014	5.7	
5/22/2015	5.52	
11/11/2015	5.63	
4/6/2016	5.5 (D)	
6/15/2016	5.52	
8/10/2016	5.5	
10/4/2016	5.56	
11/30/2016	5.46	
2/7/2017	5.28	
4/1/2017	5.48	
4/4/2017	5.48	
6/20/2017	5.44	
10/4/2017	5.44	
3/20/2018	5.48	
10/2/2018	5.49	
3/26/2019	5.41	
3/18/2020	5.42	
9/9/2020	5.71	
4/1/2021	5.31	
8/11/2021	5.5	
2/15/2022	5.4	
8/25/2022	5.4	
2/28/2023		5.4
8/3/2023		5.48
3/4/2024		5.24
8/6/2024		5.48

Prediction Limit

Constituent: pH (S.U.) Analysis Run 9/16/2024 3:59 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-16	GWA-16
5/20/2014	6.18	
11/8/2014	6.52	
5/22/2015	6.3	
11/11/2015	6.36	
4/6/2016	6.46 (D)	
6/15/2016	6.39	
8/10/2016	6.39	
10/4/2016	6.4	
11/29/2016	6.36	
2/7/2017	6.45	
4/4/2017	6.37	
6/20/2017	6.4	
10/5/2017	6.42	
3/20/2018	6.36	
10/2/2018	6.38	
3/26/2019	6.42	
3/18/2020	6.29	
9/9/2020	6.33	
4/1/2021	6.44	
8/11/2021	6.35	
2/15/2022	6.46	
8/25/2022	6.42	
2/28/2023		6.45
8/3/2023		6.24
2/28/2024		6.49
8/6/2024		6.35

Prediction Limit

Constituent: pH (S.U.) Analysis Run 9/16/2024 3:59 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17	GWA-17
5/20/2014	5.68	
11/8/2014	6.04	
5/22/2015	5.87	
11/9/2015	5.97	
4/6/2016	5.937 (D)	
6/15/2016	5.96	
8/10/2016	5.94	
10/5/2016	5.86	
11/29/2016	5.82	
2/7/2017	6.15	
4/4/2017	6	
6/20/2017	6.34	
10/5/2017	5.93	
3/20/2018	5.97	
10/2/2018	6.03	
3/26/2019	6.12	
3/18/2020	6.03	
9/9/2020	6.05	
4/1/2021	6.14	
8/11/2021	6.14	
2/15/2022	6.2	
8/24/2022	6.22	
2/28/2023		6.19
8/3/2023		6.22
2/28/2024		6.41
8/6/2024		6.21

Prediction Limit

Constituent: pH (S.U.) Analysis Run 9/16/2024 3:59 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-1	GWC-1
5/23/2014	6.46	
11/13/2014	6.67	
5/23/2015	6.53	
11/11/2015	6.71	
4/12/2016	6.53 (D)	
6/16/2016	6.49	
8/11/2016	6.5	
10/4/2016	6.5	
11/30/2016	6.48	
2/7/2017	6.38	
4/5/2017	6.36	
6/20/2017	6.45	
10/4/2017	6.5	
3/20/2018	6.63	
10/2/2018	6.57	
3/26/2019	6.54	
3/18/2020	6.53	
9/9/2020	6.57	
4/1/2021	6.52	
10/18/2021	6.36	
2/15/2022	6.83	
5/12/2022	6.55 (R)	
8/24/2022	6.42	
2/27/2023		6.56
8/9/2023		6.57
3/1/2024		6.71
8/6/2024		6.61

Prediction Limit

Constituent: pH (S.U.) Analysis Run 9/16/2024 3:59 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-10	GWC-10
5/21/2014	6.3	
11/12/2014	6.49	
5/23/2015	6.3	
11/12/2015	6.45	
4/13/2016	6.42 (D)	
6/21/2016	6.36	
8/15/2016	6.3	
10/5/2016	6.25	
12/1/2016	6.32	
2/8/2017	6.04	
4/6/2017	6.35	
6/21/2017	6.2	
10/5/2017	6.21	
3/21/2018	6.56	
10/2/2018	6.35	
3/27/2019	6.53	
3/18/2020	6.34	
9/9/2020	6.4	
4/1/2021	6.35	
10/18/2021	6.25	
2/15/2022	6.48	
5/12/2022	6.31 (R)	
8/25/2022	6.2	
12/28/2022	6.36 (R)	
2/21/2023		6.33
5/2/2023		6.3
8/9/2023		6.3
3/1/2024		6.47
5/20/2024		6.28 (R)
8/6/2024		6.22

Prediction Limit

Constituent: pH (S.U.) Analysis Run 9/16/2024 3:59 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-11
5/20/2014	6.14	
11/12/2014	6.33	
5/24/2015	6.04	
11/12/2015	6.31	
4/13/2016	6.17 (D)	
6/21/2016	6.19	
8/15/2016	6.15	
10/5/2016	6.1	
12/1/2016	6.15	
2/8/2017	5.9	
4/6/2017	6.13	
6/20/2017	6.12	
10/5/2017	6.11	
3/21/2018	6.21	
10/2/2018	6.21	
3/27/2019	6.22	
3/18/2020	6.17	
9/10/2020	6.16	
4/1/2021	6.11	
8/11/2021	6.21	
2/16/2022	6.16	
8/25/2022	6.01	
2/27/2023		6.19
8/9/2023		6.24
2/29/2024		6.26
8/6/2024		6.11

Prediction Limit

Constituent: pH (S.U.) Analysis Run 9/16/2024 3:59 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-12	GWC-12
5/20/2014	4.86	
11/12/2014	5.3	
5/23/2015	5.04	
11/12/2015	5.31	
4/13/2016	5.22 (D)	
6/21/2016	5.2	
8/15/2016	5.12	
10/5/2016	5.07	
10/7/2016	5.07	
12/1/2016	5.08	
2/8/2017	4.76	
4/5/2017	5.1	
6/20/2017	5.13	
10/5/2017	5.1	
3/21/2018	5.33	
10/2/2018	5.16	
3/26/2019	5.25	
3/18/2020	5.19	
9/10/2020	5.1	
4/1/2021	5.18	
8/11/2021	5.2	
2/16/2022	5.11	
8/26/2022	5.07	
2/27/2023		5.2
8/9/2023		5.1
2/29/2024		5.24
8/6/2024		5.26

Prediction Limit

Constituent: pH (S.U.) Analysis Run 9/16/2024 3:59 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-13	GWC-13
5/20/2014	5.6	
11/12/2014	6.02	
5/24/2015	5.81	
11/12/2015	5.93	
4/13/2016	5.88 (D)	
6/21/2016	5.9	
8/15/2016	5.86	
10/4/2016	5.85	
10/7/2016	5.85	
12/1/2016	5.85	
2/9/2017	5.92	
4/6/2017	5.85	
6/22/2017	5.9	
10/6/2017	5.88	
3/22/2018	5.88	
10/3/2018	5.95	
3/26/2019	5.89	
3/18/2020	5.81	
9/10/2020	5.83	
4/6/2021	5.95	
8/11/2021	5.92	
2/16/2022	5.79	
8/26/2022	5.91	
2/27/2023		5.94
8/9/2023		5.95
3/1/2024		5.9
8/6/2024		5.95

Prediction Limit

Constituent: pH (S.U.) Analysis Run 9/16/2024 3:59 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-14	GWC-14
5/20/2014	5.38	
11/12/2014	5.77	
5/24/2015	5.53	
11/11/2015	5.68	
4/13/2016	5.58 (D)	
6/21/2016	5.59	
8/15/2016	5.56	
10/4/2016	5.66	
12/1/2016	5.54	
2/7/2017	5.42	
4/6/2017	5.55	
6/20/2017	5.57	
10/5/2017	5.55	
3/20/2018	5.73	
10/2/2018	5.68	
3/26/2019	5.63	
3/18/2020	5.61	
9/9/2020	5.88	
4/1/2021	5.53	
8/11/2021	5.61	
2/16/2022	5.6	
8/26/2022	5.51	
2/27/2023		5.62
8/9/2023		5.57
3/1/2024		5.55
5/7/2024		5.55 (R)
8/8/2024		5.56

Prediction Limit

Constituent: pH (S.U.) Analysis Run 9/16/2024 3:59 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-18	GWC-18
5/23/2014	6.19	
11/8/2014	6.42	
5/22/2015	6.26	
11/10/2015	6.29	
4/11/2016	6.3 (D)	
6/16/2016	6.34	
8/11/2016	6.28	
10/5/2016	6.27	
11/29/2016	6.39	
2/8/2017	6.35	
4/6/2017	6.26	
6/21/2017	6.24	
10/5/2017	6.31	
3/20/2018	6.34	
10/2/2018	6.38	
3/26/2019	6.38	
3/18/2020	6.32	
9/9/2020	6.3	
4/1/2021	6.37	
8/11/2021	6.43	
2/16/2022	6.54	
5/12/2022	6.39 (R)	
8/25/2022	6.45	
2/28/2023		6.36
8/9/2023		6.41
2/29/2024		6.51
8/6/2024		6.3

Prediction Limit

Constituent: pH (S.U.) Analysis Run 9/16/2024 3:59 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-19
5/22/2014	6.37	
11/8/2014	6.51	
5/22/2015	6.35	
11/10/2015	6.41	
4/11/2016	6.36 (D)	
6/16/2016	6.35	
8/11/2016	6.37	
10/5/2016	5.78 (O)	
11/29/2016	6.44	
2/8/2017	6.4	
4/5/2017	6.35	
6/21/2017	6.36	
10/5/2017	6.41	
3/20/2018	6.37	
10/2/2018	6.41	
3/26/2019	6.35	
3/19/2020	6.27	
9/9/2020	6.27	
4/5/2021	6.37	
6/1/2021	6.18	
8/11/2021	6.35	
2/16/2022	6.47	
8/25/2022	6.36	
12/28/2022	6.29 (R)	
2/28/2023		6.29
8/8/2023		6.32
2/29/2024		6.33
8/6/2024		6.26

Prediction Limit

Constituent: pH (S.U.) Analysis Run 9/16/2024 3:59 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-2	GWC-2
5/22/2014	6.74	
11/13/2014	6.94	
5/24/2015	7	
11/11/2015	6.55	
4/12/2016	6.52	
6/16/2016	6.38	
8/11/2016	6.38	
10/4/2016	6.39	
11/30/2016	6.38	
2/7/2017	6.43	
4/6/2017	6.23	
6/20/2017	6.36	
10/4/2017	6.35	
3/20/2018	6.52	
10/2/2018	6.51	
3/26/2019	6.44	
3/18/2020	6.41	
9/9/2020	6.44	
4/1/2021	7.32 (o)	
8/12/2021	6.41	
2/15/2022	6.61	
8/26/2022	6.37	
2/27/2023		6.41
8/9/2023		6.6
3/1/2024		6.5
8/6/2024		6.7

Prediction Limit

Constituent: pH (S.U.) Analysis Run 9/16/2024 3:59 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-20	GWC-20
5/22/2014	6.33	
11/9/2014	6.66	
5/22/2015	6.49	
11/10/2015	6.53	
4/12/2016	6.53 (D)	
6/16/2016	6.51	
8/11/2016	6.49	
10/5/2016	6.46	
11/30/2016	6.5	
2/8/2017	6.59	
4/6/2017	6.47	
6/21/2017	6.53	
10/5/2017	6.51	
3/21/2018	6.5	
10/3/2018	6.48	
3/26/2019	6.52	
3/19/2020	6.47	
9/10/2020	6.49	
4/5/2021	6.64	
6/1/2021	6.39	
8/11/2021	6.58	
2/16/2022	6.71	
5/12/2022	6.52 (R)	
8/25/2022	6.62	
12/28/2022	6.56 (R)	
2/28/2023		6.53
8/8/2023		6.59
3/1/2024		6.73
5/7/2024		6.5 (R)
8/6/2024		6.41

Prediction Limit

Constituent: pH (S.U.) Analysis Run 9/16/2024 3:59 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-3	GWC-3
5/22/2014	5.82	
11/9/2014	6.1	
5/22/2015	5.92	
11/16/2015	6.02	
4/12/2016	5.97 (D)	
6/20/2016	5.93	
8/12/2016	5.86	
8/16/2016	5.86	
10/5/2016	5.1 (O)	
11/30/2016	5.88	
2/8/2017	5.89	
4/6/2017	5.84	
6/21/2017	5.91	
10/5/2017	5.93	
3/21/2018	5.96	
10/3/2018	5.97	
3/26/2019	6.02	
3/18/2020	5.9	
9/10/2020	6.24	
4/6/2021	6.01	
8/12/2021	6.12	
2/15/2022	5.87	
8/25/2022	5.99	
2/28/2023		6
5/2/2023		6.27
8/9/2023		6.07
3/4/2024		6.11
5/20/2024		5.9 (R)
8/7/2024		5.84

Prediction Limit

Constituent: pH (S.U.) Analysis Run 9/16/2024 3:59 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-4	GWC-4
5/22/2014	6.17	
11/9/2014	6.45	
5/22/2015	6.26	
11/11/2015	6.3	
4/12/2016	6.44 (D)	
6/20/2016	6.33	
8/16/2016	6.3	
10/6/2016	6.21	
11/30/2016	6.26	
2/8/2017	6.35	
4/6/2017	6.29	
6/22/2017	6.31	
10/6/2017	5.9	
3/21/2018	6.23	
10/3/2018	6.25	
3/26/2019	6.34	
3/19/2020	6.32	
9/10/2020	6.46	
4/2/2021	6.35	
8/12/2021	6.3	
2/15/2022	6.37	
5/12/2022	6.19 (R)	
8/25/2022	6.19	
12/28/2022	6.2 (R)	
2/27/2023		6.17
5/2/2023		6.13
8/8/2023		6.3
2/29/2024		6.31
5/20/2024		6.08 (R)
8/7/2024		6.12

Prediction Limit

Constituent: pH (S.U.) Analysis Run 9/16/2024 3:59 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-5
5/22/2014	5.89	
11/9/2014	6.14	
5/24/2015	5.7	
11/11/2015	5.78	
4/19/2016	5.55	
6/22/2016	5.6	
8/16/2016	5.7	
10/6/2016	5.64	
12/1/2016	5.62	
2/9/2017	5.64	
4/6/2017	5.66	
6/21/2017	5.68	
10/5/2017	5.64	
3/22/2018	5.9	
10/3/2018	5.74	
3/27/2019	5.78	
3/18/2020	5.81	
9/9/2020	6.08	
4/1/2021	6.01	
8/12/2021	5.87	
2/15/2022	6.16	
5/12/2022	5.99 (R)	
8/25/2022	5.96	
2/28/2023		6
8/8/2023		6.16
2/29/2024		6.25
8/6/2024		6

Prediction Limit

Constituent: pH (S.U.) Analysis Run 9/16/2024 3:59 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-6	GWC-6
5/21/2014	6.09	
11/9/2014	6.36	
5/24/2015	6.17	
11/11/2015	6.19	
4/12/2016	6.22	
6/20/2016	6.2	
8/12/2016	6.17	
10/6/2016	6.14	
11/30/2016	6.14	
2/9/2017	6.18	
4/6/2017	6.17	
6/21/2017	6.17	
10/6/2017	6.19	
3/21/2018	6.21	
10/3/2018	6.22	
3/26/2019	6.25	
3/18/2020	6.19	
9/10/2020	6.43	
4/5/2021	6.36	
6/2/2021	6.09	
8/11/2021	6.14	
2/15/2022	6.1	
8/25/2022	6.13	
2/27/2023		6.16
8/8/2023		6.37
2/29/2024		6.37
5/20/2024		6.16 (R)
8/7/2024		6.19

Prediction Limit

Constituent: pH (S.U.) Analysis Run 9/16/2024 3:59 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-7	GWC-7
5/21/2014	6.25	
5/24/2015	6.32	
11/11/2015	6.35	
4/13/2016	6.42	
6/20/2016	6.4	
8/15/2016	6.31	
10/6/2016	6.27	
12/1/2016	6.28	
2/9/2017	6.32	
4/7/2017	6.28	
6/22/2017	6.29	
10/6/2017	5.96	
3/22/2018	6.34	
10/4/2018	6.36	
3/27/2019	6.38	
3/19/2020	6.41	
9/10/2020	6.32	
4/1/2021	6.4	
8/11/2021	6.26	
2/15/2022	6.22	
8/25/2022	6.31	
2/27/2023		6.35
5/2/2023		6.38
8/8/2023		6.48
2/29/2024		6.57
5/7/2024		6.3 (R)
8/6/2024		6.25

Prediction Limit

Constituent: pH (S.U.) Analysis Run 9/16/2024 3:59 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-8A	GWC-8A
5/21/2014	7.11	
11/13/2014	6.55	
5/23/2015	6.36	
11/11/2015	6.36	
4/19/2016	6.4	
6/23/2016	6.35	
8/23/2016	6.29	
10/10/2016	6.3	
12/1/2016	6.37	
2/9/2017	6.39	
2/27/2017	6.24	
4/7/2017	6.93	
6/21/2017	7.11 (D)	
8/15/2017	6.95	
9/1/2017	6.86	
10/9/2017	6.75	
3/22/2018	7.05	
10/4/2018	7.26	
3/27/2019	6.69	
3/18/2020	6.42	
9/9/2020	6.3	
4/5/2021	6.35	
6/1/2021	6.28	
8/12/2021	6.37	
2/15/2022	6.34	
8/25/2022	6.29	
2/27/2023		6.27
5/2/2023		6.23
8/8/2023		6.38
2/29/2024		6.52
8/6/2024		6.35

Prediction Limit

Constituent: pH (S.U.) Analysis Run 9/16/2024 3:59 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-9	GWC-9
5/21/2014	6.31	
11/12/2014	6.81	
5/23/2015	6.42	
11/12/2015	6.7	
4/13/2016	6.59	
6/22/2016	6.49	
8/15/2016	6.61	
10/6/2016	6.55	
12/1/2016	6.59	
2/8/2017	6.63	
4/6/2017	6.58	
6/21/2017	6.56	
10/5/2017	6.58	
3/21/2018	6.76	
10/2/2018	6.65	
3/27/2019	6.7	
3/18/2020	6.61	
9/9/2020	6.8	
4/1/2021	6.28	
8/12/2021	6.66	
2/15/2022	6.61	
8/25/2022	6.48	
12/28/2022	6.62 (R)	
2/27/2023		6.57
8/8/2023		6.63
3/1/2024		6.82
8/6/2024		6.47

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15	GWA-15
4/6/2016	0.799 (J)	
6/15/2016	<1	
8/10/2016	<1	
10/4/2016	<1	
11/30/2016	<1	
2/7/2017	0.8 (J)	
4/4/2017	<1	
6/20/2017	<1	
10/4/2017	<1	
3/20/2018	1.2	
10/2/2018	<1	
3/26/2019	2.1	
9/10/2019	0.65 (J)	
3/18/2020	3.1	
9/9/2020	1.6	
4/1/2021	2.7	
8/11/2021	1.3	
2/15/2022	2.6	
8/25/2022	1.9	
2/28/2023		3.5
8/3/2023		1.7
3/4/2024		2.8
8/6/2024		1.3

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-16	GWA-16
4/6/2016	<1	
6/15/2016	<1	
8/10/2016	<1	
10/4/2016	<1	
11/29/2016	<1	
2/7/2017	<1	
4/4/2017	<1	
6/20/2017	<1	
10/5/2017	<1	
3/20/2018	<1	
10/2/2018	<1	
3/26/2019	<1	
9/10/2019	<1	
3/18/2020	0.67 (J)	
9/9/2020	<1	
4/1/2021	<1	
8/11/2021	<1	
2/15/2022	<1	
8/25/2022	<1	
2/28/2023		1.4
8/3/2023		0.4 (J)
2/28/2024		<1
8/6/2024		<1

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17	GWA-17
4/6/2016	<1	
6/15/2016	<1	
8/10/2016	<1	
10/5/2016	<1	
11/29/2016	<1	
2/7/2017	<1	
4/4/2017	<1	
6/20/2017	<1	
10/5/2017	<1	
3/20/2018	<1	
10/2/2018	<1	
3/26/2019	0.58 (J)	
9/10/2019	0.44 (J)	
3/18/2020	0.51 (J)	
9/9/2020	<1	
4/1/2021	<1	
8/11/2021	<1	
2/15/2022	<1	
8/24/2022	<1	
2/28/2023		1.3
8/3/2023		<1
2/28/2024		<1
8/6/2024		<1

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-1	GWC-1
4/12/2016	0.617 (J)	
6/16/2016	<1	
8/11/2016	<1	
10/4/2016	<1	
11/30/2016	<1	
2/7/2017	0.92 (J)	
4/5/2017	1	
6/20/2017	0.76 (J)	
10/4/2017	<1	
3/20/2018	0.95 (J)	
10/2/2018	<1	
3/26/2019	0.53 (J)	
9/10/2019	0.69 (J)	
3/18/2020	0.84 (J)	
9/9/2020	0.77 (J)	
4/1/2021	<1	
8/18/2021	0.79 (J)	
2/15/2022	1.5	
8/24/2022	<1	
2/27/2023		1.6
8/9/2023		0.46 (J)
3/1/2024		0.79 (J)
8/6/2024		<1

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-10	GWC-10
4/13/2016	0.51 (JD)	
6/21/2016	0.58 (J)	
8/15/2016	<1	
10/5/2016	<1	
12/1/2016	<1	
2/8/2017	1	
4/6/2017	0.81 (J)	
6/21/2017	1.1	
10/5/2017	1.1	
3/21/2018	1.1	
10/2/2018	1.2	
3/27/2019		1.6
9/11/2019		1.8
3/18/2020		2.4
9/9/2020		2.6
4/1/2021		2.7
8/17/2021		1.2
2/15/2022		3.5
5/12/2022		2.7 (R)
8/25/2022		3.7
2/21/2023		4.7
5/2/2023		4.3
8/9/2023		2.3
3/1/2024		4.7
5/20/2024		3.9 (R)
8/6/2024		4.4

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-11
4/13/2016	<1 (D)	
6/21/2016	0.16 (J)	
8/15/2016	<1	
10/5/2016	<1	
12/1/2016	<1	
2/8/2017	<1	
4/6/2017	<1	
6/20/2017	<1	
10/5/2017	<1	
3/21/2018	<1	
10/2/2018	<1	
3/27/2019	<1	
9/11/2019	0.63 (J)	
3/18/2020	<1	
9/10/2020	<1	
4/1/2021	<1	
8/11/2021	<1	
2/16/2022	<1	
8/25/2022	<1	
2/27/2023		0.88 (J)
8/9/2023		<1
2/29/2024		<1
8/6/2024		<1

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-12	GWC-12
4/13/2016	<1 (D)	
6/21/2016	0.2 (J)	
8/15/2016	<1	
10/5/2016	<1	
12/1/2016	<1	
2/8/2017	<1	
4/5/2017	<1	
6/20/2017	<1	
10/5/2017	<1	
3/21/2018	<1 (D)	
10/2/2018	<1	
3/26/2019	0.49 (J)	
9/11/2019	0.5 (J)	
3/18/2020	1.3	
9/10/2020	<1	
4/1/2021	<1	
8/11/2021	<1	
2/16/2022	<1	
8/26/2022	0.77 (J)	
2/27/2023		1.2
8/9/2023		<1
2/29/2024		<1
8/6/2024		<1

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-13	GWC-13
4/13/2016	0.646 (JD)	
6/21/2016	0.57 (J)	
8/15/2016	<1	
10/7/2016	<1	
12/1/2016	<1	
2/9/2017	<1	
4/6/2017	<1	
6/22/2017	<1	
10/6/2017	<1	
3/22/2018	<1	
10/3/2018	<1	
3/26/2019	1.3	
9/11/2019	0.81 (J)	
3/18/2020	25 (o)	
9/10/2020	1.3	
4/6/2021	0.9 (J)	
8/11/2021	0.89 (J)	
2/16/2022	<1	
8/26/2022	1.3	
2/27/2023		1.6
8/9/2023		1.3
3/1/2024		1.2
8/6/2024		<1

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-14	GWC-14
4/13/2016	<1 (D)	
6/21/2016	0.16 (J)	
8/15/2016	<1	
10/4/2016	<1	
12/1/2016	<1	
2/7/2017	<1	
4/6/2017	<1	
6/20/2017	<1	
10/5/2017	<1	
3/20/2018	<1	
10/2/2018	<1	
3/26/2019	0.64 (J)	
9/11/2019	0.5 (J)	
3/18/2020	<1	
9/9/2020	<1	
4/1/2021	<1	
8/11/2021	<1	
2/16/2022	<1	
8/26/2022	0.79 (J)	
2/27/2023		1.2
8/9/2023		<1
3/1/2024		<1
8/8/2024		<1

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-18	GWC-18
4/11/2016	<1	
6/16/2016	<1	
8/11/2016	<1	
10/5/2016	<1	
11/29/2016	<1	
2/8/2017	<1	
4/6/2017	<1	
6/21/2017	<1	
10/5/2017	<1	
3/20/2018	<1	
10/2/2018	<1	
3/26/2019	0.39 (J)	
9/11/2019	0.61 (J)	
3/18/2020	0.62 (J)	
9/9/2020	<1	
4/1/2021	<1	
8/11/2021	<1	
2/16/2022	<1	
8/25/2022	<1	
2/28/2023		1.2
8/9/2023		<1
2/29/2024		1.8
8/6/2024		<1

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-19
4/11/2016	<1	
6/16/2016	<1	
8/11/2016	<1	
10/5/2016	<1	
11/29/2016	<1	
2/8/2017	<1	
4/5/2017	<1	
6/21/2017	<1	
10/5/2017	<1	
3/20/2018	<1	
10/2/2018	<1	
3/26/2019	<1	
9/12/2019	<1	
3/19/2020	0.64 (J)	
9/9/2020	1.2	
6/1/2021	1.9	
8/11/2021	<1	
2/16/2022	<1	
8/25/2022	<1	
2/28/2023		1.2
8/8/2023		<1
2/29/2024		<1
8/6/2024		<1

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-2	GWC-2
4/12/2016	0.56 (J)	
6/16/2016	<1	
8/11/2016	<1	
10/4/2016	<1	
11/30/2016	<1	
2/7/2017	<1	
4/6/2017	<1	
6/20/2017	<1	
10/4/2017	<1	
3/20/2018	<1	
10/2/2018	<1	
3/26/2019	0.99 (J)	
9/10/2019	0.63 (J)	
3/18/2020	0.59 (J)	
9/9/2020	0.59 (J)	
4/1/2021	1.1	
8/12/2021	<1	
2/15/2022	0.79 (J)	
8/26/2022	1.1	
2/27/2023		1.6
8/9/2023		0.51 (J)
3/1/2024		1.2
8/6/2024		0.43 (J)

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-20	GWC-20
4/12/2016	<1	
6/16/2016	<1	
8/11/2016	<1	
10/5/2016	<1	
11/30/2016	<1	
2/8/2017	<1	
4/6/2017	<1	
6/21/2017	<1	
10/5/2017	<1	
3/21/2018	<1	
10/3/2018	<1	
3/26/2019	0.45 (J)	
9/12/2019	<1	
3/19/2020	0.71 (J)	
9/10/2020	<1	
6/1/2021	1.4	
8/11/2021	<1	
2/16/2022	<1	
8/25/2022	<1	
2/28/2023		1.3
8/8/2023		<1
3/1/2024		0.68 (J)
8/6/2024		<1

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-3	GWC-3
4/12/2016	0.419 (JD)	
6/20/2016	0.6 (J)	
8/16/2016	<1	
10/5/2016	<1	
11/30/2016	1.1	
2/8/2017	<1	
4/6/2017	<1	
6/21/2017	<1	
10/5/2017	<1	
3/21/2018	<1	
10/3/2018	<1	
3/26/2019	0.47 (J)	
9/10/2019	0.7 (J)	
3/18/2020	0.6 (J)	
9/10/2020	<1	
4/6/2021	<1	
8/12/2021	<1	
2/15/2022	0.91 (J)	
8/25/2022	0.99 (J)	
2/28/2023		4.7
5/2/2023		4.2
8/9/2023		3.6
10/4/2023		3.1 (R)
3/4/2024		10
5/20/2024		0.64 (J,R)
8/7/2024		15

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-4	GWC-4
4/12/2016	3.56	
6/20/2016	2.4	
8/16/2016	1.7	
10/6/2016	1.2	
11/30/2016	1.2	
2/8/2017	4.6	
4/6/2017	4.1	
6/22/2017	3.4	
10/6/2017	3	
3/21/2018	4.9	
10/3/2018	2.9	
3/26/2019	3.2	
9/10/2019	1.7	
3/19/2020	4.6	
9/10/2020	1.6	
4/2/2021		4.6
8/12/2021		3.5
2/15/2022		20
5/12/2022		33 (R)
8/25/2022		19
12/28/2022		32 (R)
2/27/2023		56
8/8/2023		53
2/29/2024		84
8/7/2024		73

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-5
4/19/2016	575 (o)	
6/22/2016	470	
8/16/2016	360	
10/6/2016	300	
12/1/2016	340	
2/9/2017	350	
4/6/2017	380	
6/21/2017	490	
10/5/2017	380	
3/22/2018	400	
10/3/2018	270	
3/27/2019	260	
9/11/2019	130	
3/18/2020	170	
9/9/2020	110	
4/1/2021	100	
8/12/2021	140	
2/15/2022	100	
8/25/2022	100	
2/28/2023		87
8/8/2023		79
2/29/2024		75
8/6/2024		73

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-6	GWC-6
4/12/2016	7.55	
6/20/2016	14	
8/16/2016	12	
10/6/2016	13	
11/30/2016	14	
2/9/2017	9.5	
4/6/2017	9.7	
6/21/2017	13	
10/6/2017	7.3	
3/21/2018	9.5	
10/3/2018	10	
3/26/2019	6.3	
9/11/2019	12	
3/18/2020	5.6	
9/10/2020	9.4	
6/2/2021	13	
8/11/2021	11	
2/15/2022	13	
8/25/2022	12	
2/27/2023		13
8/8/2023		6.5
2/29/2024		25
5/20/2024		18 (R)
8/7/2024		13

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-7	GWC-7
4/13/2016	<1 (D)	
6/20/2016	0.36 (J)	
8/15/2016	<1	
10/6/2016	<1	
12/1/2016	<1	
2/9/2017	<1	
4/7/2017	<1	
6/22/2017	<1	
10/6/2017	<1	
3/22/2018	<1	
10/4/2018	<1	
3/27/2019	0.51 (J)	
9/11/2019	0.52 (J)	
3/19/2020	0.54 (J)	
9/10/2020	<1	
4/1/2021	<1	
8/11/2021	<1	
2/15/2022	<1	
8/25/2022	<1	
2/27/2023		1.4
8/8/2023		<1
2/29/2024		1.5
8/6/2024		1.4

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-8A	GWC-8A
4/19/2016	32.7	
10/10/2016	33	
12/1/2016	31	
2/9/2017	34	
4/7/2017	37	
6/21/2017	35	
8/15/2017	42	
9/1/2017	40	
3/22/2018	39	
10/4/2018	30	
3/27/2019	18	
9/11/2019	32	
3/18/2020	16	
9/9/2020	11	
6/1/2021	17	
8/12/2021	27	
2/15/2022	11	
8/25/2022	22	
2/27/2023		12
8/8/2023		7.8
2/29/2024		18
8/6/2024		21

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-9	GWC-9
4/13/2016	8.66 (D)	
6/22/2016	6.3	
8/15/2016	8	
10/6/2016	10	
12/1/2016	15	
2/8/2017	13	
4/6/2017	14	
6/21/2017	11	
10/5/2017	10	
3/21/2018	12	
10/2/2018	8.2	
3/27/2019	6.8	
9/11/2019	9.6	
3/18/2020	6.9	
9/9/2020	8.4	
4/1/2021	9.7	
8/12/2021	9.7	
2/15/2022	7.2	
8/25/2022	19	
2/27/2023		13
8/8/2023		13
3/1/2024		17
8/6/2024		22

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15	GWA-15
4/6/2016	38	
6/15/2016	<10	
8/10/2016	56	
10/4/2016	48	
11/30/2016	46	
2/7/2017	18	
4/4/2017	32	
6/20/2017	38	
10/4/2017	42	
3/20/2018	20 (JX)	
10/2/2018	48	
3/26/2019	45	
9/10/2019	42	
3/18/2020	43	
9/9/2020	<10	
4/1/2021	55	
8/11/2021	55	
2/15/2022	42	
8/25/2022	86	
2/28/2023		50
8/3/2023		53
3/4/2024		41
8/6/2024		53

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-16	GWA-16
4/6/2016	84	
6/15/2016	139	
8/10/2016	80	
10/4/2016	62	
11/29/2016	110	
2/7/2017	70	
4/4/2017	120	
6/20/2017	76	
10/5/2017	110	
3/20/2018	110	
10/2/2018	110	
3/26/2019	100	
9/10/2019	75	
3/18/2020	93	
9/9/2020	66	
4/1/2021	100	
8/11/2021	100	
2/15/2022	99	
8/25/2022	130	
2/28/2023		110
8/3/2023		110
2/28/2024		100
8/6/2024		110

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17	GWA-17
4/6/2016	61	
6/15/2016	113	
8/10/2016	74	
10/5/2016	44	
11/29/2016	58	
2/7/2017	4 (J)	
4/4/2017	78	
6/20/2017	50	
10/5/2017	64	
3/20/2018	90	
10/2/2018	90	
3/26/2019	82	
9/10/2019	51	
3/18/2020	75	
9/9/2020	64	
4/1/2021	68	
8/11/2021	94	
2/15/2022	79	
8/24/2022	110	
2/28/2023		94
8/3/2023		85
2/28/2024		85
8/6/2024		86

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-1	GWC-1
4/12/2016	147	
6/16/2016	150	
8/11/2016	110	
10/4/2016	140	
11/30/2016	130	
2/7/2017	130	
4/5/2017	130	
6/20/2017	120	
10/4/2017	130	
3/20/2018	110	
10/2/2018	140	
3/26/2019	150	
9/10/2019	130	
3/18/2020	130	
9/9/2020	120	
4/1/2021	120	
8/18/2021	150	
2/15/2022	120	
8/24/2022	160	
2/27/2023		160
8/9/2023		140
3/1/2024		150
8/6/2024		140

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-10	GWC-10
4/13/2016	103 (D)	
6/21/2016	214 (O)	
8/15/2016	130	
10/5/2016	84	
12/1/2016	130	
2/8/2017	130	
4/6/2017	130	
6/21/2017	120	
10/5/2017	140	
3/21/2018	120	
10/2/2018	150	
3/27/2019	140	
9/11/2019	110	
3/18/2020	140	
9/9/2020	160	
4/1/2021	140	
8/17/2021	160	
2/15/2022	150	
8/25/2022	170	
2/21/2023		150
8/9/2023		140
3/1/2024		150
8/6/2024		140

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-11
4/13/2016	99 (D)	
6/21/2016	293 (o)	
8/15/2016	90	
10/5/2016	70	
12/1/2016	120	
2/8/2017	86	
4/6/2017	130	
6/20/2017	86	
10/5/2017	94	
3/21/2018	100	
10/2/2018	120	
3/27/2019	100	
9/11/2019	94	
3/18/2020	100	
9/10/2020	95	
4/1/2021	90	
8/11/2021	120	
2/16/2022	79	
8/25/2022	130	
2/27/2023		120
8/9/2023		98
2/29/2024		110
8/6/2024		100

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-12	GWC-12
4/13/2016	<5 (D)	
6/21/2016	110	
8/15/2016	<5	
10/5/2016	<5	
12/1/2016	16	
2/8/2017	12	
4/5/2017	18	
6/20/2017	<5	
10/5/2017	28	
3/21/2018	28 (JX)	
10/2/2018	38	
3/26/2019	29	
9/11/2019	14	
3/18/2020	26	
9/10/2020	13	
4/1/2021	17	
8/11/2021	18	
2/16/2022	16	
8/26/2022	29	
2/27/2023		39
8/9/2023		27
2/29/2024		32
8/6/2024		28

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-13	GWC-13
4/13/2016	60 (D)	
6/21/2016	195 (O)	
8/15/2016	42	
10/7/2016	24	
12/1/2016	68	
2/9/2017	56	
4/6/2017	68	
6/22/2017	56	
10/6/2017	90	
3/22/2018	76	
10/3/2018	22	
3/26/2019	59	
9/11/2019	33	
3/18/2020	100	
9/10/2020	60	
4/6/2021	55	
8/11/2021	75	
2/16/2022	55	
8/26/2022	84	
2/27/2023		87
8/9/2023		74
3/1/2024		74
8/6/2024		78

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-14	GWC-14
4/13/2016	56 (D)	
6/21/2016	68	
8/15/2016	46	
10/4/2016	60	
12/1/2016	70	
2/7/2017	40	
4/6/2017	74	
6/20/2017	34	
10/5/2017	98	
3/20/2018	42	
10/2/2018	40	
3/26/2019	60	
9/11/2019	26	
3/18/2020	57	
9/9/2020	54	
4/1/2021	43	
8/11/2021	71	
2/16/2022	46	
8/26/2022	91	
2/27/2023		70
8/9/2023		64
3/1/2024		63
8/8/2024		65

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-18	GWC-18
4/11/2016	89	
6/16/2016	88	
8/11/2016	52	
10/5/2016	76	
11/29/2016	72	
2/8/2017	74	
4/6/2017	84	
6/21/2017	88	
10/5/2017	110	
3/20/2018	92	
10/2/2018	100	
3/26/2019	94	
9/11/2019	77	
3/18/2020	92	
9/9/2020	77	
4/1/2021	62	
8/11/2021	98	
2/16/2022	70	
8/25/2022	130	
2/28/2023		100
8/9/2023		95
2/29/2024		96
8/6/2024		95

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-19
4/11/2016	99	
6/16/2016	102	
8/11/2016	38	
10/5/2016	26	
11/29/2016	82	
2/8/2017	78	
4/5/2017	100	
6/21/2017	100	
10/5/2017	100	
3/20/2018	100	
10/2/2018	130	
3/26/2019	100	
9/12/2019	70	
3/19/2020	110	
9/9/2020	120	
6/1/2021	130	
8/11/2021	120	
2/16/2022	110	
8/25/2022	150	
2/28/2023		130
8/8/2023		130
2/29/2024		130
8/6/2024		130

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-2	GWC-2
4/12/2016	93	
6/16/2016	130	
8/11/2016	92	
10/4/2016	120	
11/30/2016	130	
2/7/2017	36	
4/6/2017	150	
6/20/2017	92	
10/4/2017	120	
3/20/2018	120	
10/2/2018	140	
3/26/2019	130	
9/10/2019	140	
3/18/2020	140	
9/9/2020	110	
4/1/2021	120	
8/12/2021	130	
2/15/2022	120	
8/26/2022	180	
2/27/2023		140
8/9/2023		120
3/1/2024		140
8/6/2024		130

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-20	GWC-20
4/12/2016	104	
6/16/2016	111	
8/11/2016	70	
10/5/2016	92	
11/30/2016	92	
2/8/2017	98	
4/6/2017	92	
6/21/2017	100	
10/5/2017	130	
3/21/2018	100	
10/3/2018	130	
3/26/2019	110	
9/12/2019	84	
3/19/2020	120	
9/10/2020	110	
6/1/2021	120	
8/11/2021	110	
2/16/2022	110	
8/25/2022	140	
2/28/2023		120
8/8/2023		130
3/1/2024		130
8/6/2024		120

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-3	GWC-3
4/12/2016	92 (D)	
6/20/2016	78	
8/16/2016	76	
10/5/2016	64	
11/30/2016	82	
2/8/2017	92	
4/6/2017	88	
6/21/2017	88	
10/5/2017	86	
3/21/2018	98	
10/3/2018	60	
3/26/2019	86	
9/10/2019	66	
3/18/2020	72	
9/10/2020	59	
4/6/2021	81	
8/12/2021	89	
2/15/2022	53	
8/25/2022	110	
2/28/2023		72
8/9/2023		88
3/4/2024		99
8/7/2024		100

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-4	GWC-4
4/12/2016	80	
6/20/2016	111	
8/16/2016	100	
10/6/2016	110	
11/30/2016	110	
2/8/2017	120	
4/6/2017	130	
6/22/2017	110	
10/6/2017	120	
3/21/2018	160	
10/3/2018	120	
3/26/2019	130	
9/10/2019	93	
3/19/2020	130	
9/10/2020	130	
4/2/2021	150	
8/12/2021	130	
2/15/2022	140	
8/25/2022	170	
2/27/2023		240
5/2/2023		290
8/8/2023		220
2/29/2024		260
8/7/2024		250

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-5
4/19/2016	1290	
6/22/2016	1060	
8/16/2016	880	
10/6/2016	820	
12/1/2016	900	
2/9/2017	940	
4/6/2017	1100	
6/21/2017	1200	
10/5/2017	950	
3/22/2018	1000	
10/3/2018	620	
3/27/2019	580	
9/11/2019	310	
3/18/2020	430	
9/9/2020	270	
4/1/2021	260	
8/12/2021	370	
2/15/2022	290	
8/25/2022	290	
2/28/2023		240
8/8/2023		230
2/29/2024		190
8/6/2024		210

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-6	GWC-6
4/12/2016	138	
6/20/2016	154	
8/16/2016	140	
10/6/2016	150	
11/30/2016	160	
2/9/2017	160	
4/6/2017	140	
6/21/2017	150	
10/6/2017	160	
3/21/2018	170	
10/3/2018	120	
3/26/2019	130	
9/11/2019	120	
3/18/2020	140	
9/10/2020	140	
6/2/2021	140	
8/11/2021	160	
2/15/2022	140	
8/25/2022	170	
2/27/2023		150
8/8/2023		110
2/29/2024		160
8/7/2024		150

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-7	GWC-7
4/13/2016	130 (D)	
6/20/2016	116	
8/15/2016	92	
10/6/2016	110	
12/1/2016	140	
2/9/2017	120	
4/7/2017	120	
6/22/2017	100	
10/6/2017	140	
3/22/2018	130	
10/4/2018	110	
3/27/2019	120	
9/11/2019	100	
3/19/2020	98	
9/10/2020	120	
4/1/2021	110	
8/11/2021	130	
2/15/2022	140	
8/25/2022	150	
2/27/2023		140
8/8/2023		130
2/29/2024		130
8/6/2024		130

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-8A	GWC-8A
4/19/2016	179	
10/10/2016	110 (O)	
12/1/2016	170	
2/9/2017	180	
4/7/2017	200	
6/21/2017	190	
8/15/2017	190	
9/1/2017	160	
3/22/2018	220	
10/17/2018	170	
3/27/2019	300	
9/11/2019	210	
3/18/2020	300	
9/9/2020	360	
6/1/2021	340	
8/12/2021	240	
2/15/2022	330	
8/25/2022	270	
2/27/2023		340
8/8/2023		910
10/4/2023		240 (R)
2/29/2024		270
8/6/2024		230

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 9/16/2024 3:59 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-9	GWC-9
4/13/2016	135 (D)	
6/22/2016	199	
8/15/2016	120	
10/6/2016	140	
12/1/2016	160	
2/8/2017	130	
4/6/2017	140	
6/21/2017	150	
10/5/2017	170	
3/21/2018	160	
10/2/2018	34	
3/27/2019	140	
9/11/2019	130	
3/18/2020	130	
9/9/2020	150	
4/1/2021	120	
8/12/2021	150	
2/15/2022	140	
8/25/2022	180	
2/27/2023		170
8/8/2023		150
3/1/2024		160
8/6/2024		170

FIGURE F.

Appendix I Interwell Prediction Limits - Two Step - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 9/16/2024, 1:51 PM

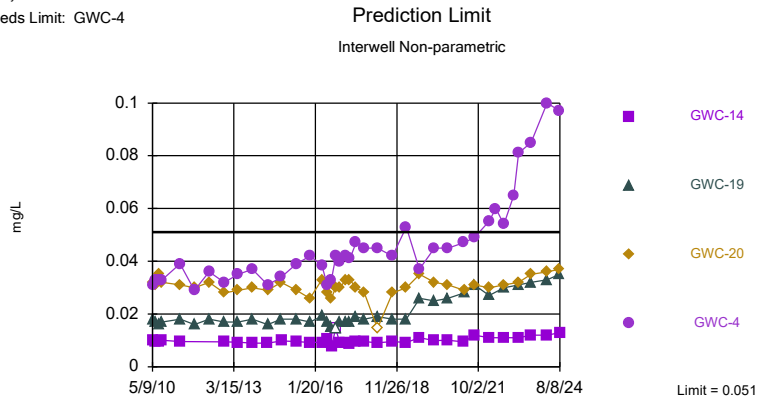
Constituent	Well	Upper Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium, Total (mg/L)	GWC-4	0.051	8/7/2024	0.097	Yes	111	n/a	n/a	1.802	n/a	n/a	0.0001598	NP Inter (normality) 1 of 2
Chromium, Total (mg/L)	GWC-7	0.012	8/6/2024	0.02	Yes	111	n/a	n/a	33.33	n/a	n/a	0.0001598	NP Inter (normality) 1 of 2
Nickel (mg/L)	GWC-2	0.00202	8/6/2024	0.0029	Yes	95	n/a	n/a	83.16	n/a	n/a	0.0002129	NP Inter (NDs) 1 of 2

Appendix I Interwell Prediction Limits - Two Step - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 9/16/2024, 1:51 PM

Constituent	Well	Upper Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium, Total (mg/L)	GWC-14	0.051	8/8/2024	0.013	No	111	n/a	n/a	1.802	n/a	n/a	0.0001598	NP Inter (normality) 1 of 2
Barium, Total (mg/L)	GWC-19	0.051	8/6/2024	0.035	No	111	n/a	n/a	1.802	n/a	n/a	0.0001598	NP Inter (normality) 1 of 2
Barium, Total (mg/L)	GWC-20	0.051	8/6/2024	0.037	No	111	n/a	n/a	1.802	n/a	n/a	0.0001598	NP Inter (normality) 1 of 2
Barium, Total (mg/L)	GWC-4	0.051	8/7/2024	0.097	Yes	111	n/a	n/a	1.802	n/a	n/a	0.0001598	NP Inter (normality) 1 of 2
Chromium, Total (mg/L)	GWC-7	0.012	8/6/2024	0.02	Yes	111	n/a	n/a	33.33	n/a	n/a	0.0001598	NP Inter (normality) 1 of 2
Nickel (mg/L)	GWC-2	0.00202	8/6/2024	0.0029	Yes	95	n/a	n/a	83.16	n/a	n/a	0.0002129	NP Inter (NDs) 1 of 2

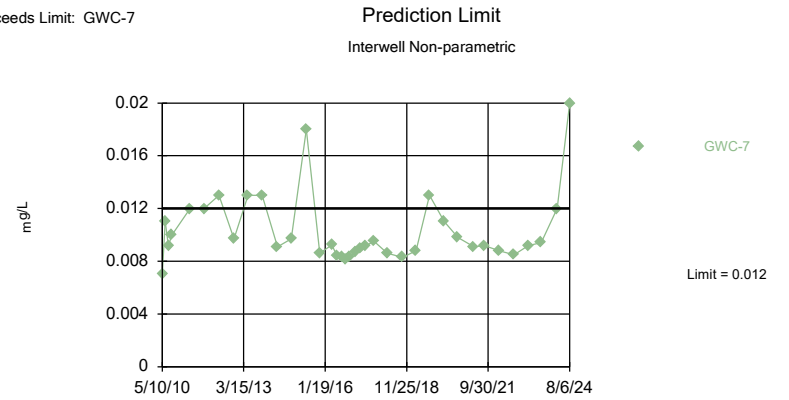
Sanitas™ v.10.0.22 . UG
 Hollow symbols indicate censored values.
 Exceeds Limit: GWC-4



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 111 background values. 1.802% NDs. Annual per-constituent alpha = 0.005418. Individual comparison alpha = 0.0001598 (1 of 2). Comparing 4 points to limit. Assumes 13 future values.

Constituent: Barium, Total Analysis Run 9/16/2024 1:49 PM View: Appendix I - Exceedances
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

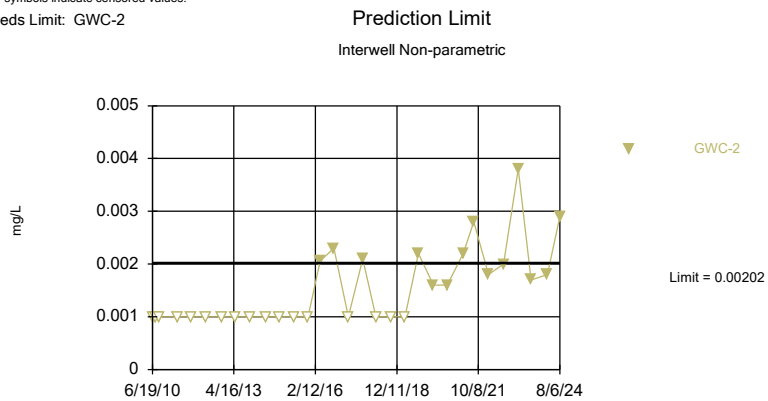
Sanitas™ v.10.0.22 . UG
 Exceeds Limit: GWC-7



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 111 background values. 33.33% NDs. Annual per-constituent alpha = 0.005418. Individual comparison alpha = 0.0001598 (1 of 2). Assumes 16 future values.

Constituent: Chromium, Total Analysis Run 9/16/2024 1:49 PM View: Appendix I - Exceedances
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG
 Hollow symbols indicate censored values.
 Exceeds Limit: GWC-2



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 95 background values. 83.16% NDs. Annual per-constituent alpha = 0.007213. Individual comparison alpha = 0.0002129 (1 of 2). Assumes 16 future values.

Constituent: Nickel Analysis Run 9/16/2024 1:49 PM View: Appendix I - Exceedances
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 9/16/2024 1:51 PM View: Appendix I - Exceedances

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17 (bg)	GWA-15 (bg)	GWC-14	GWA-16 (bg)	GWC-20	GWC-4	GWC-19
5/8/2010	0.048 (J)						
5/9/2010		0.01 (J)	0.01 (J)	0.031 (J)			
5/11/2010					0.032 (J)	0.031 (J)	0.018 (J)
6/16/2010	0.044 (J)			0.029 (J)			0.017 (J)
6/17/2010					0.031 (J)	0.033 (J)	
6/18/2010		0.01 (J)	0.0097 (J)				
7/26/2010	0.042 (J)						
7/27/2010				0.029 (J)	0.035 (J)		0.016 (J)
7/28/2010		0.011 (J)	0.0096 (J)			0.033 (J)	
9/7/2010	0.04 (J)			0.028 (J)	0.032 (J)		0.017 (J)
9/8/2010						0.033 (J)	
9/9/2010		0.011 (J)	0.01 (J)				
4/28/2011						0.039 (J)	
4/29/2011	0.038 (J)			0.026 (J)	0.031 (J)		0.018 (J)
4/30/2011		0.0091 (J)	0.0096 (J)				
10/28/2011	0.034	0.0096 (J)	0.0064 (O)	0.025	0.03		0.016
10/29/2011						0.029	
5/2/2012	0.03	0.012		0.025			0.018
5/3/2012			0.0054 (O)		0.032	0.036	
11/9/2012	0.039 (V)	0.012 (V)		0.028 (V)			0.017 (V)
11/10/2012			0.0094 (J)		0.028 (V)	0.032 (V)	
5/8/2013	0.034	0.01	0.0093 (J)	0.029			
5/9/2013					0.029		0.017
5/10/2013						0.035	
11/5/2013		0.0098 (J)	0.009 (J)				
11/6/2013	0.032			0.026	0.03 (V)	0.037	0.018 (V)
5/20/2014	0.03	0.0081 (J)	0.009 (J)	0.025			
5/22/2014					0.029	0.031	0.016
11/8/2014	0.031			0.026			0.018
11/9/2014					0.032	0.034	
11/12/2014		0.0098 (J)	0.0098 (J)				
5/22/2015	0.033	0.0088 (J)		0.026		0.039	
5/23/2015							0.018
5/24/2015			0.0096 (J)		0.029		
11/9/2015	0.034			0.024			
11/10/2015					0.026		0.017
11/11/2015		0.011	0.0092 (J)			0.042	
4/6/2016	0.0347	0.00959 (J)		0.026			
4/11/2016							0.0191
4/12/2016					0.033	0.0386	
4/13/2016			0.00929 (JD)				
6/15/2016	0.029	0.0091 (J)		0.023			
6/16/2016					0.028		0.017
6/20/2016						0.031	
6/21/2016			0.0106				
8/10/2016	0.027	0.009		0.022			
8/11/2016					0.026		0.015
8/12/2016						0.033	
8/15/2016			0.0077				
10/4/2016		<0.029	<0.029	0.024			
10/5/2016	<0.029				0.03		<0.029
10/6/2016						0.042	

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 9/16/2024 1:51 PM View: Appendix I - Exceedances
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17 (bg)	GWA-15 (bg)	GWC-14	GWA-16 (bg)	GWC-20	GWC-4	GWC-19
11/29/2016	0.024			0.023			0.017
11/30/2016		0.011			0.03	0.04	
12/1/2016			0.0089				
2/7/2017	0.029	0.0099	0.0089	0.024			
2/8/2017					0.033	0.042	0.017
4/4/2017	0.03	0.0092		0.022			
4/5/2017							0.017
4/6/2017			0.0085		0.033	0.041	
6/20/2017	0.036	0.0099	0.0097	0.025			
6/21/2017					0.03		0.019
6/22/2017						0.047	
10/4/2017		0.0098					
10/5/2017	0.027		0.0096	0.023	0.028		0.018
10/6/2017						0.045	
3/20/2018	0.027	0.01	0.0091	0.023			0.019
3/21/2018					<0.029 (X)	0.045	
10/2/2018	0.027	0.0099	0.0096	0.023			0.018
10/3/2018					0.028	0.042	
3/26/2019	0.031	0.0099	0.0092	0.024	0.03	0.053	0.018
9/10/2019	0.051	0.011		0.039		0.037	
9/11/2019			0.011				
9/12/2019					0.035		0.026
3/18/2020	0.031	0.01	0.0099 (J)	0.027			
3/19/2020					0.032	0.045	0.025
9/9/2020	0.033	0.01	0.01	0.024			0.026
9/10/2020					0.031	0.045	
4/1/2021	0.029	0.0092 (J)	0.0095 (J)	0.024			
4/2/2021						0.047	
4/5/2021					0.029		0.028
8/11/2021	0.029	0.01	0.012	0.023	0.031		0.031
8/12/2021						0.049	
2/15/2022	0.031	0.012		0.024		0.055	
2/16/2022			0.011		0.03		0.027
5/12/2022						0.06 (R)	
8/24/2022	0.031						
8/25/2022		0.012		0.025	0.031	0.054	0.03
8/26/2022			0.011				
12/28/2022						0.065 (R)	
2/27/2023			0.011			0.081	
2/28/2023	0.03	0.01		0.025	0.032		0.031
8/3/2023	0.027	0.01		0.026			
8/8/2023					0.035	0.085	0.032
8/9/2023			0.012				
2/28/2024	0.032			0.03			
2/29/2024						0.1	0.033
3/1/2024			0.012		0.036		
3/4/2024		0.01					
8/6/2024	0.033	0.01		0.031	0.037		0.035
8/7/2024						0.097	
8/8/2024			0.013				

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 9/16/2024 1:51 PM View: Appendix I - Exceedances

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17 (bg)	GWA-16 (bg)	GWA-15 (bg)	GWC-7
5/8/2010	0.0032 (J)			
5/9/2010		0.003 (J)	<0.002	
5/10/2010				0.007
6/16/2010	0.0037 (J)	0.0042 (J)		
6/18/2010			<0.002	0.011
7/26/2010	0.0058			
7/27/2010		0.0048 (J)		
7/28/2010			<0.002	0.0092
9/7/2010	0.0078	0.0037 (J)		
9/9/2010			<0.002	0.01
4/29/2011	0.005	0.0046 (J)		
4/30/2011			<0.002	0.012
10/28/2011	0.0068	0.005	<0.002	
10/29/2011				0.012
5/2/2012	0.0065	0.0052	<0.002	
5/4/2012				0.013
11/9/2012	0.006	0.0054	<0.002	
11/10/2012				0.0097
5/8/2013	0.0074	0.0058	<0.002	
5/9/2013				0.013
11/5/2013			0.0036	
11/6/2013	0.0082 (J)	0.0062 (J)		
11/7/2013				0.013
5/20/2014	0.0051 (J)	0.0047 (J)	<0.002	
5/21/2014				0.0091 (J)
11/8/2014	0.0074 (J)	0.0064 (J)		
11/12/2014			<0.002	0.0097 (J)
5/22/2015	0.0084 (J)	0.0059 (J)	<0.002	
5/24/2015				0.018
11/9/2015	0.009 (J)	0.0043 (J)		
11/11/2015			<0.002	0.0086 (J)
4/6/2016	0.00779 (J)	0.00457 (J)	<0.002	
4/13/2016				0.00924 (JD)
6/15/2016	<0.002	<0.002	<0.002	
6/20/2016				0.0084 (J)
8/10/2016	0.0068	0.0042	<0.002	
8/15/2016				0.0083
10/4/2016		0.0052	<0.002	
10/5/2016	0.0076			
10/6/2016				0.0081
11/29/2016	0.0045	0.004		
11/30/2016			<0.002	
12/1/2016				0.0083
2/7/2017	0.0067	0.004	<0.002	
2/9/2017				0.0087
4/4/2017	0.0079	0.0021 (J)	<0.002	
4/7/2017				0.009
6/20/2017	0.0084	0.0046	<0.002	
6/22/2017				0.0092
10/4/2017			<0.002	
10/5/2017	0.0061	0.005		
10/6/2017				0.0095

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 9/16/2024 1:51 PM View: Appendix I - Exceedances
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17 (bg)	GWA-16 (bg)	GWA-15 (bg)	GWC-7
3/20/2018	0.006	0.0044	<0.002 (D)	
3/22/2018				0.0086 (J+X)
10/2/2018	0.0061	0.0043	<0.002	
10/4/2018				0.0083
3/26/2019	0.0065	0.0046	<0.002	
3/27/2019				0.0088
9/10/2019	0.012	0.0076	0.0023 (J)	
9/11/2019				0.013
3/18/2020	0.0083	0.0044	<0.002	
3/19/2020				0.011
9/9/2020	0.0088	0.005	<0.002	
9/10/2020				0.0098
4/1/2021	0.0082	0.0053	<0.002	0.0091
8/11/2021	0.0089	0.0059	<0.002	0.0092
2/15/2022	0.0084	0.0056	<0.002	0.0088
8/24/2022	0.0076			
8/25/2022		0.0056	<0.002	0.0085
2/27/2023				0.0092
2/28/2023	0.0083	0.0061	<0.002	
8/3/2023	0.0089	0.0073	<0.002	
8/8/2023				0.0094
2/28/2024	0.0096	0.0071		
2/29/2024				0.012
3/4/2024			<0.002	
8/6/2024	0.0086	0.008	<0.002	0.02

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 9/16/2024 1:51 PM View: Appendix I - Exceedances

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17 (bg)	GWA-16 (bg)	GWA-15 (bg)	GWC-2
5/8/2010	<0.001			
5/9/2010		<0.001	<0.001	
5/11/2010				0.0033 (O)
6/16/2010	<0.001	<0.001		
6/18/2010			<0.001	
6/19/2010				<0.001
7/26/2010	<0.001			
7/27/2010		<0.001		<0.001
7/28/2010			<0.001	
9/7/2010	<0.001	<0.001		
9/9/2010			<0.001	<0.001
4/28/2011				<0.001
4/29/2011	<0.001	<0.001		
4/30/2011			<0.001	
10/28/2011	<0.001	<0.001	<0.001	<0.001
5/2/2012	<0.001	<0.001	<0.001	
5/3/2012				<0.001
11/9/2012	<0.001	<0.001	<0.001	<0.001
5/8/2013	<0.001	<0.001	<0.001	
5/9/2013				<0.001
11/5/2013			<0.001	<0.001
11/6/2013	<0.001	<0.001		
5/20/2014	<0.001	<0.001	<0.001	
5/22/2014				<0.001
11/8/2014	<0.001	<0.001		
11/12/2014			<0.001	
11/13/2014				<0.001
5/22/2015	<0.001	<0.001	<0.001	
5/24/2015				<0.001
11/9/2015	<0.001	<0.001		
11/11/2015			<0.001	<0.001
4/6/2016	<0.001	<0.001	0.00202 (J)	
4/12/2016				0.00206 (J)
10/4/2016		<0.001	<0.001	0.0023 (J)
10/5/2016	<0.001			
4/4/2017	<0.001	<0.001	<0.001	
4/6/2017				<0.001
10/4/2017			<0.001	0.0021 (J)
10/5/2017	<0.001	<0.001		
3/20/2018	<0.001	0.04 (O)	<0.001 (D)	<0.001
10/2/2018	<0.001	<0.001	<0.001	<0.001
3/26/2019	<0.001	<0.001	<0.001	<0.001
9/10/2019	0.0012	0.00037 (J)	0.00081 (J)	0.0022
3/18/2020	<0.001	<0.001	0.00043 (J)	0.0016
9/9/2020	0.00048 (J)	<0.001	0.00069 (J)	0.0016
4/1/2021	0.0004 (J)	<0.001	0.00049 (J)	0.0022
8/11/2021	<0.001	<0.001	0.00051 (J)	
8/12/2021				0.0028
2/15/2022	<0.001	<0.001	0.00065 (J)	0.0018
8/24/2022	0.00082 (J)			
8/25/2022		<0.001	0.001	
8/26/2022				0.002

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 9/16/2024 1:51 PM View: Appendix I - Exceedances
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17 (bg)	GWA-16 (bg)	GWA-15 (bg)	GWC-2
2/27/2023				0.0038
2/28/2023	<0.001	<0.001	0.00057 (J)	
8/3/2023	<0.001	<0.001	0.00099 (J)	
8/9/2023				0.0017
2/28/2024	<0.001	<0.001		
3/1/2024				0.0018
3/4/2024			<0.001	
8/6/2024	<0.001	<0.001	0.00085 (J)	0.0029

FIGURE G.

Appendix III Interwell Prediction Limits - Two Step - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 9/16/2024, 7:50 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	GWC-4	0.08	n/a	8/7/2024	0.13	Yes	69	n/a	n/a	97.1	n/a	n/a	0.0003928	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-6	0.08	n/a	8/7/2024	0.085	Yes	69	n/a	n/a	97.1	n/a	n/a	0.0003928	NP Inter (NDs) 1 of 2
Calcium (mg/L)	GWC-19	15	n/a	8/6/2024	20	Yes	69	n/a	n/a	0	n/a	n/a	0.0003928	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-20	15	n/a	8/6/2024	17	Yes	69	n/a	n/a	0	n/a	n/a	0.0003928	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-4	15	n/a	8/7/2024	29	Yes	69	n/a	n/a	0	n/a	n/a	0.0003928	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-7	15	n/a	8/6/2024	17	Yes	69	n/a	n/a	0	n/a	n/a	0.0003928	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-9	15	n/a	8/6/2024	22	Yes	69	n/a	n/a	0	n/a	n/a	0.0003928	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-4	7.2	n/a	8/7/2024	19	Yes	69	n/a	n/a	0	n/a	n/a	0.0003928	NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-10	3.5	n/a	8/6/2024	4.4	Yes	69	n/a	n/a	68.12	n/a	n/a	0.0003928	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-3	3.5	n/a	8/7/2024	15	Yes	69	n/a	n/a	68.12	n/a	n/a	0.0003928	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-4	3.5	n/a	8/7/2024	73	Yes	69	n/a	n/a	68.12	n/a	n/a	0.0003928	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-9	3.5	n/a	8/6/2024	22	Yes	69	n/a	n/a	68.12	n/a	n/a	0.0003928	NP Inter (NDs) 1 of 2
Total Dissolved Solids (mg/L)	GWC-4	137.1	n/a	8/7/2024	250	Yes	69	71.36	30.91	2.899	None	No	0.0004426	Param Inter 1 of 2

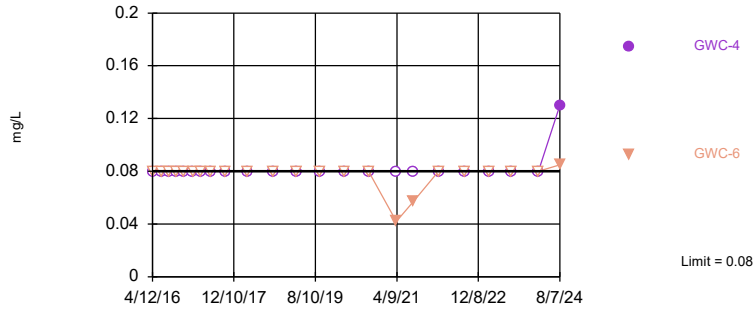
Appendix III Interwell Prediction Limits - Two Step - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 9/16/2024, 7:50 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	GWC-4	0.08	n/a	8/7/2024	0.13	Yes	69	n/a	n/a	97.1	n/a	n/a	0.0003928	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-6	0.08	n/a	8/7/2024	0.085	Yes	69	n/a	n/a	97.1	n/a	n/a	0.0003928	NP Inter (NDs) 1 of 2
Calcium (mg/L)	GWC-14	15	n/a	8/8/2024	8.3	No	69	n/a	n/a	0	n/a	n/a	0.0003928	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-19	15	n/a	8/6/2024	20	Yes	69	n/a	n/a	0	n/a	n/a	0.0003928	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-20	15	n/a	8/6/2024	17	Yes	69	n/a	n/a	0	n/a	n/a	0.0003928	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-4	15	n/a	8/7/2024	29	Yes	69	n/a	n/a	0	n/a	n/a	0.0003928	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-7	15	n/a	8/6/2024	17	Yes	69	n/a	n/a	0	n/a	n/a	0.0003928	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-9	15	n/a	8/6/2024	22	Yes	69	n/a	n/a	0	n/a	n/a	0.0003928	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-10	7.2	n/a	8/6/2024	5.2	No	69	n/a	n/a	0	n/a	n/a	0.0003928	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-14	7.2	n/a	8/8/2024	4.4	No	69	n/a	n/a	0	n/a	n/a	0.0003928	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-4	7.2	n/a	8/7/2024	19	Yes	69	n/a	n/a	0	n/a	n/a	0.0003928	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-7	7.2	n/a	8/6/2024	4.9	No	69	n/a	n/a	0	n/a	n/a	0.0003928	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-9	7.2	n/a	8/6/2024	5.2	No	69	n/a	n/a	0	n/a	n/a	0.0003928	NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-10	3.5	n/a	8/6/2024	4.4	Yes	69	n/a	n/a	68.12	n/a	n/a	0.0003928	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-3	3.5	n/a	8/7/2024	15	Yes	69	n/a	n/a	68.12	n/a	n/a	0.0003928	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-4	3.5	n/a	8/7/2024	73	Yes	69	n/a	n/a	68.12	n/a	n/a	0.0003928	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-7	3.5	n/a	8/6/2024	1.4	No	69	n/a	n/a	68.12	n/a	n/a	0.0003928	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-9	3.5	n/a	8/6/2024	22	Yes	69	n/a	n/a	68.12	n/a	n/a	0.0003928	NP Inter (NDs) 1 of 2
Total Dissolved Solids (mg/L)	GWC-4	137.1	n/a	8/7/2024	250	Yes	69	71.36	30.91	2.899	None	No	0.0004426	Param Inter 1 of 2

Sanitas™ v.10.0.22 . UG
 Hollow symbols indicate censored values.
 Exceeds Limit: GWC-4, GWC-6

Prediction Limit
 Interwell Non-parametric



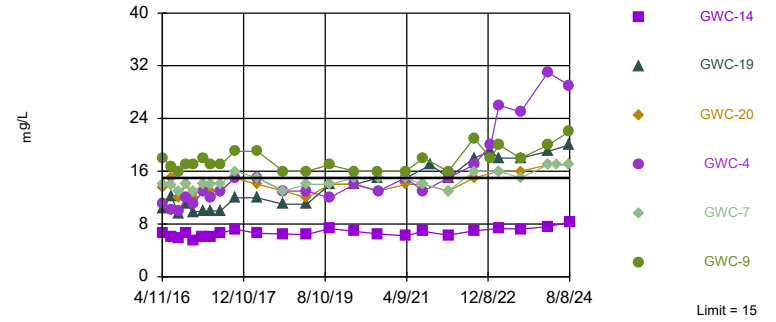
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 69 background values. 97.1% NDs. Annual per-constituent alpha = 0.01327. Individual comparison alpha = 0.0003928 (1 of 2). Comparing 2 points to limit. Assumes 15 future values.

Constituent: Boron Analysis Run 9/16/2024 7:48 PM View: Appendix III - Exceedances
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG

Exceeds Limit: GWC-19, GWC-20, GWC-4,
 GWC-7, GWC-9

Prediction Limit
 Interwell Non-parametric



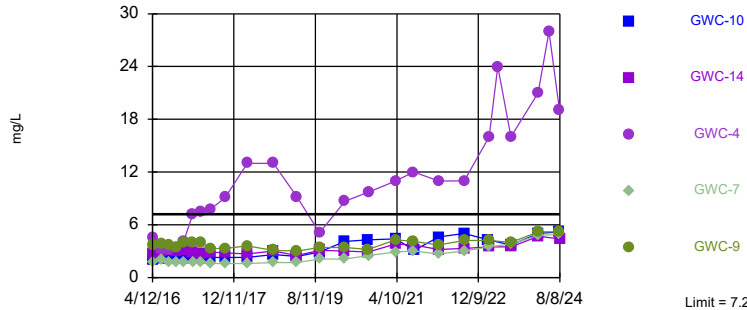
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Francia normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 69 background values. Annual per-constituent alpha = 0.01327. Individual comparison alpha = 0.0003928 (1 of 2). Comparing 6 points to limit. Assumes 11 future values.

Constituent: Calcium Analysis Run 9/16/2024 7:48 PM View: Appendix III - Exceedances
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG

Exceeds Limit: GWC-4

Prediction Limit
 Interwell Non-parametric



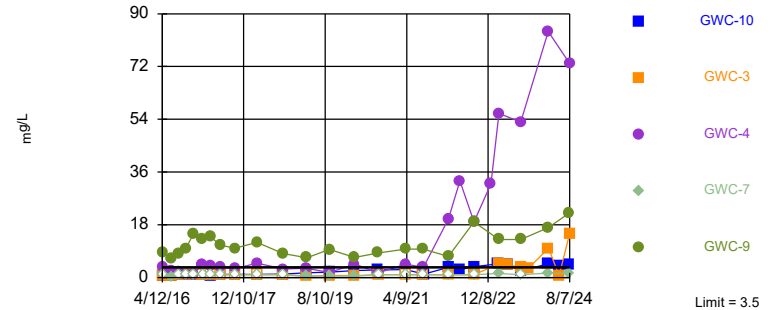
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Francia normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 69 background values. Annual per-constituent alpha = 0.01327. Individual comparison alpha = 0.0003928 (1 of 2). Comparing 5 points to limit. Assumes 12 future values.

Constituent: Chloride Analysis Run 9/16/2024 7:48 PM View: Appendix III - Exceedances
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sanitas™ v.10.0.22 . UG

Hollow symbols indicate censored values.
 Exceeds Limit: GWC-10, GWC-3, GWC-4,
 GWC-9

Prediction Limit
 Interwell Non-parametric

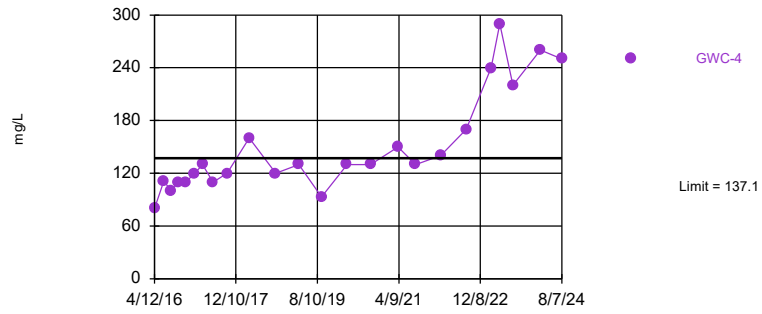


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 69 background values. 68.12% NDs. Annual per-constituent alpha = 0.01327. Individual comparison alpha = 0.0003928 (1 of 2). Comparing 5 points to limit. Assumes 12 future values.

Constituent: Sulfate Analysis Run 9/16/2024 7:48 PM View: Appendix III - Exceedances
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Exceeds Limit: GWC-4

Prediction Limit Interwell Parametric



Background Data Summary: Mean=71.36, Std. Dev.=30.91, n=69, 2.899% NDs. Normality test: Shapiro Francia @alpha = 0.01, calculated = 0.9836, critical = 0.951. Kappa = 2.128 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.007498. Individual comparison alpha = 0.0004426. Assumes 16 future values.

Constituent: Total Dissolved Solids Analysis Run 9/16/2024 7:48 PM View: Appendix III - Exceedances
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 9/16/2024 7:50 PM View: Appendix III - Exceedances

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-6	GWC-4
4/6/2016	<0.08	<0.08	<0.08		
4/12/2016				<0.08	<0.08
6/15/2016	<0.08	<0.08	0.0028 (J)		
6/20/2016				<0.08	<0.08
8/10/2016	<0.08	<0.08	<0.08		
8/12/2016				<0.08	<0.08
10/4/2016	<0.08	<0.08			
10/5/2016			<0.08		
10/6/2016				<0.08	<0.08
11/29/2016		<0.08	<0.08		
11/30/2016	<0.08			<0.08	<0.08
2/7/2017	<0.08	<0.08	<0.08		
2/8/2017					<0.08
2/9/2017				<0.08	
4/4/2017	<0.08	<0.08	<0.08		
4/6/2017				<0.08	<0.08
6/20/2017	<0.08	<0.08	<0.08		
6/21/2017				<0.08	
6/22/2017					<0.08
10/4/2017	<0.08				
10/5/2017		<0.08	<0.08		
10/6/2017				<0.08	<0.08
3/20/2018	<0.08 (D)	<0.08	<0.08		
3/21/2018				<0.08	<0.08
10/2/2018	<0.08	<0.08	<0.08		
10/3/2018				<0.08	<0.08
3/26/2019	<0.08	<0.08	<0.08	<0.08	<0.08
9/10/2019	<0.08	<0.08	<0.08		<0.08
9/11/2019				<0.08	
3/18/2020	<0.08	<0.08	<0.08	<0.08	
3/19/2020					<0.08
9/9/2020	<0.08	<0.08	<0.08		
9/10/2020				<0.08	<0.08
4/1/2021	<0.08	<0.08	<0.08		
4/2/2021					<0.08
4/5/2021				0.042 (J)	
8/11/2021	<0.08	<0.08	<0.08	0.057 (J)	
8/12/2021					<0.08
2/15/2022	<0.08	<0.08	<0.08	<0.08	<0.08
8/24/2022			<0.08		
8/25/2022	<0.08	<0.08		<0.08	<0.08
2/27/2023				<0.08	<0.08
2/28/2023	<0.08	<0.08	<0.08		
8/3/2023	0.03 (J)	<0.08	<0.08		
8/8/2023				<0.08	<0.08
2/28/2024		<0.08	<0.08		
2/29/2024				<0.08	<0.08
3/4/2024	<0.08				
8/6/2024	<0.08	<0.08	<0.08		
8/7/2024				0.085	0.13

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 9/16/2024 7:50 PM View: Appendix III - Exceedances

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-17 (bg)	GWA-16 (bg)	GWC-19	GWC-20	GWC-4	GWC-7	GWC-9	GWC-14
4/6/2016	3.62	6.58	12.1						
4/11/2016				10.4					
4/12/2016					13.5	11			
4/13/2016							14 (D)	18 (D)	6.55 (D)
6/15/2016	4.5	6.9	11.8						
6/16/2016				12.2	15				
6/20/2016						10.1	13.8		
6/21/2016									6.04
6/22/2016								16.7	
8/10/2016	3.8	5.5	10						
8/11/2016				9.5	12				
8/12/2016						9.9			
8/15/2016							13	16	5.9
10/4/2016	5.3		14						6.6
10/5/2016		6.8		11	14				
10/6/2016						12	14	17	
11/29/2016		4.8	10	9.8					
11/30/2016	4.7				12	11			
12/1/2016							13	17	5.4
2/7/2017	3.8	7.8	12						6.1
2/8/2017				10	14	13		18	
2/9/2017							14		
4/4/2017	3.8	6.4	11						
4/5/2017				10					
4/6/2017					13	12		17	6.1
4/7/2017							14		
6/20/2017	4.1	7	11						6.6
6/21/2017				10 (D)	13 (D)			17 (D)	
6/22/2017						13 (D)	14 (D)		
10/4/2017	4.6								
10/5/2017		6.6	13	12	15			19	7.2
10/6/2017						15	16		
3/20/2018	4.2 (D)	6.6	12	12					6.6
3/21/2018					14	15		19	
3/22/2018							15		
10/2/2018	4.2	5.8	11	11				16	6.5
10/3/2018					13	13			
10/4/2018							13		
3/26/2019	4	6.7	11	11	12	13			6.4
3/27/2019							14	16	
9/10/2019	4.8	7.5	12			12			
9/11/2019							14	17	7.3
9/12/2019				14	14				
3/18/2020	3.8	7.3	12					16	6.9
3/19/2020				14	14	14	15		
9/9/2020	4	7.3	11	15				16	6.5
9/10/2020					13	13	15		
4/1/2021	4	7.8	12				15	16	6.2
4/2/2021						15			
4/5/2021				15	14				
8/11/2021	4.1	7.3	11		14		14		6.9
8/12/2021						13		18	

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 9/16/2024 7:50 PM View: Appendix III - Exceedances

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-17 (bg)	GWA-16 (bg)	GWC-4	GWC-3	GWC-9	GWC-10	GWC-7
4/6/2016	0.799 (J)	<1	<1					
4/12/2016				3.56	0.419 (JD)			
4/13/2016						8.66 (D)	0.51 (JD)	<1 (D)
6/15/2016	<1	<1	<1					
6/20/2016				2.4	0.6 (J)			0.36 (J)
6/21/2016							0.58 (J)	
6/22/2016						6.3		
8/10/2016	<1	<1	<1					
8/15/2016						8	<1	<1
8/16/2016				1.7	<1			
10/4/2016	<1		<1					
10/5/2016		<1			<1		<1	
10/6/2016				1.2		10		<1
11/29/2016		<1	<1					
11/30/2016	<1			1.2	1.1			
12/1/2016						15	<1	<1
2/7/2017	0.8 (J)	<1	<1					
2/8/2017				4.6	<1	13	1	
2/9/2017								<1
4/4/2017	<1	<1	<1					
4/6/2017				4.1	<1	14	0.81 (J)	
4/7/2017								<1
6/20/2017	<1	<1	<1					
6/21/2017					<1	11	1.1	
6/22/2017				3.4				<1
10/4/2017	<1							
10/5/2017		<1	<1		<1	10	1.1	
10/6/2017				3				<1
3/20/2018	1.2	<1	<1					
3/21/2018				4.9	<1	12	1.1	
3/22/2018								<1
10/2/2018	<1	<1	<1			8.2	1.2	
10/3/2018				2.9	<1			
10/4/2018								<1
3/26/2019	2.1	0.58 (J)	<1	3.2	0.47 (J)			
3/27/2019						6.8	1.6	0.51 (J)
9/10/2019	0.65 (J)	0.44 (J)	<1	1.7	0.7 (J)			
9/11/2019						9.6	1.8	0.52 (J)
3/18/2020	3.1	0.51 (J)	0.67 (J)		0.6 (J)	6.9	2.4	
3/19/2020				4.6				0.54 (J)
9/9/2020	1.6	<1	<1			8.4	2.6	
9/10/2020				1.6	<1			<1
4/1/2021	2.7	<1	<1			9.7	2.7	<1
4/2/2021				4.6				
4/6/2021					<1			
8/11/2021	1.3	<1	<1					<1
8/12/2021				3.5	<1	9.7		
8/17/2021							1.2	
2/15/2022	2.6	<1	<1	20	0.91 (J)	7.2	3.5	<1
5/12/2022				33 (R)			2.7 (R)	
8/24/2022		<1						
8/25/2022	1.9		<1	19	0.99 (J)	19	3.7	<1

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 9/16/2024 7:50 PM View: Appendix III - Exceedances
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-17 (bg)	GWA-16 (bg)	GWC-4	GWC-3	GWC-9	GWC-10	GWC-7
12/28/2022				32 (R)				
2/21/2023							4.7	
2/27/2023				56		13		1.4
2/28/2023	3.5	1.3	1.4		4.7			
5/2/2023					4.2		4.3	
8/3/2023	1.7	<1	0.4 (J)					
8/8/2023				53		13		<1
8/9/2023					3.6		2.3	
10/4/2023					3.1 (R)			
2/28/2024		<1	<1					
2/29/2024				84				1.5
3/1/2024						17	4.7	
3/4/2024	2.8				10			
5/20/2024					0.64 (J,R)		3.9 (R)	
8/6/2024	1.3	<1	<1			22	4.4	1.4
8/7/2024				73	15			

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 9/16/2024 7:50 PM View: Appendix III - Exceedances

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-4
4/6/2016	38	84	61	
4/12/2016				80
6/15/2016	<10	139	113	
6/20/2016				111
8/10/2016	56	80	74	
8/16/2016				100
10/4/2016	48	62		
10/5/2016			44	
10/6/2016				110
11/29/2016		110	58	
11/30/2016	46			110
2/7/2017	18	70	4 (J)	
2/8/2017				120
4/4/2017	32	120	78	
4/6/2017				130
6/20/2017	38	76	50	
6/22/2017				110
10/4/2017	42			
10/5/2017		110	64	
10/6/2017				120
3/20/2018	20 (JX)	110	90	
3/21/2018				160
10/2/2018	48	110	90	
10/3/2018				120
3/26/2019	45	100	82	130
9/10/2019	42	75	51	93
3/18/2020	43	93	75	
3/19/2020				130
9/9/2020	<10	66	64	
9/10/2020				130
4/1/2021	55	100	68	
4/2/2021				150
8/11/2021	55	100	94	
8/12/2021				130
2/15/2022	42	99	79	140
8/24/2022			110	
8/25/2022	86	130		170
2/27/2023				240
2/28/2023	50	110	94	
5/2/2023				290
8/3/2023	53	110	85	
8/8/2023				220
2/28/2024		100	85	
2/29/2024				260
3/4/2024	41			
8/6/2024	53	110	86	
8/7/2024				250

FIGURE H.

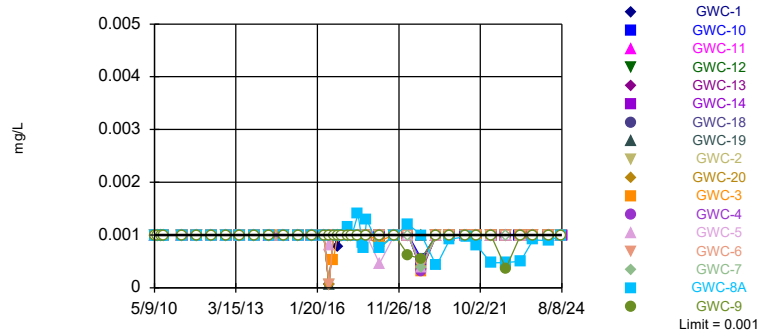
Appendix I Interwell Prediction Limits - All Results (No Significant)

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 9/16/2024, 1:56 PM

Constituent	Well	Upper Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Arsenic, Total (mg/L)	GWC-1	0.001	8/6/2024	0.001ND	No	111	n/a	n/a	97.3	n/a	n/a	0.0001598	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-10	0.001	8/6/2024	0.001ND	No	111	n/a	n/a	97.3	n/a	n/a	0.0001598	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-11	0.001	8/6/2024	0.001ND	No	111	n/a	n/a	97.3	n/a	n/a	0.0001598	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-12	0.001	8/6/2024	0.001ND	No	111	n/a	n/a	97.3	n/a	n/a	0.0001598	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-13	0.001	8/6/2024	0.001ND	No	111	n/a	n/a	97.3	n/a	n/a	0.0001598	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-14	0.001	8/8/2024	0.001ND	No	111	n/a	n/a	97.3	n/a	n/a	0.0001598	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-18	0.001	8/6/2024	0.001ND	No	111	n/a	n/a	97.3	n/a	n/a	0.0001598	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-19	0.001	8/6/2024	0.001ND	No	111	n/a	n/a	97.3	n/a	n/a	0.0001598	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-2	0.001	8/6/2024	0.001ND	No	111	n/a	n/a	97.3	n/a	n/a	0.0001598	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-20	0.001	8/6/2024	0.001ND	No	111	n/a	n/a	97.3	n/a	n/a	0.0001598	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-3	0.001	8/7/2024	0.001ND	No	111	n/a	n/a	97.3	n/a	n/a	0.0001598	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-4	0.001	8/7/2024	0.001ND	No	111	n/a	n/a	97.3	n/a	n/a	0.0001598	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-5	0.001	8/6/2024	0.001ND	No	111	n/a	n/a	97.3	n/a	n/a	0.0001598	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-6	0.001	8/7/2024	0.001ND	No	111	n/a	n/a	97.3	n/a	n/a	0.0001598	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-7	0.001	8/6/2024	0.001ND	No	111	n/a	n/a	97.3	n/a	n/a	0.0001598	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-8A	0.001	8/6/2024	0.001ND	No	111	n/a	n/a	97.3	n/a	n/a	0.0001598	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-9	0.001	8/6/2024	0.001ND	No	111	n/a	n/a	97.3	n/a	n/a	0.0001598	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-1	0.001	8/6/2024	0.001ND	No	96	n/a	n/a	100	n/a	n/a	0.0002086	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-10	0.001	8/6/2024	0.001ND	No	96	n/a	n/a	100	n/a	n/a	0.0002086	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-11	0.001	8/6/2024	0.001ND	No	96	n/a	n/a	100	n/a	n/a	0.0002086	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-12	0.001	8/6/2024	0.001ND	No	96	n/a	n/a	100	n/a	n/a	0.0002086	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-13	0.001	8/6/2024	0.001ND	No	96	n/a	n/a	100	n/a	n/a	0.0002086	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-14	0.001	8/8/2024	0.001ND	No	96	n/a	n/a	100	n/a	n/a	0.0002086	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-18	0.001	8/6/2024	0.001ND	No	96	n/a	n/a	100	n/a	n/a	0.0002086	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-19	0.001	8/6/2024	0.001ND	No	96	n/a	n/a	100	n/a	n/a	0.0002086	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-2	0.001	8/6/2024	0.001ND	No	96	n/a	n/a	100	n/a	n/a	0.0002086	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-20	0.001	8/6/2024	0.001ND	No	96	n/a	n/a	100	n/a	n/a	0.0002086	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-3	0.001	8/7/2024	0.001ND	No	96	n/a	n/a	100	n/a	n/a	0.0002086	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-4	0.001	8/7/2024	0.001ND	No	96	n/a	n/a	100	n/a	n/a	0.0002086	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-5	0.001	8/6/2024	0.001ND	No	96	n/a	n/a	100	n/a	n/a	0.0002086	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-6	0.001	8/7/2024	0.001ND	No	96	n/a	n/a	100	n/a	n/a	0.0002086	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-7	0.001	8/6/2024	0.001ND	No	96	n/a	n/a	100	n/a	n/a	0.0002086	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-8A	0.001	8/6/2024	0.001ND	No	96	n/a	n/a	100	n/a	n/a	0.0002086	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-9	0.001	8/6/2024	0.001ND	No	96	n/a	n/a	100	n/a	n/a	0.0002086	NP Inter (NDs) 1 of 2

Within Limit

Prediction Limit
 Interwell Non-parametric

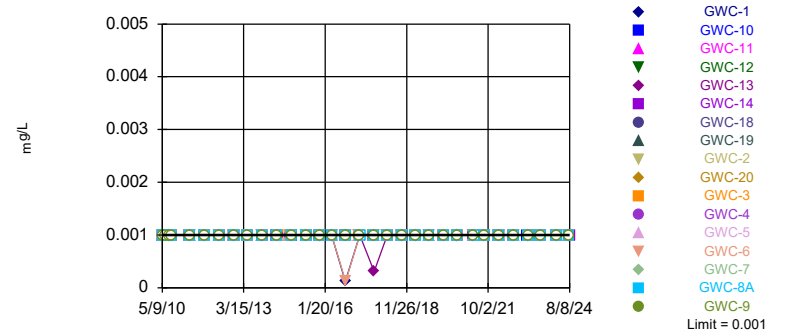


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 111 background values. 97.3% NDs. Annual per-constituent alpha = 0.005418. Individual comparison alpha = 0.0001598 (1 of 2). Comparing 17 points to limit.

Constituent: Arsenic, Total Analysis Run 9/16/2024 1:55 PM View: Appendix I - Interwell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
 Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 96) were censored; limit is most recent reporting limit. Annual per-constituent alpha = 0.007067. Individual comparison alpha = 0.0002086 (1 of 2). Comparing 17 points to limit.

Constituent: Silver Analysis Run 9/16/2024 1:55 PM View: Appendix I - Interwell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Prediction Limit

Constituent: Arsenic, Total (mg/L) Analysis Run 9/16/2024 1:56 PM View: Appendix I - Interwell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17 (bg)	GWA-15 (bg)	GWC-14	GWC-13	GWC-12	GWA-16 (bg)	GWC-11	GWC-10	GWC-7
5/8/2010	<0.001								
5/9/2010		<0.001	<0.001	<0.001	<0.001	<0.001			
5/10/2010							<0.001	<0.001	<0.001
5/11/2010									
6/16/2010	<0.001					<0.001	<0.001	<0.001	
6/17/2010									
6/18/2010		<0.001	<0.001	<0.001	<0.001				<0.001
6/19/2010									
7/26/2010	<0.001								
7/27/2010					<0.001	<0.001	<0.001		
7/28/2010		<0.001	<0.001					<0.001	<0.001
7/29/2010				<0.001					
9/7/2010	<0.001					<0.001			
9/8/2010					<0.001		<0.001	<0.001	
9/9/2010		<0.001	<0.001	<0.001					<0.001
4/26/2011				<0.001					
4/28/2011									
4/29/2011	<0.001				<0.001	<0.001	<0.001	<0.001	
4/30/2011		<0.001	<0.001						<0.001
10/27/2011							<0.001	<0.001	
10/28/2011	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			
10/29/2011									<0.001
5/2/2012	<0.001	<0.001				<0.001			
5/3/2012			<0.001		<0.001				
5/4/2012				<0.001			<0.001	<0.001	<0.001
11/9/2012	<0.001	<0.001				<0.001			
11/10/2012			<0.001		<0.001		<0.001		<0.001
11/11/2012				<0.001				<0.001	
5/8/2013	<0.001	<0.001	<0.001	<0.001		<0.001			
5/9/2013					<0.001		<0.001	<0.001	<0.001
5/10/2013									
11/5/2013		<0.001	<0.001					<0.001	
11/6/2013	<0.001				<0.001	<0.001	<0.001		
11/7/2013				<0.001					<0.001
5/20/2014	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		
5/21/2014								<0.001	<0.001
5/22/2014									
5/23/2014									
11/8/2014	<0.001					<0.001			
11/9/2014									
11/12/2014		<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
11/13/2014									
5/22/2015	<0.001	<0.001				<0.001			
5/23/2015					<0.001			<0.001	
5/24/2015			<0.001	<0.001			<0.001		<0.001
11/9/2015	<0.001					<0.001			
11/10/2015									
11/11/2015		<0.001	<0.001						<0.001
11/12/2015				<0.001	<0.001		<0.001	<0.001	
4/6/2016	<0.001	<0.001				<0.001			
4/11/2016									
4/12/2016									

Prediction Limit

Constituent: Arsenic, Total (mg/L) Analysis Run 9/16/2024 1:56 PM View: Appendix I - Interwell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17 (bg)	GWA-15 (bg)	GWC-14	GWC-13	GWC-12	GWA-16 (bg)	GWC-11	GWC-10	GWC-7
4/13/2016			<0.001 (D)	<0.001 (D)	<0.001 (D)		<0.001 (D)	<0.001 (D)	<0.001 (D)
4/19/2016									
6/15/2016	<0.001	<0.001				<0.001			
6/16/2016									
6/20/2016									<0.001
6/21/2016			<0.001	<0.001	<0.001		<0.001	<0.001	
6/22/2016									
8/10/2016	<0.001	<0.001				<0.001			
8/11/2016									
8/12/2016									
8/15/2016			<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
8/16/2016									
10/4/2016		<0.001	<0.001			<0.001			
10/5/2016	<0.001				<0.001		<0.001	<0.001	
10/6/2016									<0.001
10/7/2016				<0.001					
10/10/2016									
11/29/2016	<0.001					<0.001			
11/30/2016		<0.001							
12/1/2016			<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
2/7/2017	<0.001	<0.001	<0.001			<0.001			
2/8/2017							<0.001	<0.001	
2/9/2017				<0.001					<0.001
4/4/2017	<0.001	<0.001				<0.001			
4/5/2017					<0.001				
4/6/2017			<0.001	<0.001			<0.001	<0.001	
4/7/2017									<0.001
6/20/2017	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001		
6/21/2017								<0.001	
6/22/2017				<0.001					<0.001
8/15/2017									
9/1/2017									
10/4/2017		<0.001							
10/5/2017	<0.001		<0.001		<0.001	<0.001	<0.001	<0.001	
10/6/2017				<0.001					<0.001
10/9/2017									
3/20/2018	<0.001	<0.001 (D)	<0.001			<0.001			
3/21/2018					<0.001 (D)		<0.001	<0.001	
3/22/2018				<0.001					<0.001
10/2/2018	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	
10/3/2018				<0.001					
10/4/2018									<0.001
3/26/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			
3/27/2019							<0.001	<0.001	<0.001
9/10/2019	0.00069 (J)	0.00032 (J)				0.00049 (J)			
9/11/2019			0.00045 (J)	0.00042 (J)	0.00038 (J)		0.00045 (J)	0.00055 (J)	0.00038 (J)
9/12/2019									
3/18/2020	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
3/19/2020									<0.001
9/9/2020	<0.001	<0.001	<0.001			<0.001		<0.001	
9/10/2020				<0.001	<0.001		<0.001		<0.001
4/1/2021	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001

Prediction Limit

Constituent: Arsenic, Total (mg/L) Analysis Run 9/16/2024 1:56 PM View: Appendix I - Interwell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17 (bg)	GWA-15 (bg)	GWC-14	GWC-13	GWC-12	GWA-16 (bg)	GWC-11	GWC-10	GWC-7
4/2/2021									
4/5/2021									
4/6/2021				<0.001					
8/11/2021	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001
8/12/2021									
8/17/2021								<0.001	
8/18/2021									
2/15/2022	<0.001	<0.001				<0.001		<0.001	<0.001
2/16/2022			<0.001	<0.001	<0.001		<0.001		
8/24/2022	<0.001								
8/25/2022		<0.001				<0.001	<0.001	<0.001	<0.001
8/26/2022			<0.001	<0.001	<0.001				
2/21/2023								<0.001	
2/27/2023			<0.001	<0.001	<0.001		<0.001		<0.001
2/28/2023	<0.001	<0.001				<0.001			
8/3/2023	<0.001	<0.001				<0.001			
8/8/2023									<0.001
8/9/2023			<0.001	<0.001	<0.001		<0.001	<0.001	
2/28/2024	<0.001					<0.001			
2/29/2024					<0.001		<0.001		<0.001
3/1/2024			<0.001	<0.001				<0.001	
3/4/2024		<0.001							
8/6/2024	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
8/7/2024									
8/8/2024			<0.001						

Prediction Limit

Constituent: Arsenic, Total (mg/L) Analysis Run 9/16/2024 1:56 PM View: Appendix I - Interwell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-8A	GWC-9	GWC-18	GWC-2	GWC-5	GWC-6	GWC-1	GWC-3	GWC-20
5/8/2010									
5/9/2010									
5/10/2010	<0.001	<0.001	<0.001						
5/11/2010				<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
6/16/2010		<0.001	<0.001						
6/17/2010							<0.001	<0.001	<0.001
6/18/2010					<0.001	<0.001			
6/19/2010	<0.001			<0.001					
7/26/2010			<0.001						
7/27/2010		<0.001		<0.001	<0.001	<0.001	<0.001		<0.001
7/28/2010	<0.001							<0.001	
7/29/2010									
9/7/2010			<0.001					<0.001	<0.001
9/8/2010	<0.001	<0.001							
9/9/2010				<0.001	<0.001	<0.001	<0.001		
4/26/2011									
4/28/2011				<0.001			<0.001		
4/29/2011		<0.001	<0.001		<0.001			<0.001	<0.001
4/30/2011	<0.001					<0.001			
10/27/2011	<0.001	<0.001							
10/28/2011			<0.001	<0.001	<0.001			<0.001	<0.001
10/29/2011						<0.001	<0.001		
5/2/2012			<0.001						
5/3/2012		<0.001		<0.001			<0.001	<0.001	<0.001
5/4/2012	<0.001				<0.001	<0.001			
11/9/2012			<0.001	<0.001			<0.001	<0.001	
11/10/2012					<0.001	<0.001			<0.001
11/11/2012	<0.001	<0.001							
5/8/2013			<0.001						
5/9/2013		<0.001		<0.001	<0.001	<0.001	<0.001		<0.001
5/10/2013	<0.001							<0.001	
11/5/2013				<0.001			<0.001		
11/6/2013		<0.001	<0.001		<0.001			<0.001	<0.001
11/7/2013	<0.001					<0.001			
5/20/2014									
5/21/2014	<0.001	<0.001				<0.001			
5/22/2014				<0.001	<0.001			<0.001	<0.001
5/23/2014			<0.001				<0.001		
11/8/2014			<0.001						
11/9/2014					<0.001	<0.001		<0.001	<0.001
11/12/2014		<0.001							
11/13/2014	<0.001			<0.001			<0.001		
5/22/2015			<0.001					<0.001	
5/23/2015	<0.001	<0.001					<0.001		
5/24/2015				<0.001	<0.001	<0.001			<0.001
11/9/2015									
11/10/2015			<0.001					<0.001	<0.001
11/11/2015	<0.001			<0.001	<0.001	<0.001	<0.001		
11/12/2015		<0.001							
4/6/2016									
4/11/2016			<0.001						
4/12/2016				<0.001		<0.001	<0.001	<0.001 (D)	<0.001

Prediction Limit

Constituent: Arsenic, Total (mg/L) Analysis Run 9/16/2024 1:56 PM View: Appendix I - Interwell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-8A	GWC-9	GWC-18	GWC-2	GWC-5	GWC-6	GWC-1	GWC-3	GWC-20
4/13/2016		<0.001 (D)							
4/19/2016	<0.001				<0.001				
6/15/2016									
6/16/2016			<0.001	5.5E-05 (J)			6E-05 (J)		5.4E-05 (J)
6/20/2016						6.3E-05 (J)		<0.001	
6/21/2016									
6/22/2016		<0.001			0.0008				
8/10/2016									
8/11/2016			<0.001	<0.001			<0.001		<0.001
8/12/2016						<0.001		0.00053 (J)	
8/15/2016		<0.001							
8/16/2016					<0.001				
10/4/2016				<0.001			0.00079		
10/5/2016			<0.001					<0.001	<0.001
10/6/2016		<0.001			<0.001	<0.001			
10/7/2016									
10/10/2016	<0.001								
11/29/2016			<0.001						
11/30/2016				<0.001		<0.001	<0.001	<0.001	<0.001
12/1/2016	<0.001	<0.001			<0.001				
2/7/2017				<0.001			<0.001		
2/8/2017		<0.001	<0.001					<0.001	<0.001
2/9/2017	0.00115 (JD)				<0.001	<0.001			
4/4/2017									
4/5/2017							<0.001		
4/6/2017		<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001
4/7/2017	<0.001								
6/20/2017				<0.001			<0.001		
6/21/2017	0.0014	<0.001	<0.001		<0.001	<0.001		<0.001	<0.001
6/22/2017									
8/15/2017	0.00086								
9/1/2017	0.00075								
10/4/2017				<0.001			<0.001		
10/5/2017		<0.001	<0.001		<0.001			<0.001	<0.001
10/6/2017						<0.001			
10/9/2017	0.0013								
3/20/2018			<0.001	<0.001			<0.001		
3/21/2018		<0.001				<0.001		0.00089	0.00078
3/22/2018	0.00075				0.00046 (J)				
10/2/2018		<0.001	<0.001	<0.001			<0.001		
10/3/2018					<0.001	<0.001		<0.001	<0.001
10/4/2018	<0.001								
3/26/2019			<0.001	<0.001		<0.001	<0.001	<0.001	<0.001
3/27/2019	0.0012	0.00062			<0.001				
9/10/2019				0.00038 (J)			0.00033 (J)	0.00032 (J)	
9/11/2019	0.001 (J)	0.00055 (J)	0.00043 (J)		0.00038 (J)	0.00041 (J)			
9/12/2019									<0.001
3/18/2020	0.00042 (J)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
3/19/2020									<0.001
9/9/2020	0.00092 (J)	<0.001	<0.001	<0.001	<0.001		<0.001		
9/10/2020						<0.001		<0.001	<0.001
4/1/2021		<0.001	<0.001	<0.001	<0.001		<0.001		

Prediction Limit

Constituent: Arsenic, Total (mg/L) Analysis Run 9/16/2024 1:56 PM View: Appendix I - Interwell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-8A	GWC-9	GWC-18	GWC-2	GWC-5	GWC-6	GWC-1	GWC-3	GWC-20
4/2/2021									
4/5/2021	0.00097 (J)					<0.001			<0.001
4/6/2021								<0.001	
8/11/2021			<0.001			<0.001			<0.001
8/12/2021	0.00081 (J)	<0.001		<0.001	<0.001			<0.001	
8/17/2021									
8/18/2021							<0.001		
2/15/2022	0.00047 (J)	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	
2/16/2022			<0.001						<0.001
8/24/2022							<0.001		
8/25/2022	0.00048 (J)	0.00037 (J)	<0.001		<0.001	<0.001		<0.001	<0.001
8/26/2022				<0.001					
2/21/2023									
2/27/2023	0.0005 (J)	<0.001		<0.001		<0.001	<0.001		
2/28/2023			<0.001		<0.001			<0.001	<0.001
8/3/2023									
8/8/2023	0.00091 (J)	<0.001			<0.001	<0.001			<0.001
8/9/2023			<0.001	<0.001			<0.001	<0.001	
2/28/2024									
2/29/2024	0.00089 (J)		<0.001		<0.001	<0.001			
3/1/2024		<0.001		<0.001			<0.001		<0.001
3/4/2024								<0.001	
8/6/2024	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001		<0.001
8/7/2024						<0.001		<0.001	
8/8/2024									

Prediction Limit

Constituent: Arsenic, Total (mg/L) Analysis Run 9/16/2024 1:56 PM View: Appendix I - Interwell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-4	GWC-19
5/8/2010		
5/9/2010		
5/10/2010		
5/11/2010	<0.001	<0.001
6/16/2010		<0.001
6/17/2010	<0.001	
6/18/2010		
6/19/2010		
7/26/2010		
7/27/2010		<0.001
7/28/2010	<0.001	
7/29/2010		
9/7/2010		<0.001
9/8/2010	<0.001	
9/9/2010		
4/26/2011		
4/28/2011	<0.001	
4/29/2011		<0.001
4/30/2011		
10/27/2011		
10/28/2011		<0.001
10/29/2011	<0.001	
5/2/2012		<0.001
5/3/2012	<0.001	
5/4/2012		
11/9/2012		<0.001
11/10/2012	<0.001	
11/11/2012		
5/8/2013		
5/9/2013		<0.001
5/10/2013	<0.001	
11/5/2013		
11/6/2013	<0.001	<0.001
11/7/2013		
5/20/2014		
5/21/2014		
5/22/2014	<0.001	<0.001
5/23/2014		
11/8/2014		<0.001
11/9/2014	<0.001	
11/12/2014		
11/13/2014		
5/22/2015	<0.001	
5/23/2015		<0.001
5/24/2015		
11/9/2015		
11/10/2015		<0.001
11/11/2015	<0.001	
11/12/2015		
4/6/2016		
4/11/2016		<0.001
4/12/2016	<0.001	

Prediction Limit

Constituent: Arsenic, Total (mg/L) Analysis Run 9/16/2024 1:56 PM View: Appendix I - Interwell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-4	GWC-19
4/13/2016		
4/19/2016		
6/15/2016		
6/16/2016		5.1E-05 (J)
6/20/2016	<0.001	
6/21/2016		
6/22/2016		
8/10/2016		
8/11/2016		<0.001
8/12/2016	<0.001	
8/15/2016		
8/16/2016		
10/4/2016		
10/5/2016		<0.001
10/6/2016	<0.001	
10/7/2016		
10/10/2016		
11/29/2016		<0.001
11/30/2016	<0.001	
12/1/2016		
2/7/2017		
2/8/2017	<0.001	<0.001
2/9/2017		
4/4/2017		
4/5/2017		<0.001
4/6/2017	<0.001	
4/7/2017		
6/20/2017		
6/21/2017		<0.001
6/22/2017	<0.001	
8/15/2017		
9/1/2017		
10/4/2017		
10/5/2017		<0.001
10/6/2017	<0.001	
10/9/2017		
3/20/2018		<0.001
3/21/2018	<0.001	
3/22/2018		
10/2/2018		<0.001
10/3/2018	<0.001	
10/4/2018		
3/26/2019	<0.001	<0.001
3/27/2019		
9/10/2019	0.00032 (J)	
9/11/2019		
9/12/2019		<0.001
3/18/2020		
3/19/2020	<0.001	<0.001
9/9/2020		<0.001
9/10/2020	<0.001	
4/1/2021		

Prediction Limit

Constituent: Arsenic, Total (mg/L) Analysis Run 9/16/2024 1:56 PM View: Appendix I - Interwell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-4	GWC-19
4/2/2021	<0.001	
4/5/2021		<0.001
4/6/2021		
8/11/2021		<0.001
8/12/2021	<0.001	
8/17/2021		
8/18/2021		
2/15/2022	<0.001	
2/16/2022		<0.001
8/24/2022		
8/25/2022	<0.001	<0.001
8/26/2022		
2/21/2023		
2/27/2023	<0.001	
2/28/2023		<0.001
8/3/2023		
8/8/2023	<0.001	<0.001
8/9/2023		
2/28/2024		
2/29/2024	<0.001	<0.001
3/1/2024		
3/4/2024		
8/6/2024		<0.001
8/7/2024	<0.001	
8/8/2024		

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 9/16/2024 1:56 PM View: Appendix I - Interwell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17 (bg)	GWA-15 (bg)	GWC-14	GWA-16 (bg)	GWC-12	GWC-13	GWC-11	GWC-7	GWC-10
5/8/2010	<0.001								
5/9/2010		<0.001	<0.001	<0.001	<0.001	<0.001			
5/10/2010							<0.001	<0.001	<0.001
5/11/2010									
6/16/2010	<0.001			<0.001			<0.001		<0.001
6/17/2010									
6/18/2010		<0.001	<0.001		<0.001	<0.001		<0.001	
6/19/2010									
7/26/2010	<0.001								
7/27/2010				<0.001	<0.001		<0.001		
7/28/2010		<0.001	<0.001					<0.001	<0.001
7/29/2010						<0.001			
9/7/2010	<0.001			<0.001					
9/8/2010					<0.001		<0.001		<0.001
9/9/2010		<0.001	<0.001			<0.001		<0.001	
4/26/2011						<0.001			
4/28/2011									
4/29/2011	<0.001			<0.001	<0.001		<0.001		<0.001
4/30/2011		<0.001	<0.001					<0.001	
10/27/2011							<0.001		<0.001
10/28/2011	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			
10/29/2011								<0.001	
5/2/2012	<0.001	<0.001		<0.001					
5/3/2012			<0.001		<0.001				
5/4/2012						<0.001	<0.001	<0.001	<0.001
11/9/2012	<0.001	<0.001		<0.001					
11/10/2012			<0.001		<0.001		<0.001	<0.001	
11/11/2012						<0.001			<0.001
5/8/2013	<0.001	<0.001	<0.001	<0.001		<0.001			
5/9/2013					<0.001		<0.001	<0.001	<0.001
5/10/2013									
11/5/2013		<0.001	<0.001						<0.001
11/6/2013	<0.001			<0.001	<0.001		<0.001		
11/7/2013						<0.001		<0.001	
5/20/2014	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		
5/21/2014								<0.001	<0.001
5/22/2014									
5/23/2014									
11/8/2014	<0.001			<0.001					
11/9/2014									
11/12/2014		<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001
11/13/2014									
5/22/2015	<0.001	<0.001		<0.001					
5/23/2015					<0.001				<0.001
5/24/2015			<0.001			<0.001	<0.001	<0.001	
11/9/2015	<0.001			<0.001					
11/10/2015									
11/11/2015		<0.001	<0.001					<0.001	
11/12/2015					<0.001	<0.001	<0.001		<0.001
4/6/2016	<0.001	<0.001		<0.001					
4/11/2016									
4/12/2016									

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 9/16/2024 1:56 PM View: Appendix I - Interwell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17 (bg)	GWA-15 (bg)	GWC-14	GWA-16 (bg)	GWC-12	GWC-13	GWC-11	GWC-7	GWC-10
4/13/2016			<0.001 (D)		<0.001 (D)	<0.001 (D)	<0.001 (D)	<0.001 (D)	<0.001 (D)
4/19/2016									
10/4/2016		<0.001	<0.001	<0.001					
10/5/2016	<0.001				<0.001		<0.001		<0.001
10/6/2016								<0.001	
10/7/2016						<0.001			
10/10/2016									
4/4/2017	<0.001	<0.001		<0.001					
4/5/2017					<0.001				
4/6/2017			<0.001			<0.001	<0.001		<0.001
4/7/2017								<0.001	
10/4/2017		<0.001							
10/5/2017	<0.001		<0.001	<0.001	<0.001		<0.001		<0.001
10/6/2017						0.00031		<0.001	
10/9/2017									
3/20/2018	<0.001	<0.001 (D)	<0.001	<0.001					
3/21/2018					<0.001 (D)		<0.001		<0.001
3/22/2018						<0.001		<0.001	
10/2/2018	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001		<0.001
10/3/2018						<0.001			
10/4/2018								<0.001	
3/26/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			
3/27/2019							<0.001	<0.001	<0.001
9/10/2019	<0.001	<0.001		<0.001					
9/11/2019			<0.001		<0.001	<0.001	<0.001 (D)	<0.001	<0.001
9/12/2019									
3/18/2020	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001
3/19/2020								<0.001	
9/9/2020	<0.001	<0.001	<0.001	<0.001					<0.001
9/10/2020					<0.001	<0.001	<0.001	<0.001	
4/1/2021	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
4/2/2021									
4/5/2021									
4/6/2021						<0.001			
8/11/2021	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
8/12/2021									
8/17/2021									<0.001
8/18/2021									
2/15/2022	<0.001	<0.001		<0.001				<0.001	<0.001
2/16/2022			<0.001		<0.001	<0.001	<0.001		
8/24/2022	<0.001								
8/25/2022		<0.001		<0.001			<0.001	<0.001	<0.001
8/26/2022			<0.001		<0.001	<0.001			
2/21/2023									<0.001
2/27/2023			<0.001		<0.001	<0.001	<0.001	<0.001	
2/28/2023	<0.001	<0.001		<0.001					
8/3/2023	<0.001	<0.001		<0.001					
8/8/2023								<0.001	
8/9/2023			<0.001		<0.001	<0.001	<0.001		<0.001
2/28/2024	<0.001			<0.001					
2/29/2024					<0.001		<0.001	<0.001	
3/1/2024			<0.001			<0.001			<0.001

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 9/16/2024 1:56 PM View: Appendix I - Interwell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17 (bg)	GWA-15 (bg)	GWC-14	GWA-16 (bg)	GWC-12	GWC-13	GWC-11	GWC-7	GWC-10
3/4/2024		<0.001							
8/6/2024	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
8/7/2024									
8/8/2024			<0.001						

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 9/16/2024 1:56 PM View: Appendix I - Interwell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-9	GWC-8A	GWC-18	GWC-6	GWC-19	GWC-5	GWC-4	GWC-2	GWC-3
5/8/2010									
5/9/2010									
5/10/2010	<0.001	<0.001	<0.001						
5/11/2010				<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
6/16/2010	<0.001		<0.001		<0.001				
6/17/2010							<0.001		<0.001
6/18/2010				<0.001		<0.001			
6/19/2010		<0.001						<0.001	
7/26/2010			<0.001						
7/27/2010	<0.001			<0.001	<0.001	<0.001		<0.001	
7/28/2010		<0.001					<0.001		<0.001
7/29/2010									
9/7/2010			<0.001		<0.001				<0.001
9/8/2010	<0.001	<0.001					<0.001		
9/9/2010				<0.001		<0.001		<0.001	
4/26/2011									
4/28/2011							<0.001	<0.001	
4/29/2011	<0.001		<0.001		<0.001	<0.001			<0.001
4/30/2011		<0.001		<0.001					
10/27/2011	<0.001	<0.001							
10/28/2011			<0.001		<0.001	<0.001		<0.001	<0.001
10/29/2011				<0.001			<0.001		
5/2/2012			<0.001		<0.001				
5/3/2012	<0.001						<0.001	<0.001	<0.001
5/4/2012		<0.001		<0.001		<0.001			
11/9/2012			<0.001		<0.001			<0.001	<0.001
11/10/2012				<0.001		<0.001	<0.001		
11/11/2012	<0.001	<0.001							
5/8/2013			<0.001						
5/9/2013	<0.001			<0.001	<0.001	<0.001		<0.001	
5/10/2013		<0.001					<0.001		<0.001
11/5/2013								<0.001	
11/6/2013	<0.001		<0.001		<0.001	<0.001	<0.001		<0.001
11/7/2013		<0.001		<0.001					
5/20/2014									
5/21/2014	<0.001	<0.001		<0.001					
5/22/2014					<0.001	<0.001	<0.001	<0.001	<0.001
5/23/2014			<0.001						
11/8/2014			<0.001		<0.001				
11/9/2014				<0.001		<0.001	<0.001		<0.001
11/12/2014	<0.001								
11/13/2014		<0.001						<0.001	
5/22/2015			<0.001				<0.001		<0.001
5/23/2015	<0.001	<0.001			<0.001				
5/24/2015				<0.001		<0.001		<0.001	
11/9/2015									
11/10/2015			<0.001		<0.001				<0.001
11/11/2015		<0.001		<0.001		<0.001	<0.001	<0.001	
11/12/2015	<0.001								
4/6/2016									
4/11/2016			<0.001		<0.001				
4/12/2016				<0.001			<0.001	<0.001	<0.001 (D)

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 9/16/2024 1:56 PM View: Appendix I - Interwell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-9	GWC-8A	GWC-18	GWC-6	GWC-19	GWC-5	GWC-4	GWC-2	GWC-3
4/13/2016	<0.001 (D)								
4/19/2016		<0.001				<0.001			
10/4/2016								<0.001	
10/5/2016			<0.001		<0.001				<0.001
10/6/2016	<0.001			0.00012 (J)		<0.001	<0.001		
10/7/2016									
10/10/2016		<0.001							
4/4/2017									
4/5/2017					<0.001				
4/6/2017	<0.001		<0.001	<0.001		<0.001	<0.001	<0.001	<0.001
4/7/2017		<0.001							
10/4/2017								<0.001	
10/5/2017	<0.001		<0.001		<0.001	<0.001			<0.001
10/6/2017				<0.001			<0.001		
10/9/2017		<0.001							
3/20/2018			<0.001		<0.001			<0.001	
3/21/2018	<0.001			<0.001			<0.001		<0.001
3/22/2018		<0.001				<0.001			
10/2/2018	<0.001		<0.001		<0.001			<0.001	
10/3/2018				<0.001		<0.001	<0.001		<0.001
10/4/2018		<0.001							
3/26/2019			<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
3/27/2019	<0.001	<0.001				<0.001			
9/10/2019							<0.001	<0.001	<0.001
9/11/2019	<0.001	<0.001	<0.001	<0.001		<0.001			
9/12/2019					<0.001				
3/18/2020	<0.001	<0.001	<0.001	<0.001		<0.001		<0.001	<0.001
3/19/2020					<0.001		<0.001		
9/9/2020	<0.001	<0.001	<0.001		<0.001	<0.001		<0.001	
9/10/2020				<0.001			<0.001		<0.001
4/1/2021	<0.001		<0.001			<0.001		<0.001	
4/2/2021							<0.001		
4/5/2021		<0.001		<0.001	<0.001				
4/6/2021									<0.001
8/11/2021			<0.001	<0.001	<0.001				
8/12/2021	<0.001	<0.001				<0.001	<0.001	<0.001	<0.001
8/17/2021									
8/18/2021									
2/15/2022	<0.001	<0.001		<0.001		<0.001	<0.001	<0.001	<0.001
2/16/2022			<0.001		<0.001				
8/24/2022									
8/25/2022	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001
8/26/2022								<0.001	
2/21/2023									
2/27/2023	<0.001	<0.001		<0.001			<0.001	<0.001	
2/28/2023			<0.001		<0.001	<0.001			<0.001
8/3/2023									
8/8/2023	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001		
8/9/2023			<0.001					<0.001	<0.001
2/28/2024									
2/29/2024		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		
3/1/2024	<0.001							<0.001	

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 9/16/2024 1:56 PM View: Appendix I - Interwell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-9	GWC-8A	GWC-18	GWC-6	GWC-19	GWC-5	GWC-4	GWC-2	GWC-3
3/4/2024									<0.001
8/6/2024	<0.001	<0.001	<0.001		<0.001	<0.001		<0.001	
8/7/2024				<0.001			<0.001		<0.001
8/8/2024									

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 9/16/2024 1:56 PM View: Appendix I - Interwell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-1	GWC-20
5/8/2010		
5/9/2010		
5/10/2010		
5/11/2010	<0.001	<0.001
6/16/2010		
6/17/2010	<0.001	<0.001
6/18/2010		
6/19/2010		
7/26/2010		
7/27/2010	<0.001	<0.001
7/28/2010		
7/29/2010		
9/7/2010		<0.001
9/8/2010		
9/9/2010	<0.001	
4/26/2011		
4/28/2011	<0.001	
4/29/2011		<0.001
4/30/2011		
10/27/2011		
10/28/2011		<0.001
10/29/2011	<0.001	
5/2/2012		
5/3/2012	<0.001	<0.001
5/4/2012		
11/9/2012	<0.001	
11/10/2012		<0.001
11/11/2012		
5/8/2013		
5/9/2013	<0.001	<0.001
5/10/2013		
11/5/2013	<0.001	
11/6/2013		<0.001
11/7/2013		
5/20/2014		
5/21/2014		
5/22/2014		<0.001
5/23/2014	<0.001	
11/8/2014		
11/9/2014		<0.001
11/12/2014		
11/13/2014	<0.001	
5/22/2015		
5/23/2015	<0.001	
5/24/2015		<0.001
11/9/2015		
11/10/2015		<0.001
11/11/2015	<0.001	
11/12/2015		
4/6/2016		
4/11/2016		
4/12/2016	<0.001	<0.001

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 9/16/2024 1:56 PM View: Appendix I - Interwell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-1	GWC-20
4/13/2016		
4/19/2016		
10/4/2016	0.00012 (J)	
10/5/2016		<0.001
10/6/2016		
10/7/2016		
10/10/2016		
4/4/2017		
4/5/2017	<0.001	
4/6/2017		<0.001
4/7/2017		
10/4/2017	<0.001	
10/5/2017		<0.001
10/6/2017		
10/9/2017		
3/20/2018	<0.001	
3/21/2018		<0.001
3/22/2018		
10/2/2018	<0.001	
10/3/2018		<0.001
10/4/2018		
3/26/2019	<0.001	<0.001
3/27/2019		
9/10/2019	<0.001	
9/11/2019		
9/12/2019		<0.001
3/18/2020	<0.001	
3/19/2020		<0.001
9/9/2020	<0.001	
9/10/2020		<0.001
4/1/2021	<0.001	
4/2/2021		
4/5/2021		<0.001
4/6/2021		
8/11/2021		<0.001
8/12/2021		
8/17/2021		
8/18/2021	<0.001	
2/15/2022	<0.001	
2/16/2022		<0.001
8/24/2022	<0.001	
8/25/2022		<0.001
8/26/2022		
2/21/2023		
2/27/2023	<0.001	
2/28/2023		<0.001
8/3/2023		
8/8/2023		<0.001
8/9/2023	<0.001	
2/28/2024		
2/29/2024		
3/1/2024	<0.001	<0.001

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 9/16/2024 1:56 PM View: Appendix I - Interwell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-1	GWC-20
3/4/2024		
8/6/2024	<0.001	<0.001
8/7/2024		
8/8/2024		

FIGURE I.

Appendix I & III Trend Tests - Prediction Limit Exceedances - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 9/16/2024, 7:57 PM

<u>Constituent</u>	<u>Well</u>	<u>Slope</u>	<u>Calc.</u>	<u>Critical</u>	<u>Sig.</u>	<u>N</u>	<u>%NDs</u>	<u>Normality</u>	<u>Xform</u>	<u>Alpha</u>	<u>Method</u>
Barium, Total (mg/L)	GWA-17 (bg)	-0.0006184	-209	-199	Yes	37	2.703	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWC-19	0.001087	382	199	Yes	37	2.703	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWC-4	0.002373	555	214	Yes	39	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-17 (bg)	0.2972	149	98	Yes	23	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-14	0.1621	127	98	Yes	23	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-19	1.197	209	105	Yes	24	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-4	1.464	199	105	Yes	24	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-7	0.3257	138	105	Yes	24	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-15 (bg)	0.1367	112	98	Yes	23	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-17 (bg)	-0.03901	-130	-98	Yes	23	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWC-10	0.3219	205	98	Yes	23	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWC-14	0.1043	115	98	Yes	23	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWC-4	1.932	227	111	Yes	25	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWC-7	0.2681	161	98	Yes	23	0	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-16 (bg)	0.0001389	210	199	Yes	37	2.703	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-17 (bg)	0.0002281	295	199	Yes	37	2.703	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-15 (bg)	0.1525	130	98	Yes	23	34.78	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWC-10	0.4803	262	118	Yes	26	11.54	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWC-4	3.811	171	111	Yes	25	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWC-4	16.11	194	105	Yes	24	0	n/a	n/a	0.01	NP

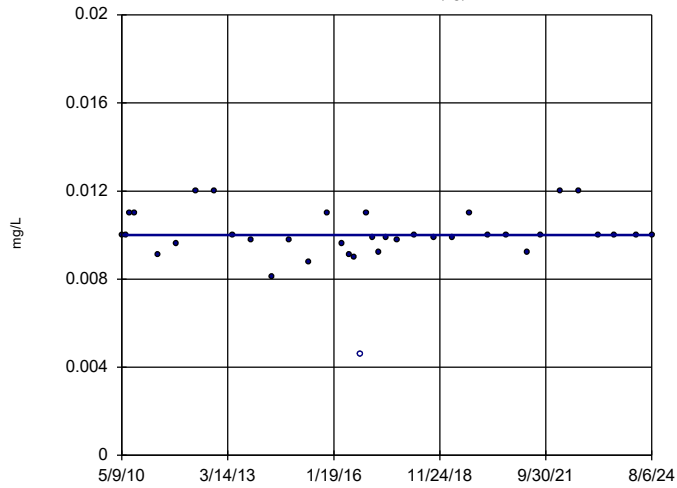
Appendix I & III Trend Tests - Prediction Limit Exceedances - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 9/16/2024, 7:57 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Barium, Total (mg/L)	GWA-15 (bg)	0	74	199	No	37	2.703	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWA-16 (bg)	-0.0001793	-126	-199	No	37	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWA-17 (bg)	-0.0006184	-209	-199	Yes	37	2.703	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWC-14	0.0001409	179	184	No	35	2.857	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWC-19	0.001087	382	199	Yes	37	2.703	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWC-20	0.0001125	79	199	No	37	2.703	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWC-4	0.002373	555	214	Yes	39	0	n/a	n/a	0.01	NP
Boron (mg/L)	GWA-15 (bg)	0	-18	-98	No	23	95.65	n/a	n/a	0.01	NP
Boron (mg/L)	GWA-16 (bg)	0	0	98	No	23	100	n/a	n/a	0.01	NP
Boron (mg/L)	GWA-17 (bg)	0	20	98	No	23	95.65	n/a	n/a	0.01	NP
Boron (mg/L)	GWC-4	0	22	98	No	23	95.65	n/a	n/a	0.01	NP
Boron (mg/L)	GWC-6	0	3	98	No	23	86.96	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-15 (bg)	0	9	98	No	23	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-16 (bg)	0.1936	66	98	No	23	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-17 (bg)	0.2972	149	98	Yes	23	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-14	0.1621	127	98	Yes	23	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-19	1.197	209	105	Yes	24	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-20	0.3386	98	98	No	23	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-4	1.464	199	105	Yes	24	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-7	0.3257	138	105	Yes	24	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-9	0.1837	67	105	No	24	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-15 (bg)	0.1367	112	98	Yes	23	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-16 (bg)	0	-37	-98	No	23	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-17 (bg)	-0.03901	-130	-98	Yes	23	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWC-10	0.3219	205	98	Yes	23	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWC-14	0.1043	115	98	Yes	23	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWC-4	1.932	227	111	Yes	25	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWC-7	0.2681	161	98	Yes	23	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWC-9	0.08009	72	98	No	23	0	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-15 (bg)	0	-3	-199	No	37	94.59	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-16 (bg)	0.0001389	210	199	Yes	37	2.703	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-17 (bg)	0.0002281	295	199	Yes	37	2.703	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWC-7	-0.00001204	-29	-199	No	37	0	n/a	n/a	0.01	NP
Nickel (mg/L)	GWA-15 (bg)	0	-161	-161	No	32	65.63	n/a	n/a	0.01	NP
Nickel (mg/L)	GWA-16 (bg)	0	-10	-152	No	31	96.77	n/a	n/a	0.01	NP
Nickel (mg/L)	GWA-17 (bg)	0	-40	-161	No	32	87.5	n/a	n/a	0.01	NP
Nickel (mg/L)	GWC-2	0	86	152	No	31	54.84	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-15 (bg)	0.1525	130	98	Yes	23	34.78	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-16 (bg)	0	-7	-98	No	23	86.96	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-17 (bg)	0	6	98	No	23	82.61	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWC-10	0.4803	262	118	Yes	26	11.54	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWC-3	0.1165	93	118	No	26	42.31	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWC-4	3.811	171	111	Yes	25	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWC-7	0	66	98	No	23	69.57	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWC-9	0.5239	60	98	No	23	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWA-15 (bg)	1.835	67	98	No	23	8.696	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWA-16 (bg)	1.017	30	98	No	23	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWA-17 (bg)	3.275	87	98	No	23	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWC-4	16.11	194	105	Yes	24	0	n/a	n/a	0.01	NP

Sen's Slope Estimator

GWA-15 (bg)

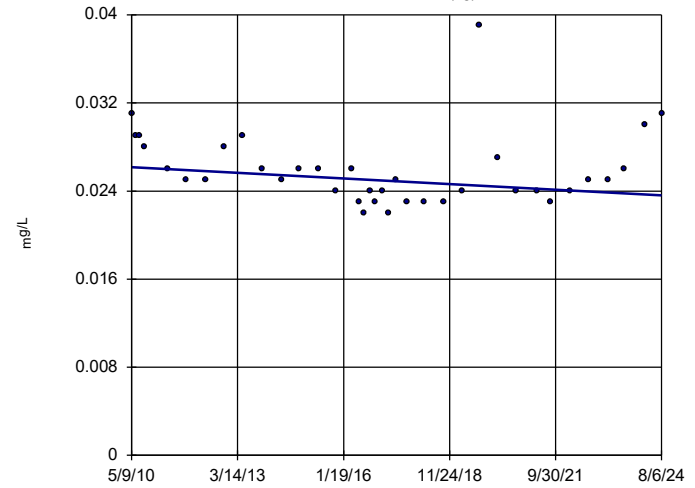


n = 37
Slope = 0
units per year.
Mann-Kendall
statistic = 74
critical = 199
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Barium, Total Analysis Run 9/16/2024 7:54 PM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

GWA-16 (bg)

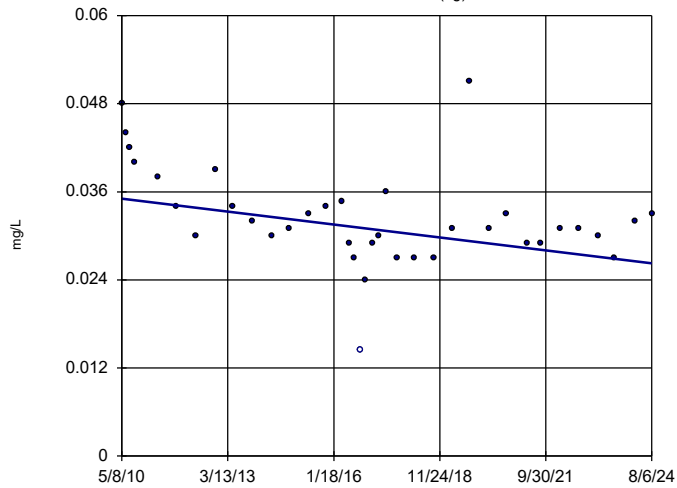


n = 37
Slope = -0.0001793
units per year.
Mann-Kendall
statistic = -126
critical = -199
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Barium, Total Analysis Run 9/16/2024 7:54 PM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

GWA-17 (bg)

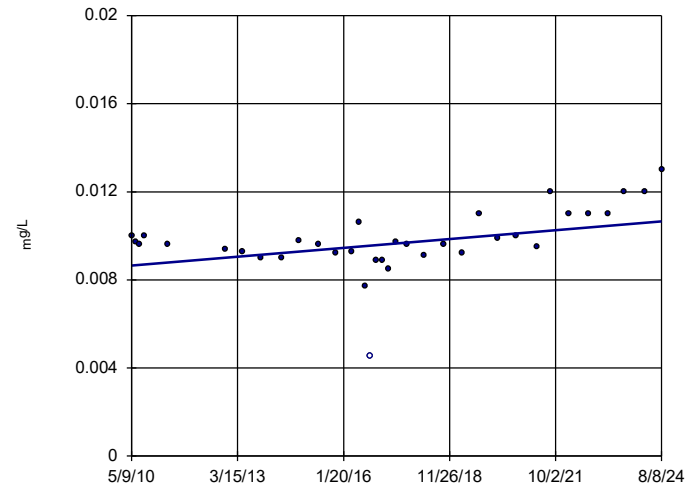


n = 37
Slope = -0.0006184
units per year.
Mann-Kendall
statistic = -209
critical = -199
Decreasing trend
significant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Barium, Total Analysis Run 9/16/2024 7:54 PM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

GWC-14

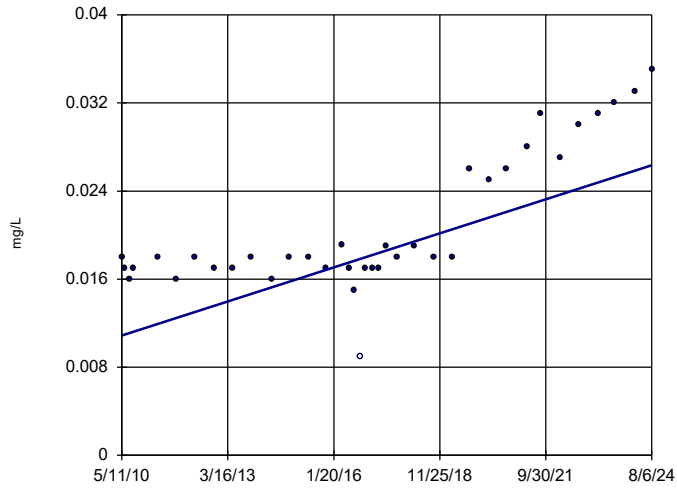


n = 35
Slope = 0.0001409
units per year.
Mann-Kendall
statistic = 179
critical = 184
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Barium, Total Analysis Run 9/16/2024 7:54 PM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

GWC-19

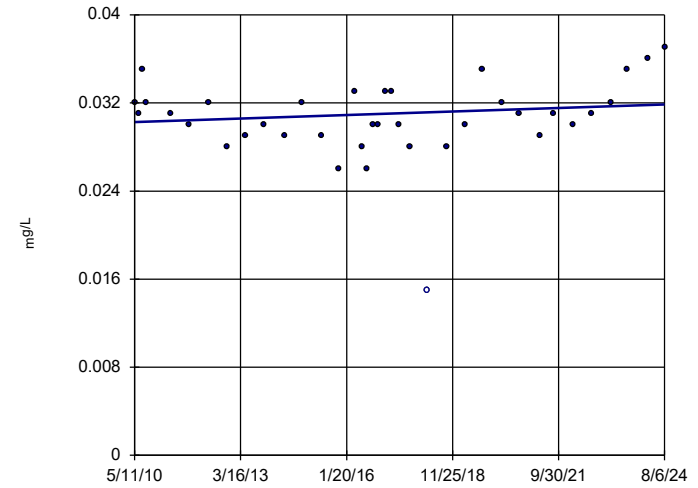


n = 37
Slope = 0.001087
units per year.
Mann-Kendall
statistic = 382
critical = 199
Increasing trend
significant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Barium, Total Analysis Run 9/16/2024 7:54 PM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

GWC-20

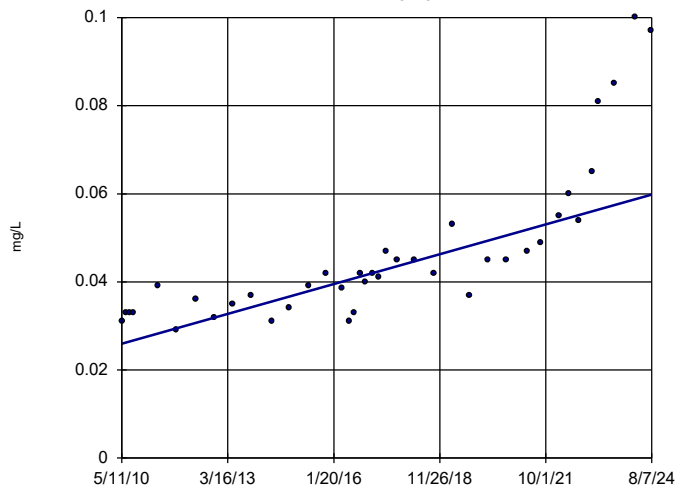


n = 37
Slope = 0.0001125
units per year.
Mann-Kendall
statistic = 79
critical = 199
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Barium, Total Analysis Run 9/16/2024 7:54 PM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

GWC-4

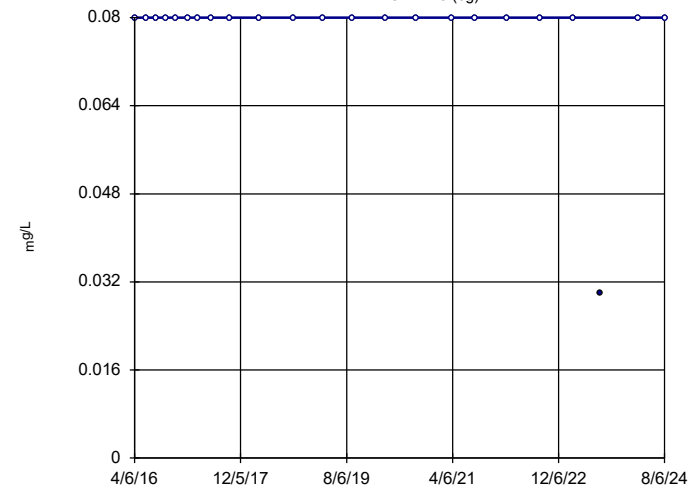


n = 39
Slope = 0.002373
units per year.
Mann-Kendall
statistic = 555
critical = 214
Increasing trend
significant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Barium, Total Analysis Run 9/16/2024 7:55 PM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

GWA-15 (bg)

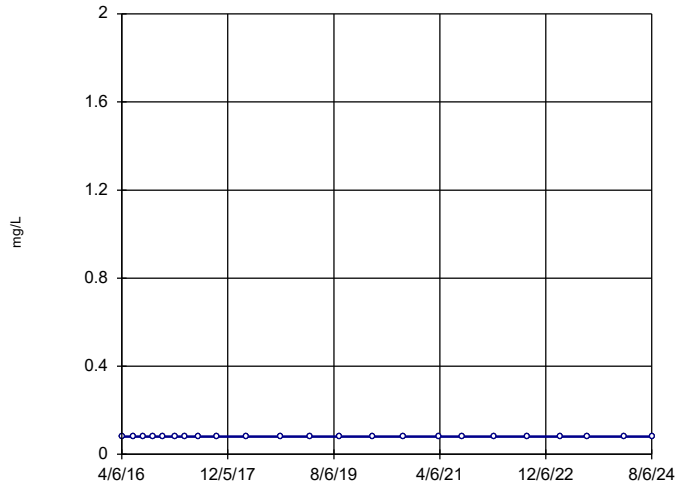


n = 23
Slope = 0
units per year.
Mann-Kendall
statistic = -18
critical = -98
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Boron Analysis Run 9/16/2024 7:55 PM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

GWA-16 (bg)

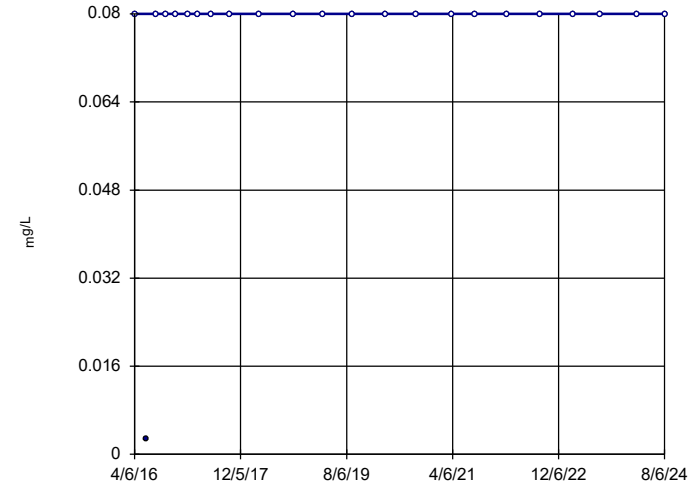


n = 23
Slope = 0
units per year.
Mann-Kendall
statistic = 0
critical = 98
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Boron Analysis Run 9/16/2024 7:55 PM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

GWA-17 (bg)

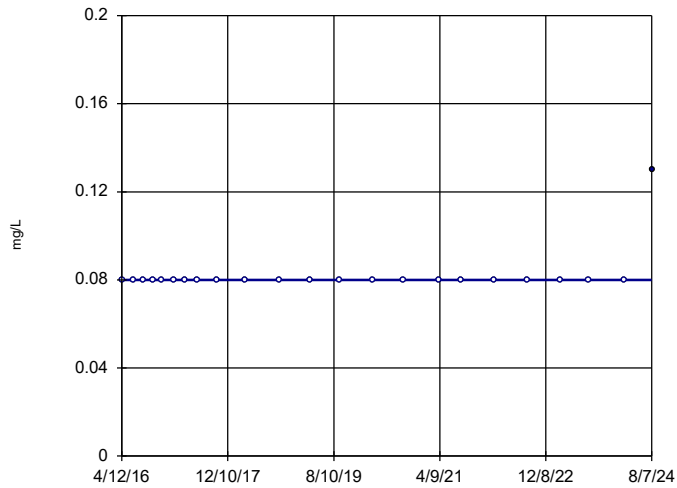


n = 23
Slope = 0
units per year.
Mann-Kendall
statistic = 20
critical = 98
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Boron Analysis Run 9/16/2024 7:55 PM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

GWC-4

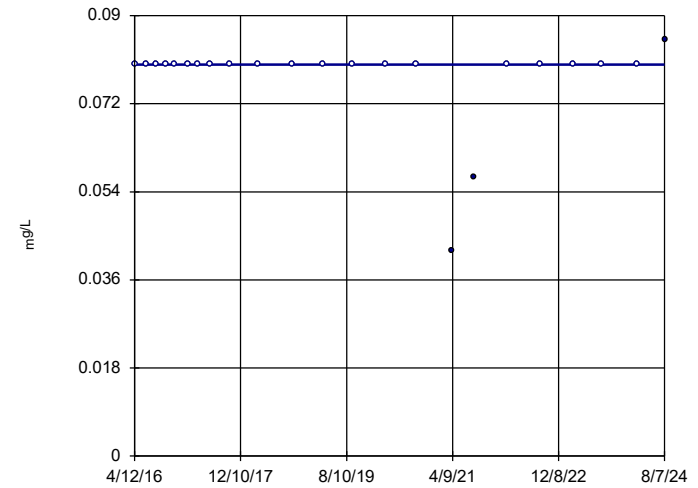


n = 23
Slope = 0
units per year.
Mann-Kendall
statistic = 22
critical = 98
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Boron Analysis Run 9/16/2024 7:55 PM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

GWC-6

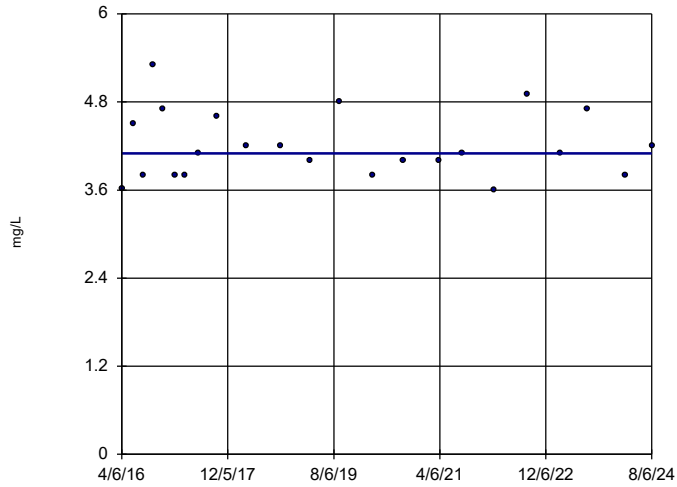


n = 23
Slope = 0
units per year.
Mann-Kendall
statistic = 3
critical = 98
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Boron Analysis Run 9/16/2024 7:55 PM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

GWA-15 (bg)

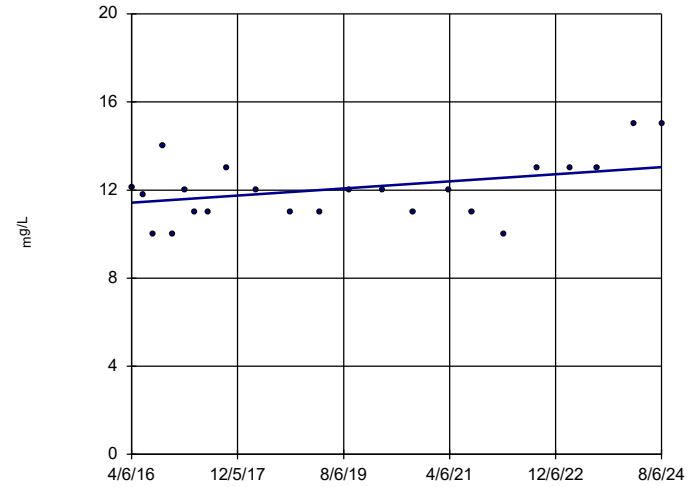


n = 23
 Slope = 0
 units per year.
 Mann-Kendall
 statistic = 9
 critical = 98
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Calcium Analysis Run 9/16/2024 7:55 PM View: Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

GWA-16 (bg)

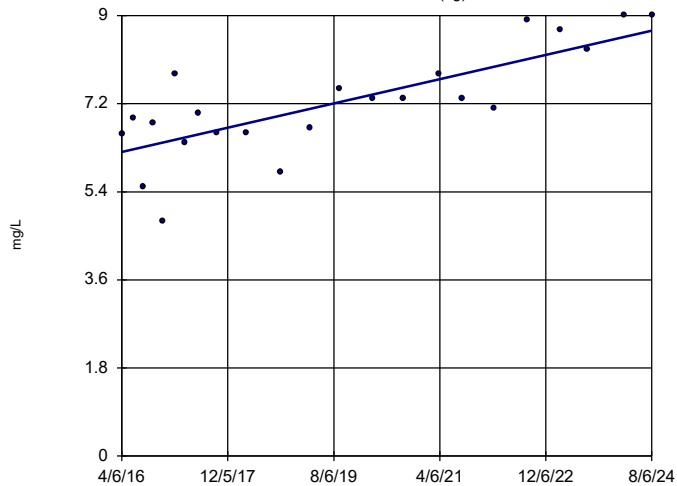


n = 23
 Slope = 0.1936
 units per year.
 Mann-Kendall
 statistic = 66
 critical = 98
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Calcium Analysis Run 9/16/2024 7:55 PM View: Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

GWA-17 (bg)

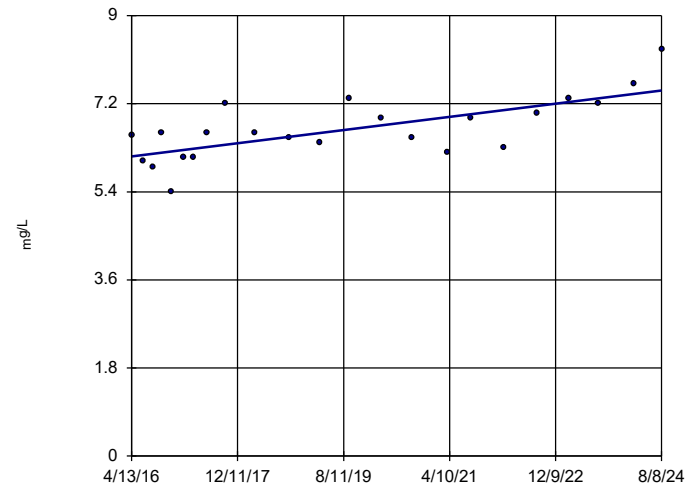


n = 23
 Slope = 0.2972
 units per year.
 Mann-Kendall
 statistic = 149
 critical = 98
 Increasing trend
 significant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Calcium Analysis Run 9/16/2024 7:55 PM View: Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

GWC-14

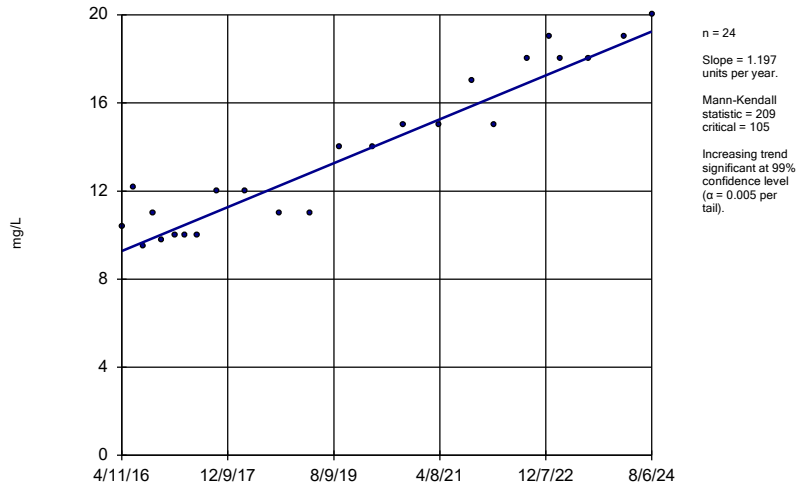


n = 23
 Slope = 0.1621
 units per year.
 Mann-Kendall
 statistic = 127
 critical = 98
 Increasing trend
 significant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Calcium Analysis Run 9/16/2024 7:55 PM View: Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

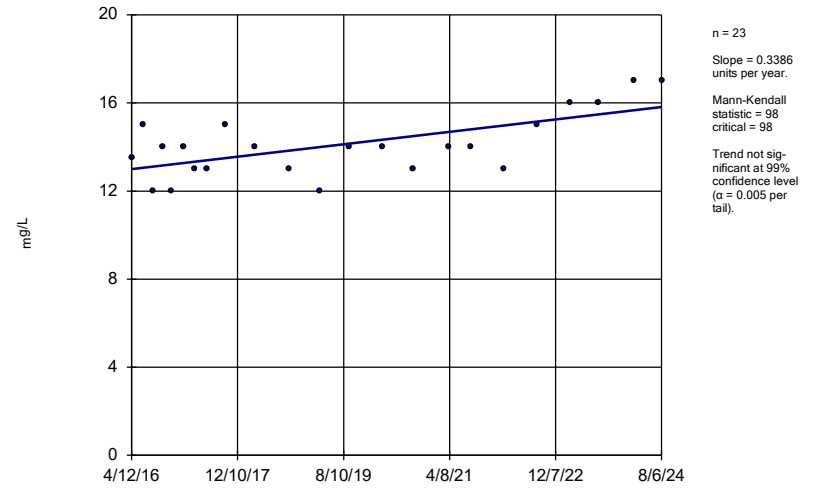
GWC-19



Constituent: Calcium Analysis Run 9/16/2024 7:55 PM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

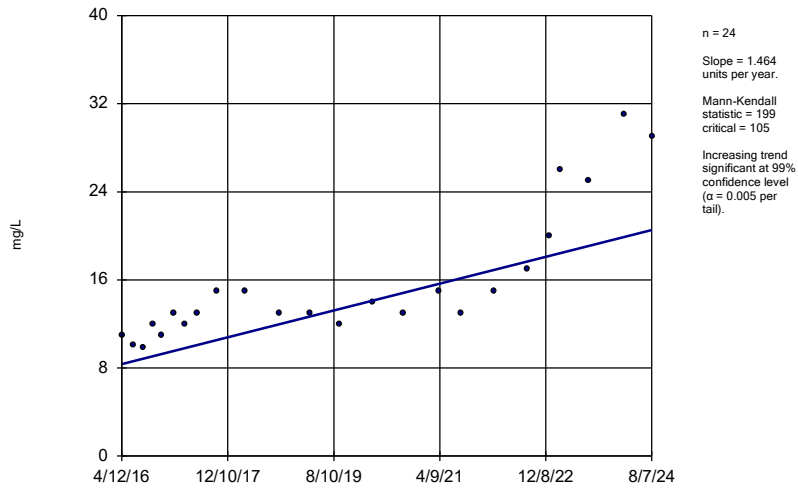
GWC-20



Constituent: Calcium Analysis Run 9/16/2024 7:55 PM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

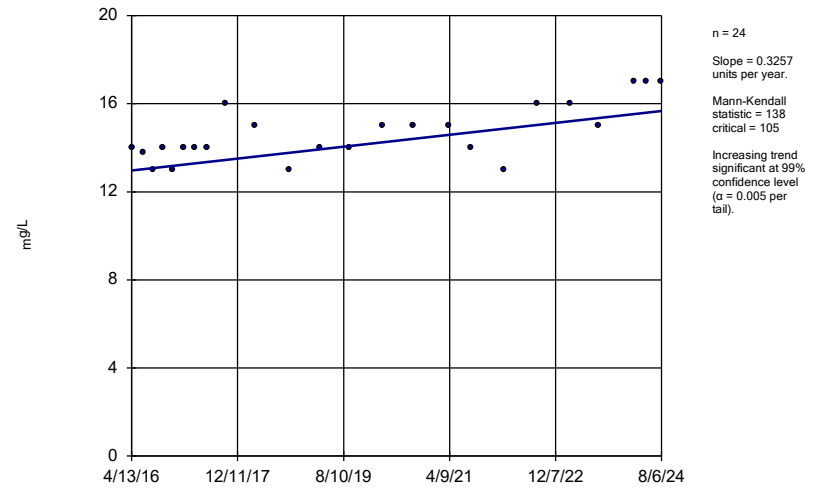
GWC-4



Constituent: Calcium Analysis Run 9/16/2024 7:55 PM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

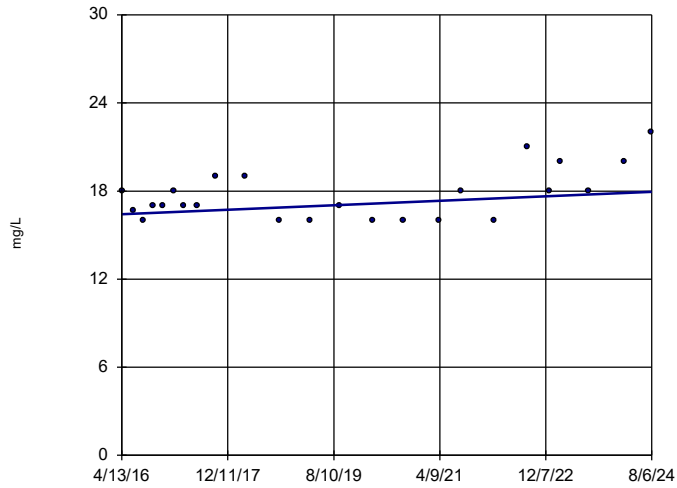
GWC-7



Constituent: Calcium Analysis Run 9/16/2024 7:55 PM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

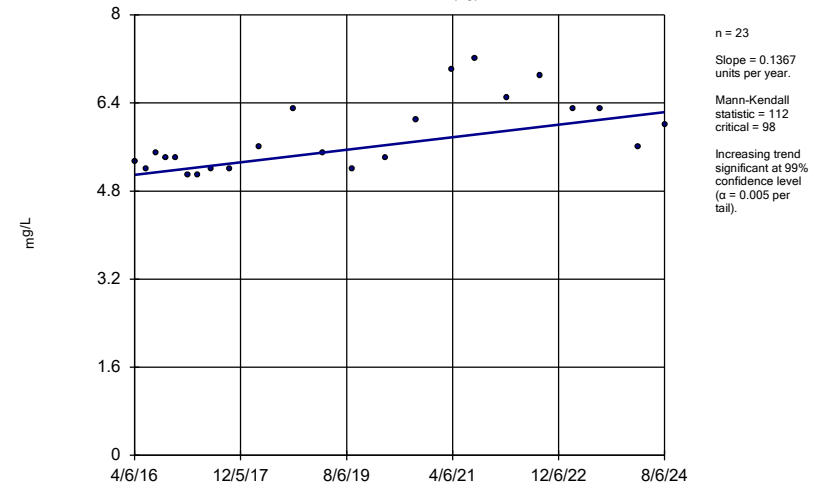
GWC-9



Constituent: Calcium Analysis Run 9/16/2024 7:55 PM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

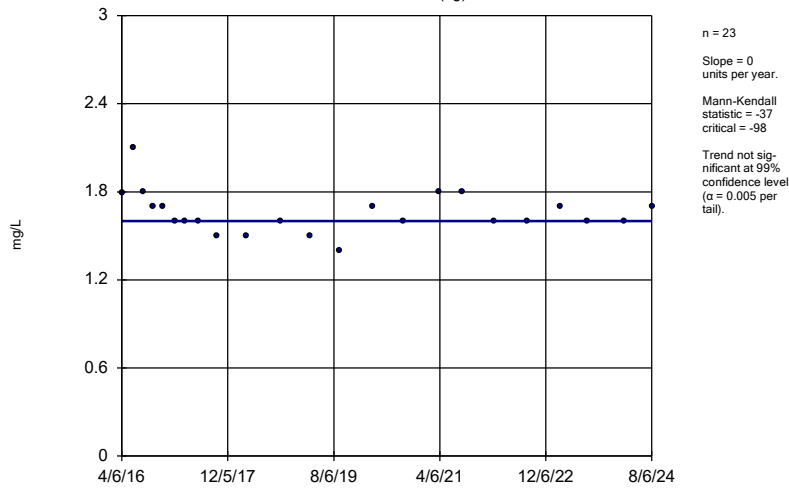
GWA-15 (bg)



Constituent: Chloride Analysis Run 9/16/2024 7:55 PM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

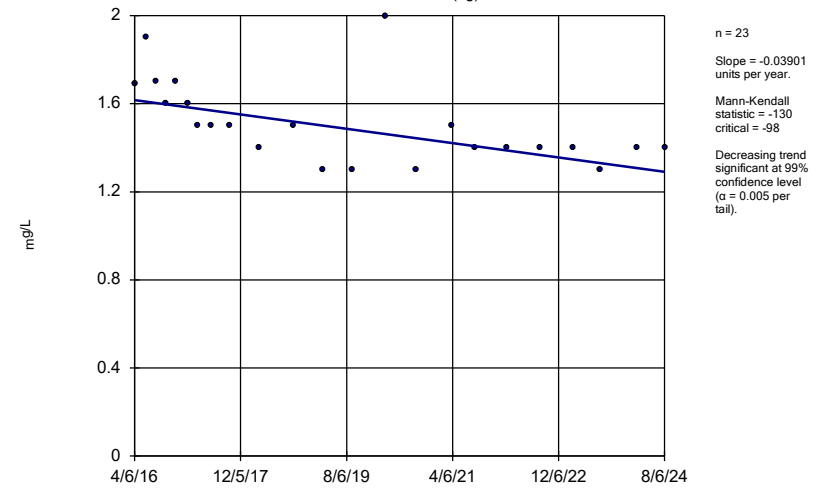
GWA-16 (bg)



Constituent: Chloride Analysis Run 9/16/2024 7:55 PM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

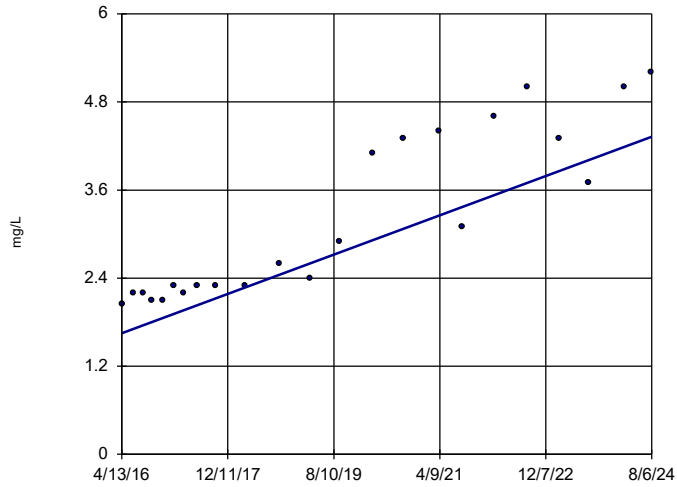
GWA-17 (bg)



Constituent: Chloride Analysis Run 9/16/2024 7:55 PM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

GWC-10

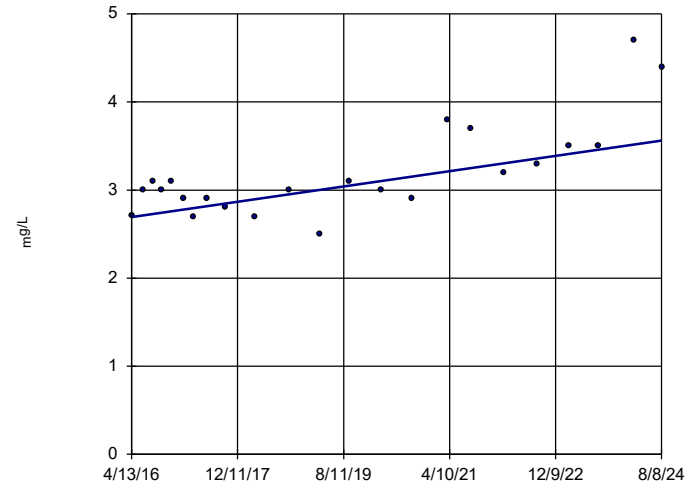


n = 23
 Slope = 0.3219
 units per year.
 Mann-Kendall
 statistic = 205
 critical = 98
 Increasing trend
 significant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Chloride Analysis Run 9/16/2024 7:55 PM View: Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

GWC-14

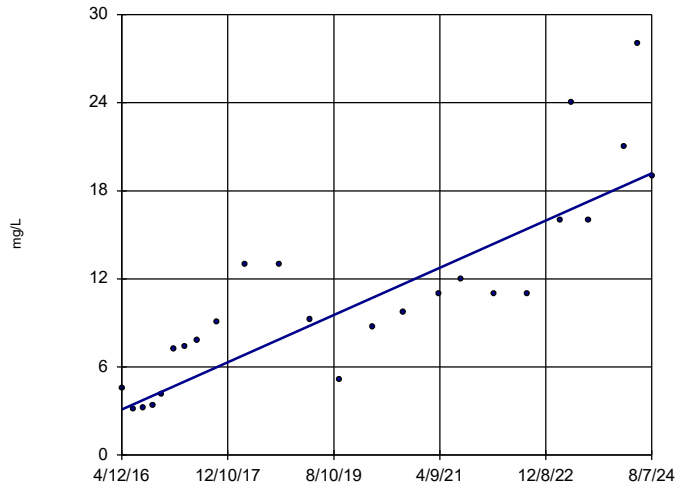


n = 23
 Slope = 0.1043
 units per year.
 Mann-Kendall
 statistic = 115
 critical = 98
 Increasing trend
 significant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Chloride Analysis Run 9/16/2024 7:55 PM View: Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

GWC-4

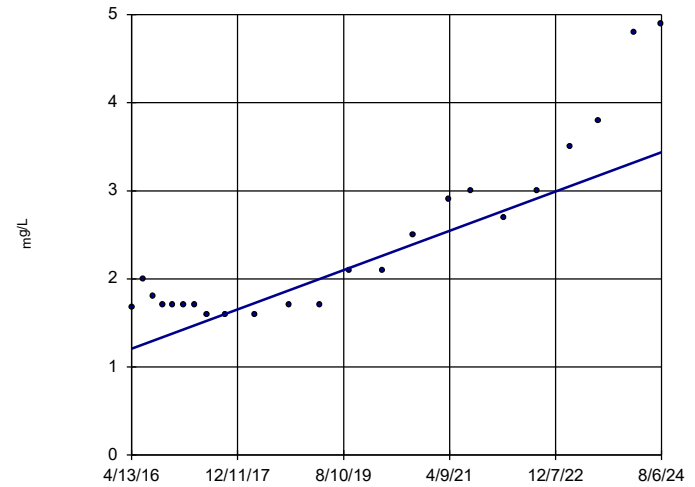


n = 25
 Slope = 1.932
 units per year.
 Mann-Kendall
 statistic = 227
 critical = 111
 Increasing trend
 significant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Chloride Analysis Run 9/16/2024 7:55 PM View: Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

GWC-7

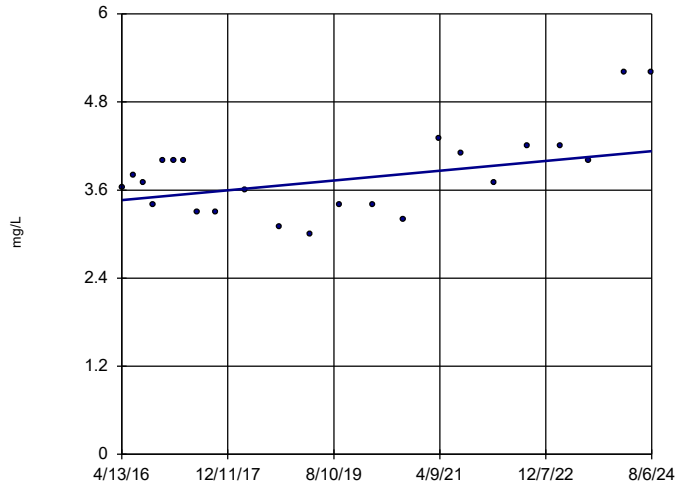


n = 23
 Slope = 0.2681
 units per year.
 Mann-Kendall
 statistic = 161
 critical = 98
 Increasing trend
 significant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Chloride Analysis Run 9/16/2024 7:55 PM View: Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

GWC-9



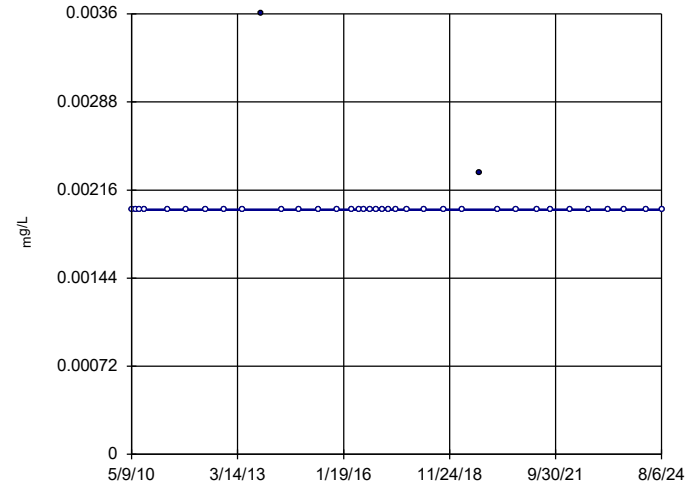
n = 23
 Slope = 0.08009
 units per year.
 Mann-Kendall
 statistic = 72
 critical = 98
 Trend not sig-
 nificant at 99%
 confidence level
 (α = 0.005 per
 tail).

Constituent: Chloride Analysis Run 9/16/2024 7:55 PM View: Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-15 (bg)



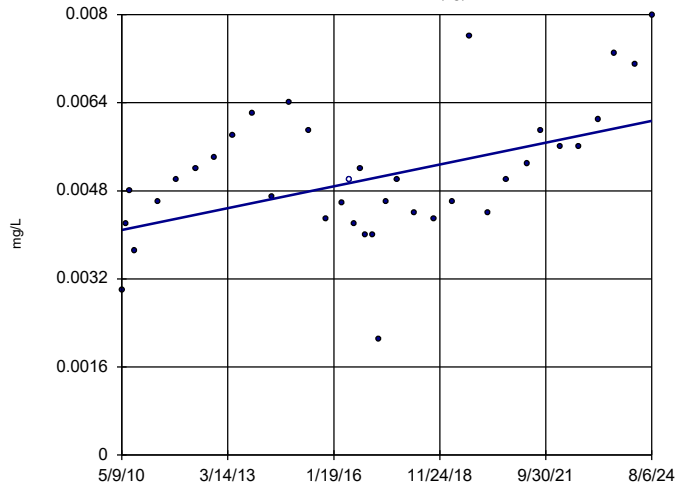
n = 37
 Slope = 0
 units per year.
 Mann-Kendall
 statistic = -3
 critical = -199
 Trend not sig-
 nificant at 99%
 confidence level
 (α = 0.005 per
 tail).

Constituent: Chromium, Total Analysis Run 9/16/2024 7:55 PM View: Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-16 (bg)



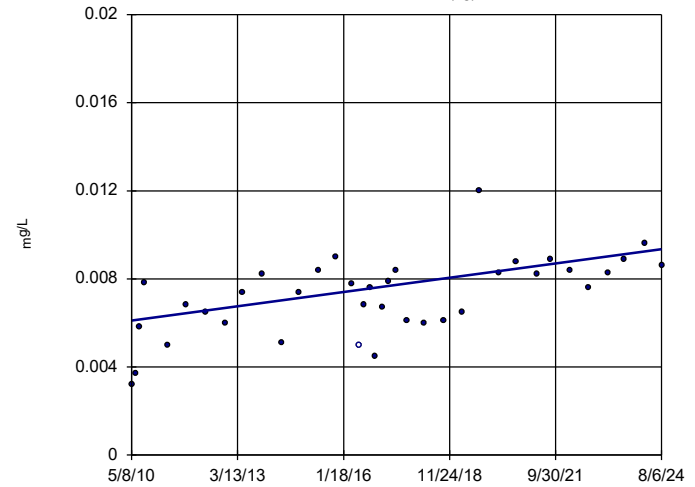
n = 37
 Slope = 0.0001389
 units per year.
 Mann-Kendall
 statistic = 210
 critical = 199
 Increasing trend
 significant at 99%
 confidence level
 (α = 0.005 per
 tail).

Constituent: Chromium, Total Analysis Run 9/16/2024 7:55 PM View: Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-17 (bg)

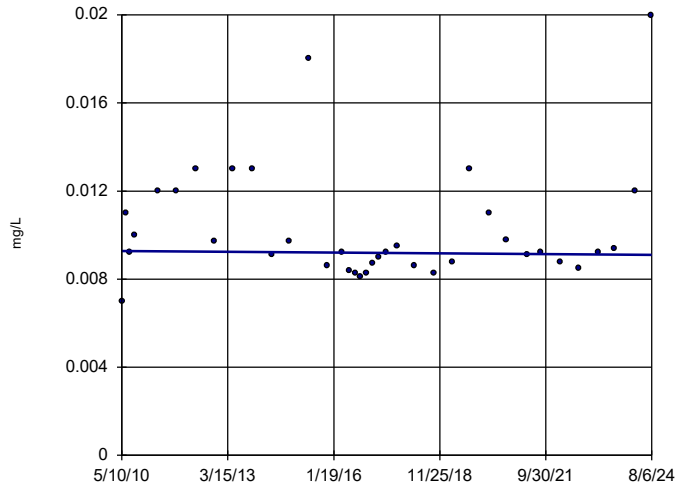


n = 37
 Slope = 0.0002281
 units per year.
 Mann-Kendall
 statistic = 295
 critical = 199
 Increasing trend
 significant at 99%
 confidence level
 (α = 0.005 per
 tail).

Constituent: Chromium, Total Analysis Run 9/16/2024 7:55 PM View: Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

GWC-7



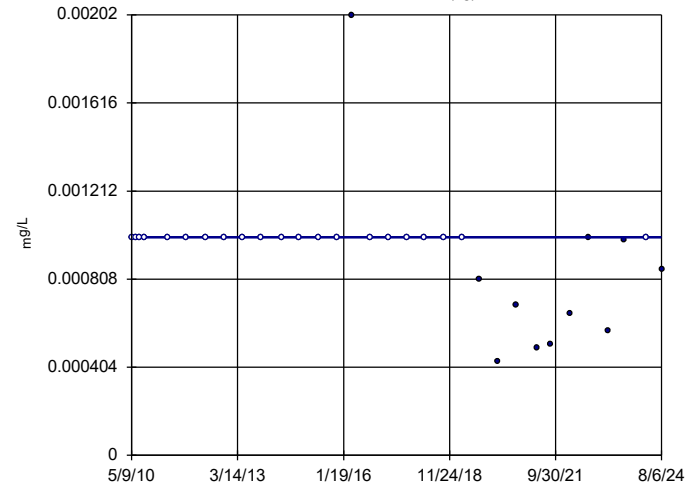
n = 37
 Slope = -0.00001204
 units per year.
 Mann-Kendall
 statistic = -29
 critical = -199
 Trend not sig-
 nificant at 99%
 confidence level
 (α = 0.005 per
 tail).

Constituent: Chromium, Total Analysis Run 9/16/2024 7:55 PM View: Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-15 (bg)



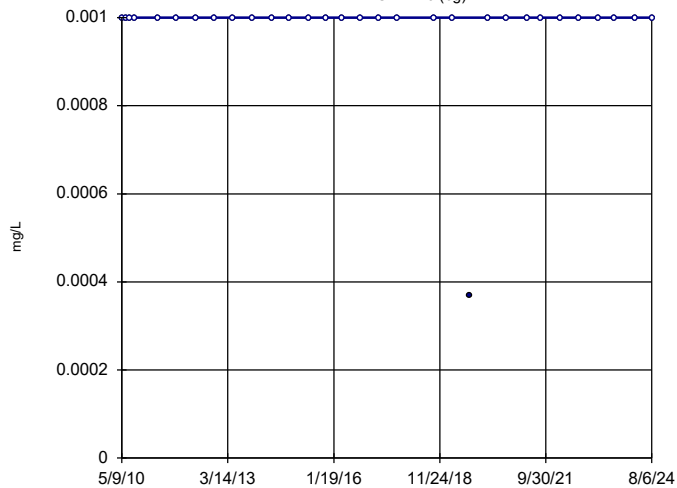
n = 32
 Slope = 0
 units per year.
 Mann-Kendall
 statistic = -161
 critical = -161
 Trend not sig-
 nificant at 99%
 confidence level
 (α = 0.005 per
 tail).

Constituent: Nickel Analysis Run 9/16/2024 7:55 PM View: Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-16 (bg)



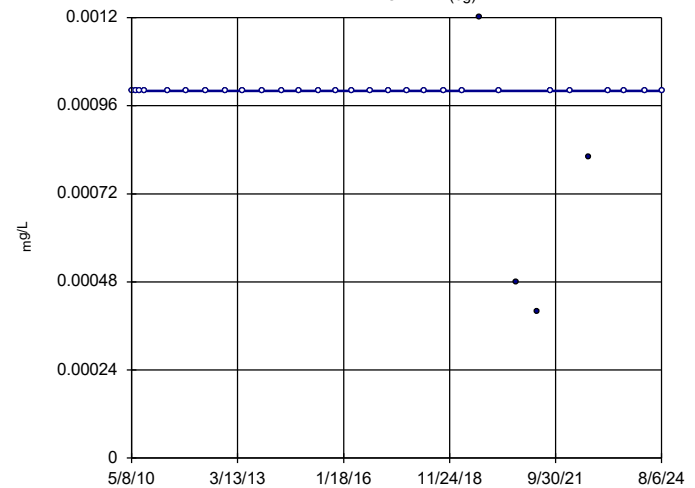
n = 31
 Slope = 0
 units per year.
 Mann-Kendall
 statistic = -10
 critical = -152
 Trend not sig-
 nificant at 99%
 confidence level
 (α = 0.005 per
 tail).

Constituent: Nickel Analysis Run 9/16/2024 7:55 PM View: Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-17 (bg)

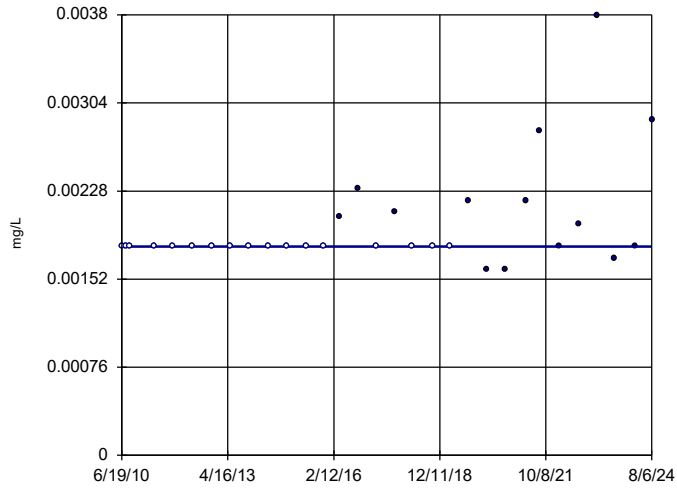


n = 32
 Slope = 0
 units per year.
 Mann-Kendall
 statistic = -40
 critical = -161
 Trend not sig-
 nificant at 99%
 confidence level
 (α = 0.005 per
 tail).

Constituent: Nickel Analysis Run 9/16/2024 7:55 PM View: Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

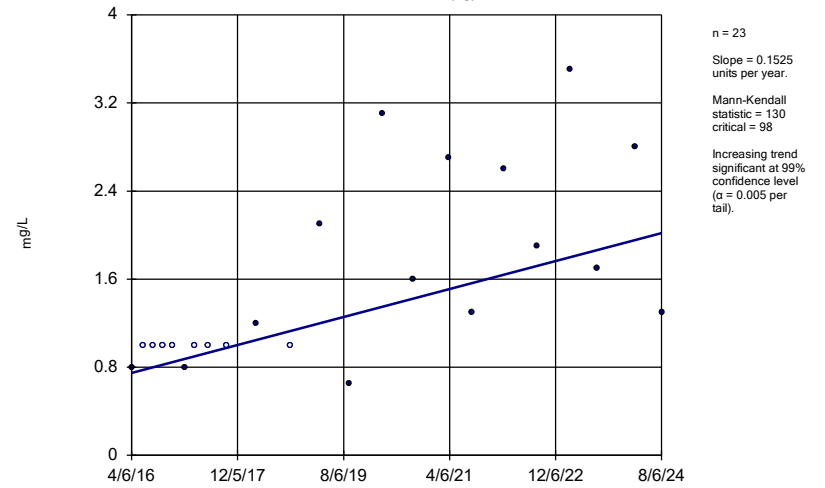
GWC-2



Constituent: Nickel Analysis Run 9/16/2024 7:55 PM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

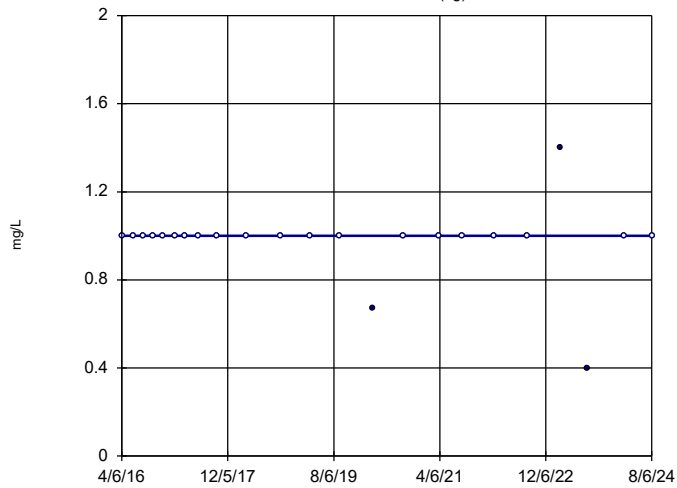
GWA-15 (bg)



Constituent: Sulfate Analysis Run 9/16/2024 7:55 PM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

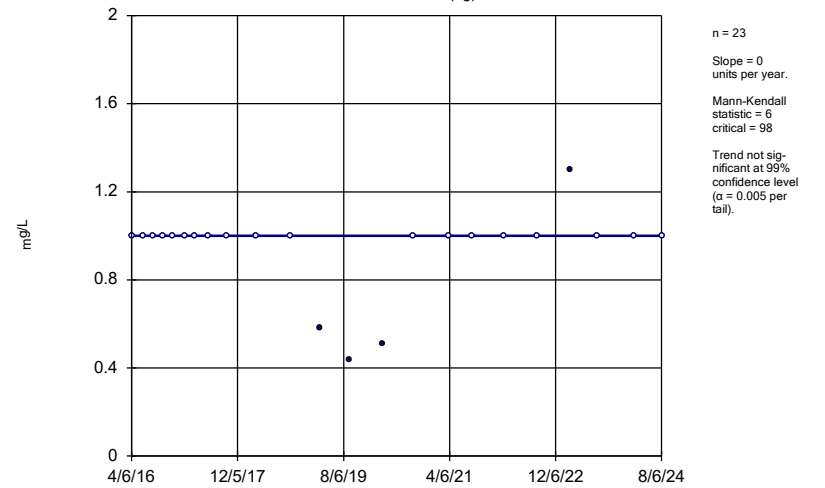
GWA-16 (bg)



Constituent: Sulfate Analysis Run 9/16/2024 7:55 PM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

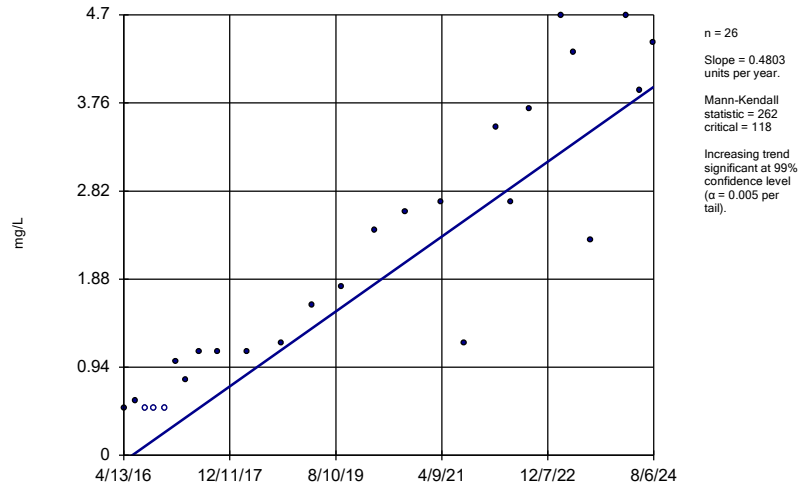
GWA-17 (bg)



Constituent: Sulfate Analysis Run 9/16/2024 7:55 PM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

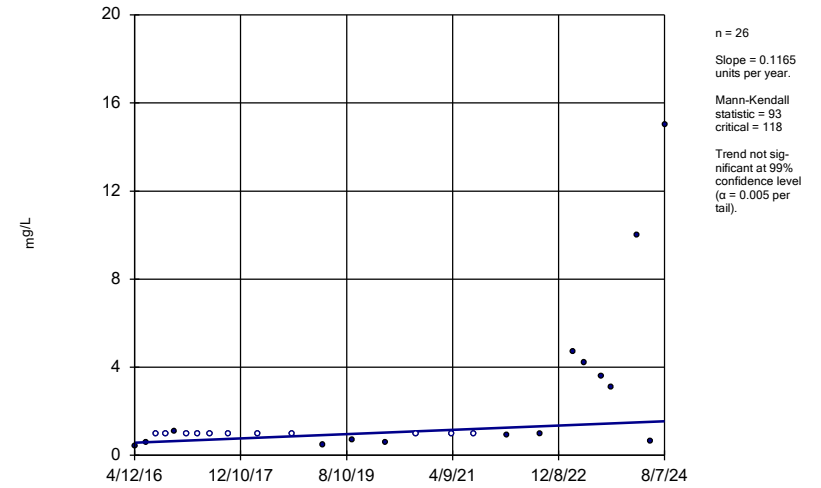
GWC-10



Constituent: Sulfate Analysis Run 9/16/2024 7:55 PM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

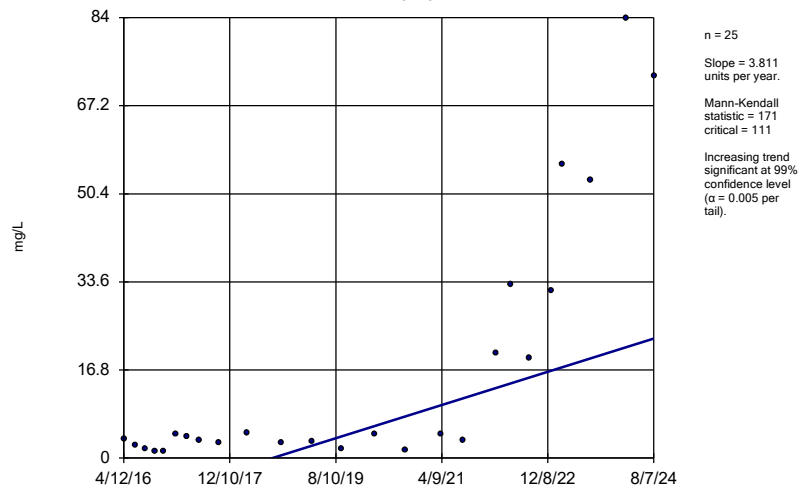
GWC-3



Constituent: Sulfate Analysis Run 9/16/2024 7:55 PM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

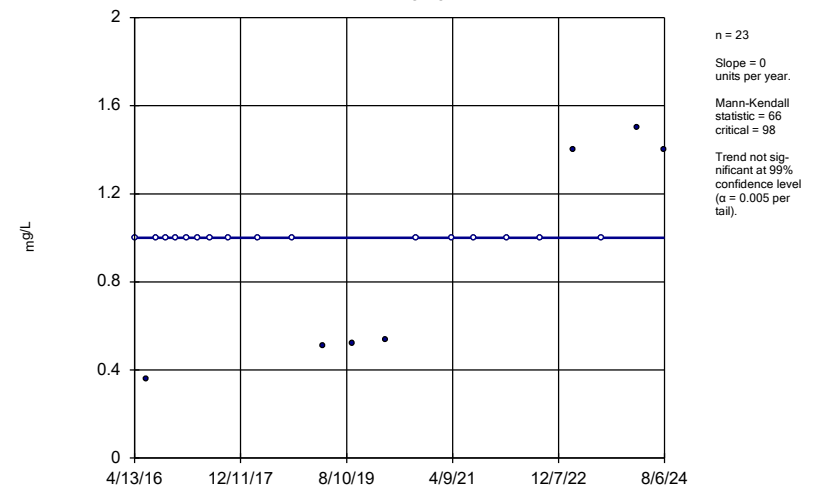
GWC-4



Constituent: Sulfate Analysis Run 9/16/2024 7:55 PM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

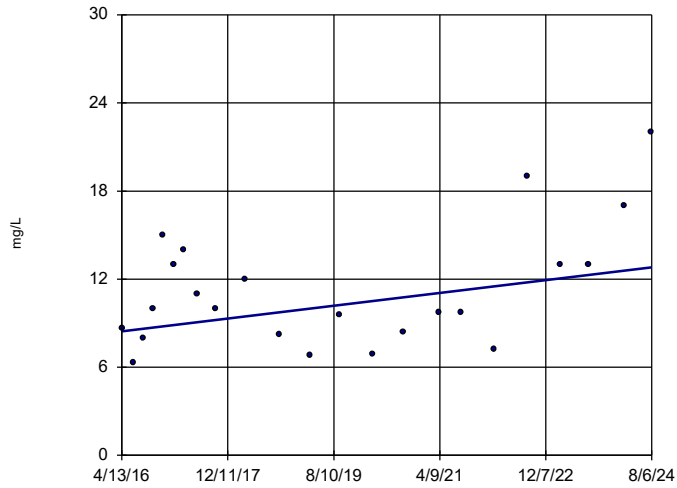
GWC-7



Constituent: Sulfate Analysis Run 9/16/2024 7:55 PM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

GWC-9

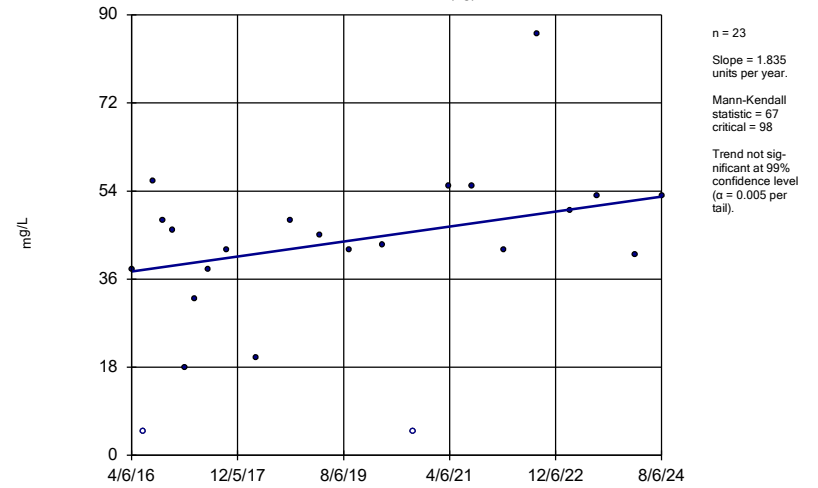


Constituent: Sulfate Analysis Run 9/16/2024 7:55 PM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Hollow symbols indicate censored values.

Sen's Slope Estimator

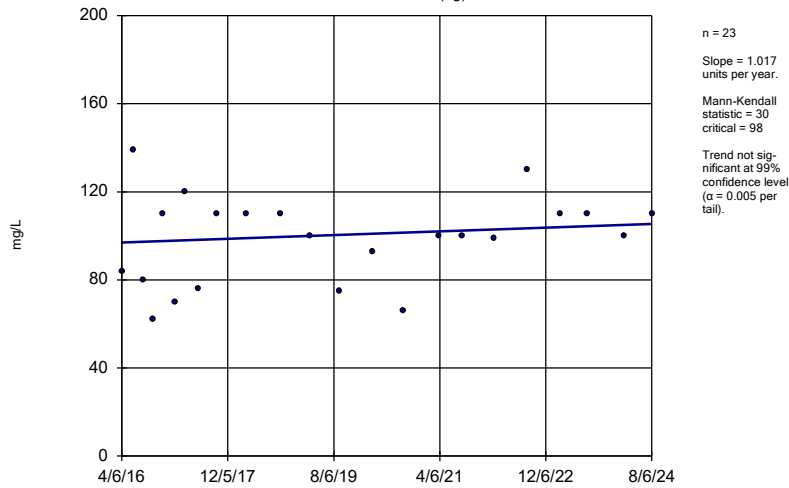
GWA-15 (bg)



Constituent: Total Dissolved Solids Analysis Run 9/16/2024 7:55 PM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

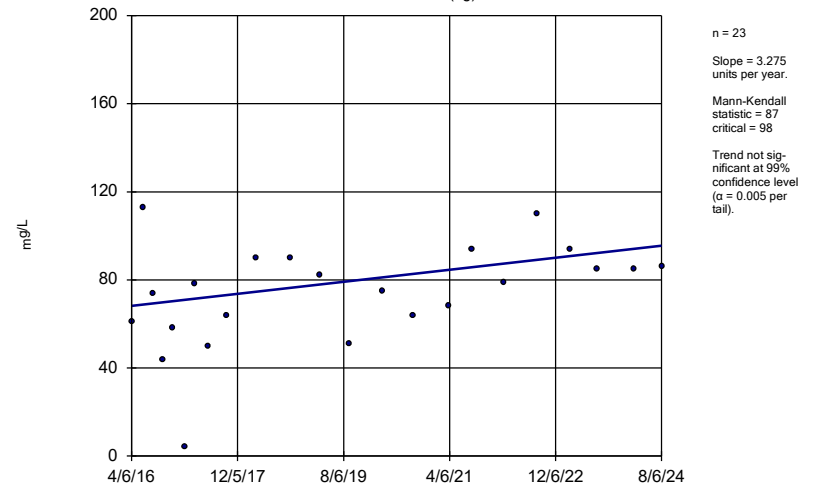
GWA-16 (bg)



Constituent: Total Dissolved Solids Analysis Run 9/16/2024 7:55 PM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

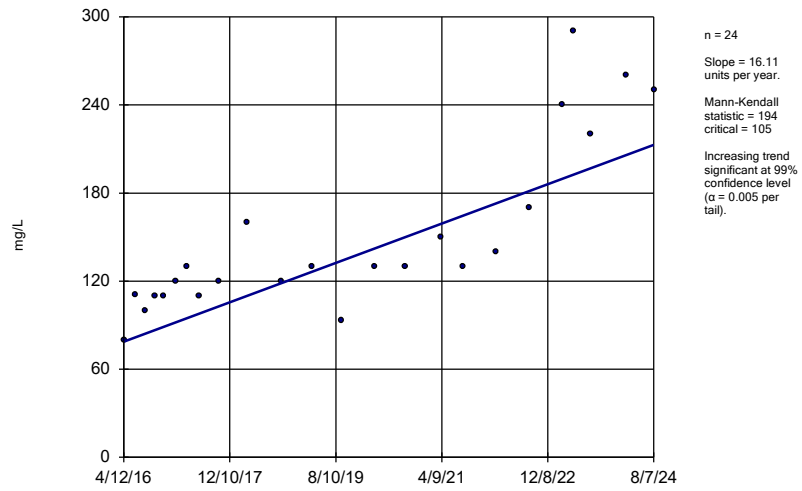
GWA-17 (bg)



Constituent: Total Dissolved Solids Analysis Run 9/16/2024 7:55 PM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

GWC-4



Constituent: Total Dissolved Solids Analysis Run 9/16/2024 7:55 PM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

FIGURE J.

Appendix I Intrawell Prediction Limits - 11/2024 Resample - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 12/2/2024, 10:40 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBg	Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Chromium, Total (mg/L)	GWC-7	0.018	n/a	11/6/2024	0.02	Yes	33	n/a	n/a	n/a	0	n/a	n/a	0.001701 NP Intra (normality) 1 of 2

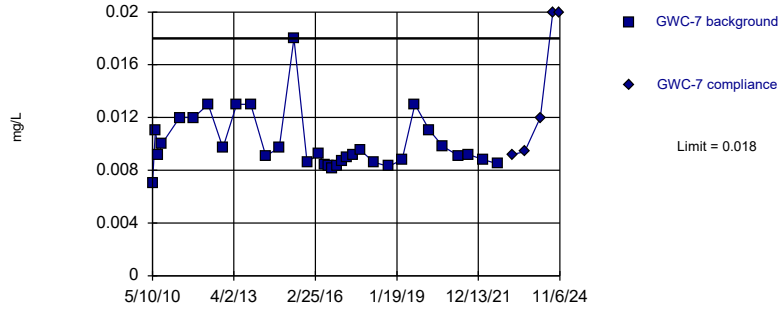
Appendix I Intrawell Prediction Limits - 11/2024 Resample - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 12/2/2024, 10:40 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBg	Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Chromium, Total (mg/L)	GWC-7	0.018	n/a	11/6/2024	0.02	Yes	33	n/a	n/a	n/a	0	n/a	n/a	0.001701 NP Intra (normality) 1 of 2
Nickel (mg/L)	GWC-2	0.0028	n/a	11/7/2024	0.002	No	27	n/a	n/a	n/a	62.96	n/a	n/a	0.002502 NP Intra (NDs) 1 of 2

Exceeds Limit

Prediction Limit
Intrawell Non-parametric



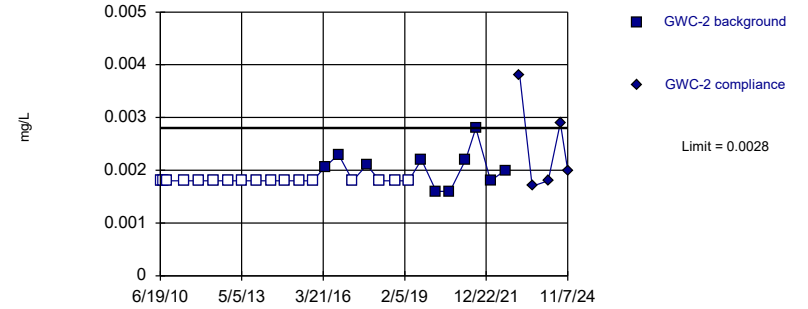
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 33 background values. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Chromium, Total Analysis Run 12/2/2024 10:38 AM View: Appendix I - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 62.96% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Nickel Analysis Run 12/2/2024 10:38 AM View: Appendix I - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 12/2/2024 10:40 AM View: Appendix I - Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-7	GWC-7
5/10/2010	0.007	
6/18/2010	0.011	
7/28/2010	0.0092	
9/9/2010	0.01	
4/30/2011	0.012	
10/29/2011	0.012	
5/4/2012	0.013	
11/10/2012	0.0097	
5/9/2013	0.013	
11/7/2013	0.013	
5/21/2014	0.0091 (J)	
11/12/2014	0.0097 (J)	
5/24/2015	0.018	
11/11/2015	0.0086 (J)	
4/13/2016	0.00924 (JD)	
6/20/2016	0.0084 (J)	
8/15/2016	0.0083	
10/6/2016	0.0081	
12/1/2016	0.0083	
2/9/2017	0.0087	
4/7/2017	0.009	
6/22/2017	0.0092	
10/6/2017	0.0095	
3/22/2018	0.0086 (J+X)	
10/4/2018	0.0083	
3/27/2019	0.0088	
9/11/2019	0.013	
3/19/2020	0.011	
9/10/2020	0.0098	
4/1/2021	0.0091	
8/11/2021	0.0092	
2/15/2022	0.0088	
8/25/2022	0.0085	
2/27/2023		0.0092
8/8/2023		0.0094
2/29/2024		0.012
8/6/2024		0.02
11/6/2024		0.02 (R)

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 12/2/2024 10:40 AM View: Appendix I - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-2	GWC-2
5/11/2010	0.0033 (O)	
6/19/2010	<0.0018	
7/27/2010	<0.0018	
9/9/2010	<0.0018	
4/28/2011	<0.0018	
10/28/2011	<0.0018	
5/3/2012	<0.0018	
11/9/2012	<0.0018	
5/9/2013	<0.0018	
11/5/2013	<0.0018	
5/22/2014	<0.0018	
11/13/2014	<0.0018	
5/24/2015	<0.0018	
11/11/2015	<0.0018	
4/12/2016	0.00206 (J)	
10/4/2016	0.0023 (J)	
4/6/2017	<0.0018	
10/4/2017	0.0021 (J)	
3/20/2018	<0.0018	
10/2/2018	<0.0018	
3/26/2019	<0.0018	
9/10/2019	0.0022	
3/18/2020	0.0016	
9/9/2020	0.0016	
4/1/2021	0.0022	
8/12/2021	0.0028	
2/15/2022	0.0018	
8/26/2022	0.002	
2/27/2023		0.0038
8/9/2023		0.0017
3/1/2024		0.0018
8/6/2024		0.0029
11/7/2024		0.002 (R)

FIGURE K.

Appendix III Intrawell Prediction Limits - 11/2024 Resample - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 12/2/2024, 10:50 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg.NBg	Mean	Std.Dev.	%NDs	ND Adj.	TransformAlpha	Method
Calcium (mg/L)	GWC-9	21	n/a	11/6/2024	23	Yes	20	n/a	n/a	0	n/a	n/a	0.004291 NP Intra (normality) 1 of 2
pH (S.U.)	GWC-7	6.42	5.96	11/6/2024	6.51	Yes	21	n/a	n/a	0	n/a	n/a	0.007998 NP Intra (normality) 1 of 2
Sulfate (mg/L)	GWC-3	1.1	n/a	11/7/2024	18	Yes	19	n/a	n/a	57.89	n/a	n/a	0.004832 NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-9	18.9	n/a	11/6/2024	30	Yes	19	3.156	0.4807	0	None	sqrt(x)	0.0004426 Param Intra 1 of 2

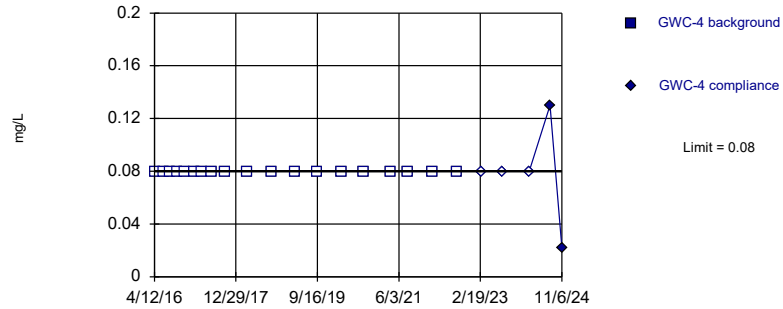
Appendix III Intrawell Prediction Limits - 11/2024 Resample - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 12/2/2024, 10:50 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBq	Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Boron (mg/L)	GWC-4	0.08	n/a	11/6/2024	0.022J	No	19	n/a	n/a	n/a	100	n/a	n/a	0.004832 NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-6	0.08	n/a	11/6/2024	0.08ND	No	19	n/a	n/a	n/a	89.47	n/a	n/a	0.004832 NP Intra (NDs) 1 of 2
Calcium (mg/L)	GWC-9	21	n/a	11/6/2024	23	Yes	20	n/a	n/a	0	n/a	n/a	0.004291	NP Intra (normality) 1 of 2
pH (S.U.)	GWC-2	7	6.23	11/7/2024	6.45	No	21	n/a	n/a	n/a	0	n/a	n/a	0.007998 NP Intra (normality) 1 of 2
pH (S.U.)	GWC-3	6.199	5.711	11/7/2024	6	No	22	5.955	0.1016	0	None	No	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-4	6.554	6.011	11/6/2024	6.15	No	24	6.282	0.1147	0	None	No	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-6	6.43	6.09	11/6/2024	6.4	No	23	n/a	n/a	0	n/a	n/a	0.006831	NP Intra (normality) 1 of 2
pH (S.U.)	GWC-7	6.42	5.96	11/6/2024	6.51	Yes	21	n/a	n/a	0	n/a	n/a	0.007998	NP Intra (normality) 1 of 2
pH (S.U.)	GWC-9	6.907	6.275	11/6/2024	6.58	No	23	6.591	0.1325	0	None	No	0.0002213	Param Intra 1 of 2
Sulfate (mg/L)	GWC-3	1.1	n/a	11/7/2024	18	Yes	19	n/a	n/a	57.89	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-9	18.9	n/a	11/6/2024	30	Yes	19	3.156	0.4807	0	None	sqrt(x)	0.0004426	Param Intra 1 of 2

Within Limit

Prediction Limit
Intrawell Non-parametric

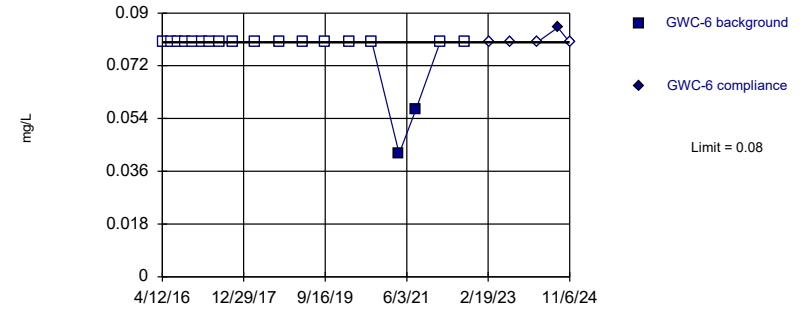


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 19) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Boron Analysis Run 12/2/2024 10:48 AM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

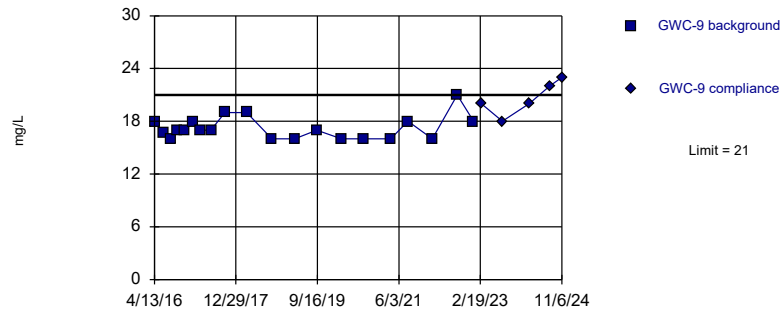


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 89.47% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Boron Analysis Run 12/2/2024 10:48 AM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Exceeds Limit

Prediction Limit
Intrawell Non-parametric

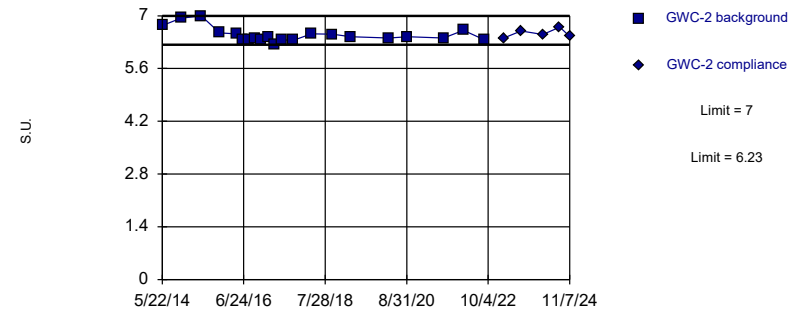


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 20 background values. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Calcium Analysis Run 12/2/2024 10:48 AM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit
Intrawell Non-parametric

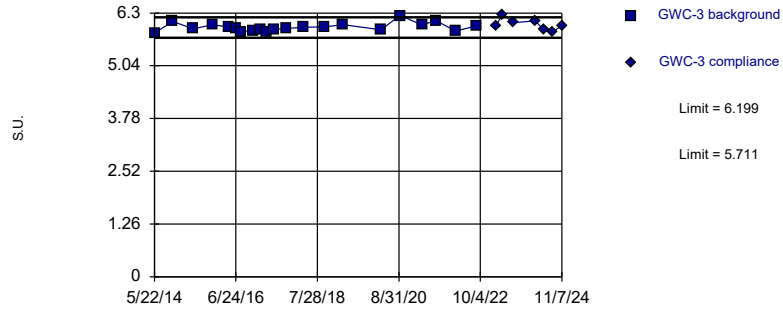


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 21 background values. Well-constituent pair annual alpha = 0.01596. Individual comparison alpha = 0.007998 (1 of 2).

Constituent: pH Analysis Run 12/2/2024 10:48 AM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit
Intrawell Parametric

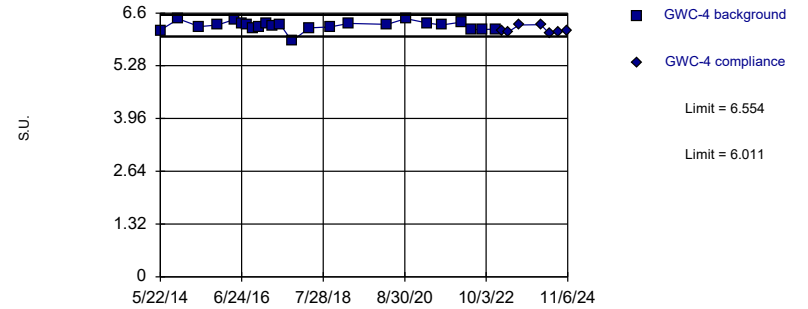


Background Data Summary: Mean=5.955, Std. Dev.=0.1016, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9136, critical = 0.878. Kappa = 2.406 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 12/2/2024 10:48 AM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit
Intrawell Parametric

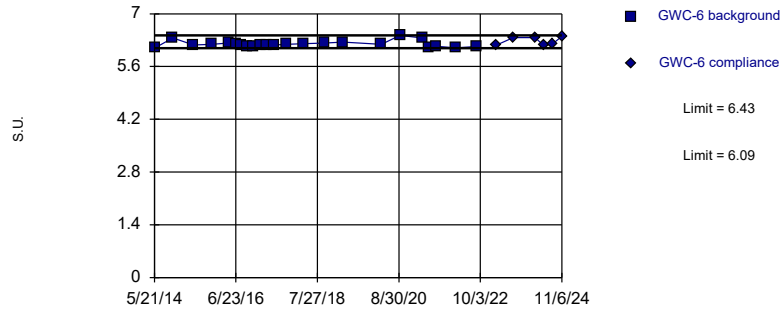


Background Data Summary: Mean=6.282, Std. Dev.=0.1147, n=24. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8874, critical = 0.884. Kappa = 2.366 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 12/2/2024 10:48 AM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit
Intrawell Non-parametric

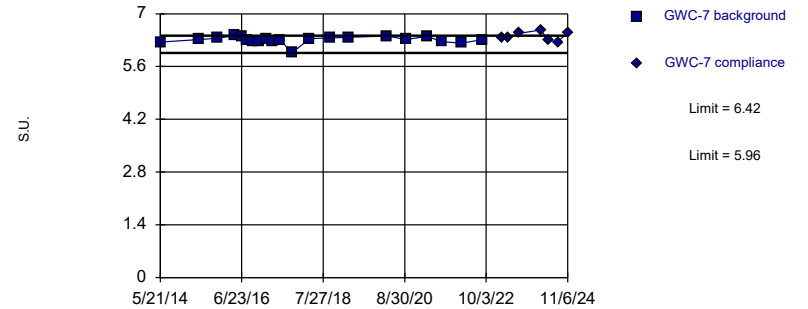


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 23 background values. Well-constituent pair annual alpha = 0.01364. Individual comparison alpha = 0.006831 (1 of 2).

Constituent: pH Analysis Run 12/2/2024 10:48 AM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Exceeds Limits

Prediction Limit
Intrawell Non-parametric

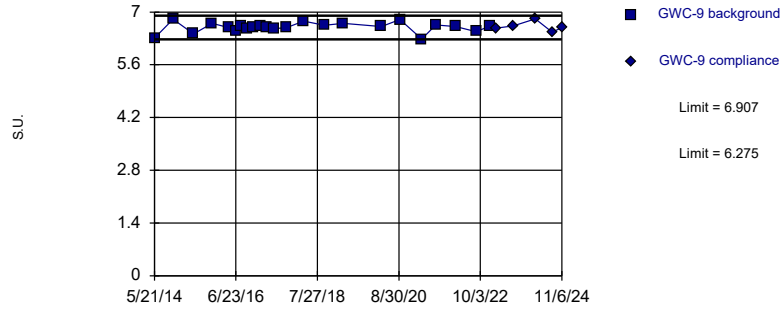


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 21 background values. Well-constituent pair annual alpha = 0.01596. Individual comparison alpha = 0.007998 (1 of 2).

Constituent: pH Analysis Run 12/2/2024 10:48 AM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit
Intrawell Parametric

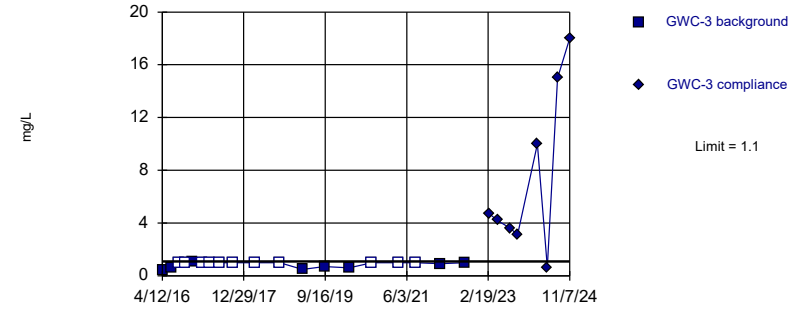


Background Data Summary: Mean=6.591, Std. Dev.=0.1325, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9376, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 12/2/2024 10:48 AM View: Appendix III - Resample
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Exceeds Limit

Prediction Limit
Intrawell Non-parametric

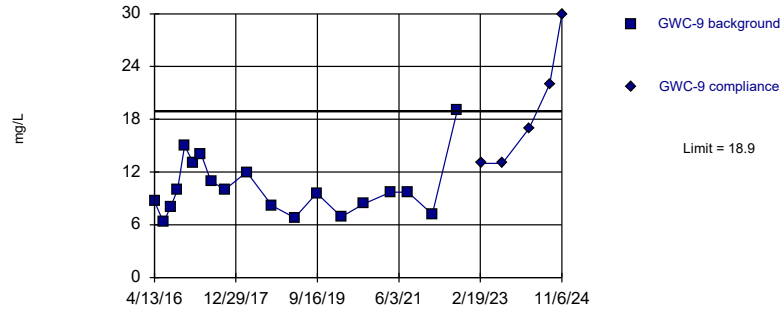


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 57.89% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Sulfate Analysis Run 12/2/2024 10:48 AM View: Appendix III - Resample
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Exceeds Limit

Prediction Limit
Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=3.156, Std. Dev.=0.4807, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9365, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Sulfate Analysis Run 12/2/2024 10:48 AM View: Appendix III - Resample
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 12/2/2024 10:50 AM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-4	GWC-4
4/12/2016	<0.08	
6/20/2016	<0.08	
8/12/2016	<0.08	
10/6/2016	<0.08	
11/30/2016	<0.08	
2/8/2017	<0.08	
4/6/2017	<0.08	
6/22/2017	<0.08	
10/6/2017	<0.08	
3/21/2018	<0.08	
10/3/2018	<0.08	
3/26/2019	<0.08	
9/10/2019	<0.08	
3/19/2020	<0.08	
9/10/2020	<0.08	
4/2/2021	<0.08	
8/12/2021	<0.08	
2/15/2022	<0.08	
8/25/2022	<0.08	
2/27/2023		<0.08
8/8/2023		<0.08
2/29/2024		<0.08
8/7/2024		0.13
11/6/2024		0.022 (J,R)

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 12/2/2024 10:50 AM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-6	GWC-6
4/12/2016	<0.08	
6/20/2016	<0.08	
8/12/2016	<0.08	
10/6/2016	<0.08	
11/30/2016	<0.08	
2/9/2017	<0.08	
4/6/2017	<0.08	
6/21/2017	<0.08	
10/6/2017	<0.08	
3/21/2018	<0.08	
10/3/2018	<0.08	
3/26/2019	<0.08	
9/11/2019	<0.08	
3/18/2020	<0.08	
9/10/2020	<0.08	
4/5/2021	0.042 (J)	
8/11/2021	0.057 (J)	
2/15/2022	<0.08	
8/25/2022	<0.08	
2/27/2023		<0.08
8/8/2023		<0.08
2/29/2024		<0.08
8/7/2024		0.085
11/6/2024		<0.08 (R)

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 12/2/2024 10:50 AM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-9	GWC-9
4/13/2016	18 (D)	
6/22/2016	16.7	
8/15/2016	16	
10/6/2016	17	
12/1/2016	17	
2/8/2017	18	
4/6/2017	17	
6/21/2017	17 (D)	
10/5/2017	19	
3/21/2018	19	
10/2/2018	16	
3/27/2019	16	
9/11/2019	17	
3/18/2020	16	
9/9/2020	16	
4/1/2021	16	
8/12/2021	18	
2/15/2022	16	
8/25/2022	21	
12/28/2022	18 (R)	
2/27/2023		20
8/8/2023		18
3/1/2024		20
8/6/2024		22
11/6/2024		23 (R)

Prediction Limit

Constituent: pH (S.U.) Analysis Run 12/2/2024 10:50 AM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-2	GWC-2
5/22/2014	6.74	
11/13/2014	6.94	
5/24/2015	7	
11/11/2015	6.55	
4/12/2016	6.52	
6/16/2016	6.38	
8/11/2016	6.38	
10/4/2016	6.39	
11/30/2016	6.38	
2/7/2017	6.43	
4/6/2017	6.23	
6/20/2017	6.36	
10/4/2017	6.35	
3/20/2018	6.52	
10/2/2018	6.51	
3/26/2019	6.44	
3/18/2020	6.41	
9/9/2020	6.44	
4/1/2021	7.32 (o)	
8/12/2021	6.41	
2/15/2022	6.61	
8/26/2022	6.37	
2/27/2023		6.41
8/9/2023		6.6
3/1/2024		6.5
8/6/2024		6.7
11/7/2024		6.45 (R)

Prediction Limit

Constituent: pH (S.U.) Analysis Run 12/2/2024 10:50 AM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-3	GWC-3
5/22/2014	5.82	
11/9/2014	6.1	
5/22/2015	5.92	
11/16/2015	6.02	
4/12/2016	5.97 (D)	
6/20/2016	5.93	
8/12/2016	5.86	
8/16/2016	5.86	
10/5/2016	5.1 (O)	
11/30/2016	5.88	
2/8/2017	5.89	
4/6/2017	5.84	
6/21/2017	5.91	
10/5/2017	5.93	
3/21/2018	5.96	
10/3/2018	5.97	
3/26/2019	6.02	
3/18/2020	5.9	
9/10/2020	6.24	
4/6/2021	6.01	
8/12/2021	6.12	
2/15/2022	5.87	
8/25/2022	5.99	
2/28/2023		6
5/2/2023		6.27
8/9/2023		6.07
3/4/2024		6.11
5/20/2024		5.9 (R)
8/7/2024		5.84
11/7/2024		6 (R)

Prediction Limit

Constituent: pH (S.U.) Analysis Run 12/2/2024 10:50 AM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-4	GWC-4
5/22/2014	6.17	
11/9/2014	6.45	
5/22/2015	6.26	
11/11/2015	6.3	
4/12/2016	6.44 (D)	
6/20/2016	6.33	
8/16/2016	6.3	
10/6/2016	6.21	
11/30/2016	6.26	
2/8/2017	6.35	
4/6/2017	6.29	
6/22/2017	6.31	
10/6/2017	5.9	
3/21/2018	6.23	
10/3/2018	6.25	
3/26/2019	6.34	
3/19/2020	6.32	
9/10/2020	6.46	
4/2/2021	6.35	
8/12/2021	6.3	
2/15/2022	6.37	
5/12/2022	6.19 (R)	
8/25/2022	6.19	
12/28/2022	6.2 (R)	
2/27/2023		6.17
5/2/2023		6.13
8/8/2023		6.3
2/29/2024		6.31
5/20/2024		6.08 (R)
8/7/2024		6.12
11/6/2024		6.15 (R)

Prediction Limit

Constituent: pH (S.U.) Analysis Run 12/2/2024 10:50 AM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-6	GWC-6
5/21/2014	6.09	
11/9/2014	6.36	
5/24/2015	6.17	
11/11/2015	6.19	
4/12/2016	6.22	
6/20/2016	6.2	
8/12/2016	6.17	
10/6/2016	6.14	
11/30/2016	6.14	
2/9/2017	6.18	
4/6/2017	6.17	
6/21/2017	6.17	
10/6/2017	6.19	
3/21/2018	6.21	
10/3/2018	6.22	
3/26/2019	6.25	
3/18/2020	6.19	
9/10/2020	6.43	
4/5/2021	6.36	
6/2/2021	6.09	
8/11/2021	6.14	
2/15/2022	6.1	
8/25/2022	6.13	
2/27/2023		6.16
8/8/2023		6.37
2/29/2024		6.37
5/20/2024		6.16 (R)
8/7/2024		6.19
11/6/2024		6.4 (R)

Prediction Limit

Constituent: pH (S.U.) Analysis Run 12/2/2024 10:50 AM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-7	GWC-7
5/21/2014	6.25	
5/24/2015	6.32	
11/11/2015	6.35	
4/13/2016	6.42	
6/20/2016	6.4	
8/15/2016	6.31	
10/6/2016	6.27	
12/1/2016	6.28	
2/9/2017	6.32	
4/7/2017	6.28	
6/22/2017	6.29	
10/6/2017	5.96	
3/22/2018	6.34	
10/4/2018	6.36	
3/27/2019	6.38	
3/19/2020	6.41	
9/10/2020	6.32	
4/1/2021	6.4	
8/11/2021	6.26	
2/15/2022	6.22	
8/25/2022	6.31	
2/27/2023		6.35
5/2/2023		6.38
8/8/2023		6.48
2/29/2024		6.57
5/7/2024		6.3 (R)
8/6/2024		6.25
11/6/2024		6.51 (R)

Prediction Limit

Constituent: pH (S.U.) Analysis Run 12/2/2024 10:50 AM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-9	GWC-9
5/21/2014	6.31	
11/12/2014	6.81	
5/23/2015	6.42	
11/12/2015	6.7	
4/13/2016	6.59	
6/22/2016	6.49	
8/15/2016	6.61	
10/6/2016	6.55	
12/1/2016	6.59	
2/8/2017	6.63	
4/6/2017	6.58	
6/21/2017	6.56	
10/5/2017	6.58	
3/21/2018	6.76	
10/2/2018	6.65	
3/27/2019	6.7	
3/18/2020	6.61	
9/9/2020	6.8	
4/1/2021	6.28	
8/12/2021	6.66	
2/15/2022	6.61	
8/25/2022	6.48	
12/28/2022	6.62 (R)	
2/27/2023		6.57
8/8/2023		6.63
3/1/2024		6.82
8/6/2024		6.47
11/6/2024		6.58 (R)

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 12/2/2024 10:50 AM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-3	GWC-3
4/12/2016	0.419 (JD)	
6/20/2016	0.6 (J)	
8/16/2016	<1	
10/5/2016	<1	
11/30/2016	1.1	
2/8/2017	<1	
4/6/2017	<1	
6/21/2017	<1	
10/5/2017	<1	
3/21/2018	<1	
10/3/2018	<1	
3/26/2019	0.47 (J)	
9/10/2019	0.7 (J)	
3/18/2020	0.6 (J)	
9/10/2020	<1	
4/6/2021	<1	
8/12/2021	<1	
2/15/2022	0.91 (J)	
8/25/2022	0.99 (J)	
2/28/2023		4.7
5/2/2023		4.2
8/9/2023		3.6
10/4/2023		3.1 (R)
3/4/2024		10
5/20/2024		0.64 (J,R)
8/7/2024		15
11/7/2024		18 (R)

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 12/2/2024 10:50 AM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-9	GWC-9
4/13/2016	8.66 (D)	
6/22/2016	6.3	
8/15/2016	8	
10/6/2016	10	
12/1/2016	15	
2/8/2017	13	
4/6/2017	14	
6/21/2017	11	
10/5/2017	10	
3/21/2018	12	
10/2/2018	8.2	
3/27/2019	6.8	
9/11/2019	9.6	
3/18/2020	6.9	
9/9/2020	8.4	
4/1/2021	9.7	
8/12/2021	9.7	
2/15/2022	7.2	
8/25/2022	19	
2/27/2023		13
8/8/2023		13
3/1/2024		17
8/6/2024		22
11/6/2024		30 (R)

FIGURE L.

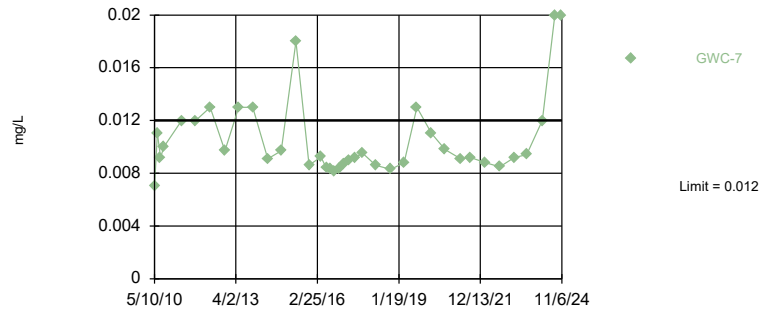
Appendix I Interwell Prediction Limits - Two-Step 11/2024 Resample - All/Significant

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 12/2/2024, 10:45 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBg	Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Chromium, Total (mg/L)	GWC-7	0.012	n/a	11/6/2024	0.02	Yes	111	n/a		n/a	33.33	n/a	n/a	0.0001598 NP Inter (normality) 1 of 2

Exceeds Limit: GWC-7

Prediction Limit Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 111 background values. 33.33% NDs. Annual per-constituent alpha = 0.005418. Individual comparison alpha = 0.0001598 (1 of 2). Assumes 16 future values.

Constituent: Chromium, Total Analysis Run 12/2/2024 10:45 AM View: Appendix I - Resample Interwell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 12/2/2024 10:45 AM View: Appendix I - Resample Interwell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17 (bg)	GWA-16 (bg)	GWA-15 (bg)	GWC-7
5/8/2010	0.0032 (J)			
5/9/2010		0.003 (J)	<0.002	
5/10/2010				0.007
6/16/2010	0.0037 (J)	0.0042 (J)		
6/18/2010			<0.002	0.011
7/26/2010	0.0058			
7/27/2010		0.0048 (J)		
7/28/2010			<0.002	0.0092
9/7/2010	0.0078	0.0037 (J)		
9/9/2010			<0.002	0.01
4/29/2011	0.005	0.0046 (J)		
4/30/2011			<0.002	0.012
10/28/2011	0.0068	0.005	<0.002	
10/29/2011				0.012
5/2/2012	0.0065	0.0052	<0.002	
5/4/2012				0.013
11/9/2012	0.006	0.0054	<0.002	
11/10/2012				0.0097
5/8/2013	0.0074	0.0058	<0.002	
5/9/2013				0.013
11/5/2013			0.0036	
11/6/2013	0.0082 (J)	0.0062 (J)		
11/7/2013				0.013
5/20/2014	0.0051 (J)	0.0047 (J)	<0.002	
5/21/2014				0.0091 (J)
11/8/2014	0.0074 (J)	0.0064 (J)		
11/12/2014			<0.002	0.0097 (J)
5/22/2015	0.0084 (J)	0.0059 (J)	<0.002	
5/24/2015				0.018
11/9/2015	0.009 (J)	0.0043 (J)		
11/11/2015			<0.002	0.0086 (J)
4/6/2016	0.00779 (J)	0.00457 (J)	<0.002	
4/13/2016				0.00924 (JD)
6/15/2016	<0.002	<0.002	<0.002	
6/20/2016				0.0084 (J)
8/10/2016	0.0068	0.0042	<0.002	
8/15/2016				0.0083
10/4/2016		0.0052	<0.002	
10/5/2016	0.0076			
10/6/2016				0.0081
11/29/2016	0.0045	0.004		
11/30/2016			<0.002	
12/1/2016				0.0083
2/7/2017	0.0067	0.004	<0.002	
2/9/2017				0.0087
4/4/2017	0.0079	0.0021 (J)	<0.002	
4/7/2017				0.009
6/20/2017	0.0084	0.0046	<0.002	
6/22/2017				0.0092
10/4/2017			<0.002	
10/5/2017	0.0061	0.005		
10/6/2017				0.0095

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 12/2/2024 10:45 AM View: Appendix I - Resample Interwell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17 (bg)	GWA-16 (bg)	GWA-15 (bg)	GWC-7
3/20/2018	0.006	0.0044	<0.002 (D)	
3/22/2018				0.0086 (J+X)
10/2/2018	0.0061	0.0043	<0.002	
10/4/2018				0.0083
3/26/2019	0.0065	0.0046	<0.002	
3/27/2019				0.0088
9/10/2019	0.012	0.0076	0.0023 (J)	
9/11/2019				0.013
3/18/2020	0.0083	0.0044	<0.002	
3/19/2020				0.011
9/9/2020	0.0088	0.005	<0.002	
9/10/2020				0.0098
4/1/2021	0.0082	0.0053	<0.002	0.0091
8/11/2021	0.0089	0.0059	<0.002	0.0092
2/15/2022	0.0084	0.0056	<0.002	0.0088
8/24/2022	0.0076			
8/25/2022		0.0056	<0.002	0.0085
2/27/2023				0.0092
2/28/2023	0.0083	0.0061	<0.002	
8/3/2023	0.0089	0.0073	<0.002	
8/8/2023				0.0094
2/28/2024	0.0096	0.0071		
2/29/2024				0.012
3/4/2024			<0.002	
8/6/2024	0.0086	0.008	<0.002	0.02
11/6/2024				0.02 (R)

FIGURE M.

Appendix III Interwell Prediction Limits - Two-Step 11/2024 Resample - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 12/2/2024, 10:53 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBg	Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Calcium (mg/L)	GWC-9	15	n/a	11/6/2024	23	Yes	69	n/a	n/a	n/a	0	n/a	n/a	0.0003928 NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-3	3.5	n/a	11/7/2024	18	Yes	69	n/a	n/a	n/a	68.12	n/a	n/a	0.0003928 NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-9	3.5	n/a	11/6/2024	30	Yes	69	n/a	n/a	n/a	68.12	n/a	n/a	0.0003928 NP Inter (NDs) 1 of 2

Appendix III Interwell Prediction Limits - Two-Step 11/2024 Resample - All Results

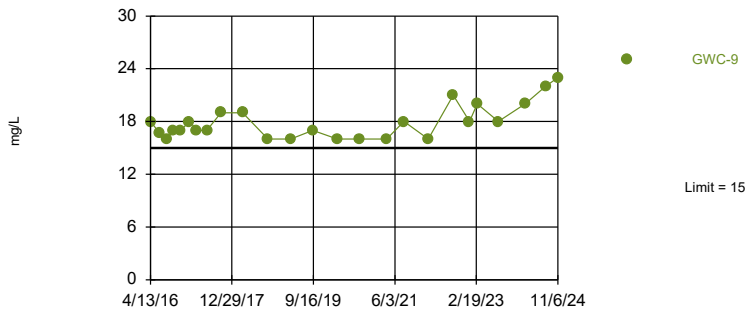
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 12/2/2024, 10:53 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBq	Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Calcium (mg/L)	GWC-9	15	n/a	11/6/2024	23	Yes	69	n/a	n/a	n/a	0	n/a	n/a	0.0003928 NP Inter (normality) 1 of 2
pH (S.U.)	GWC-7	6.52	5.24	11/6/2024	6.51	No	79	n/a	n/a	n/a	0	n/a	n/a	0.0006056 NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-3	3.5	n/a	11/7/2024	18	Yes	69	n/a	n/a	n/a	68.12	n/a	n/a	0.0003928 NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-9	3.5	n/a	11/6/2024	30	Yes	69	n/a	n/a	n/a	68.12	n/a	n/a	0.0003928 NP Inter (NDs) 1 of 2

Exceeds Limit: GWC-9

Prediction Limit

Interwell Non-parametric



Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 12/2/2024 10:53 AM View: Appendix III - Resample Interwell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-9
4/6/2016	3.62	12.1	6.58	
4/13/2016				18 (D)
6/15/2016	4.5	11.8	6.9	
6/22/2016				16.7
8/10/2016	3.8	10	5.5	
8/15/2016				16
10/4/2016	5.3	14		
10/5/2016			6.8	
10/6/2016				17
11/29/2016		10	4.8	
11/30/2016	4.7			
12/1/2016				17
2/7/2017	3.8	12	7.8	
2/8/2017				18
4/4/2017	3.8	11	6.4	
4/6/2017				17
6/20/2017	4.1	11	7	
6/21/2017				17 (D)
10/4/2017	4.6			
10/5/2017		13	6.6	19
3/20/2018	4.2 (D)	12	6.6	
3/21/2018				19
10/2/2018	4.2	11	5.8	16
3/26/2019	4	11	6.7	
3/27/2019				16
9/10/2019	4.8	12	7.5	
9/11/2019				17
3/18/2020	3.8	12	7.3	16
9/9/2020	4	11	7.3	16
4/1/2021	4	12	7.8	16
8/11/2021	4.1	11	7.3	
8/12/2021				18
2/15/2022	3.6	10	7.1	16
8/24/2022			8.9	
8/25/2022	4.9	13		21
12/28/2022				18 (R)
2/27/2023				20
2/28/2023	4.1	13	8.7	
8/3/2023	4.7	13	8.3	
8/8/2023				18
2/28/2024		15	9	
3/1/2024				20
3/4/2024	3.8			
8/6/2024	4.2	15	9	22
11/6/2024				23 (R)

Prediction Limit

Constituent: pH (S.U.) Analysis Run 12/2/2024 10:53 AM View: Appendix III - Resample Interwell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-7
5/20/2014	5.27	6.18	5.68	
5/21/2014				6.25
11/8/2014		6.52	6.04	
11/12/2014	5.7			
5/22/2015	5.52	6.3	5.87	
5/24/2015				6.32
11/9/2015			5.97	
11/11/2015	5.63	6.36		6.35
4/6/2016	5.5 (D)	6.46 (D)	5.937 (D)	
4/13/2016				6.42
6/15/2016	5.52	6.39	5.96	
6/20/2016				6.4
8/10/2016	5.5	6.39	5.94	
8/15/2016				6.31
10/4/2016	5.56	6.4		
10/5/2016			5.86	
10/6/2016				6.27
11/29/2016		6.36	5.82	
11/30/2016	5.46			
12/1/2016				6.28
2/7/2017	5.28	6.45	6.15	
2/9/2017				6.32
4/1/2017	5.48			
4/4/2017	5.48	6.37	6	
4/7/2017				6.28
6/20/2017	5.44	6.4	6.34	
6/22/2017				6.29
10/4/2017	5.44			
10/5/2017		6.42	5.93	
10/6/2017				5.96
3/20/2018	5.48	6.36	5.97	
3/22/2018				6.34
10/2/2018	5.49	6.38	6.03	
10/4/2018				6.36
3/26/2019	5.41	6.42	6.12	
3/27/2019				6.38
3/18/2020	5.42	6.29	6.03	
3/19/2020				6.41
9/9/2020	5.71	6.33	6.05	
9/10/2020				6.32
4/1/2021	5.31	6.44	6.14	6.4
8/11/2021	5.5	6.35	6.14	6.26
2/15/2022	5.4	6.46	6.2	6.22
8/24/2022			6.22	
8/25/2022	5.4	6.42		6.31
2/27/2023				6.35
2/28/2023	5.4	6.45	6.19	
5/2/2023				6.38
8/3/2023	5.48	6.24	6.22	
8/8/2023				6.48
2/28/2024		6.49	6.41	
2/29/2024				6.57

Prediction Limit

Constituent: pH (S.U.) Analysis Run 12/2/2024 10:53 AM View: Appendix III - Resample Interwell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-7
3/4/2024	5.24			
5/7/2024				6.3 (R)
8/6/2024	5.48	6.35	6.21	6.25
11/6/2024				6.51 (R)

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 12/2/2024 10:53 AM View: Appendix III - Resample Interwell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-17 (bg)	GWA-16 (bg)	GWC-3	GWC-9
4/6/2016	0.799 (J)	<1	<1		
4/12/2016				0.419 (JD)	
4/13/2016					8.66 (D)
6/15/2016	<1	<1	<1		
6/20/2016				0.6 (J)	
6/22/2016					6.3
8/10/2016	<1	<1	<1		
8/15/2016					8
8/16/2016				<1	
10/4/2016	<1		<1		
10/5/2016		<1		<1	
10/6/2016					10
11/29/2016		<1	<1		
11/30/2016	<1			1.1	
12/1/2016					15
2/7/2017	0.8 (J)	<1	<1		
2/8/2017				<1	13
4/4/2017	<1	<1	<1		
4/6/2017				<1	14
6/20/2017	<1	<1	<1		
6/21/2017				<1	11
10/4/2017	<1				
10/5/2017		<1	<1	<1	10
3/20/2018	1.2	<1	<1		
3/21/2018				<1	12
10/2/2018	<1	<1	<1		8.2
10/3/2018				<1	
3/26/2019	2.1	0.58 (J)	<1	0.47 (J)	
3/27/2019					6.8
9/10/2019	0.65 (J)	0.44 (J)	<1	0.7 (J)	
9/11/2019					9.6
3/18/2020	3.1	0.51 (J)	0.67 (J)	0.6 (J)	6.9
9/9/2020	1.6	<1	<1		8.4
9/10/2020				<1	
4/1/2021	2.7	<1	<1		9.7
4/6/2021				<1	
8/11/2021	1.3	<1	<1		
8/12/2021				<1	9.7
2/15/2022	2.6	<1	<1	0.91 (J)	7.2
8/24/2022		<1			
8/25/2022	1.9		<1	0.99 (J)	19
2/27/2023					13
2/28/2023	3.5	1.3	1.4	4.7	
5/2/2023				4.2	
8/3/2023	1.7	<1	0.4 (J)		
8/8/2023					13
8/9/2023				3.6	
10/4/2023				3.1 (R)	
2/28/2024		<1	<1		
3/1/2024					17
3/4/2024	2.8			10	
5/20/2024				0.64 (J,R)	

Prediction Limit

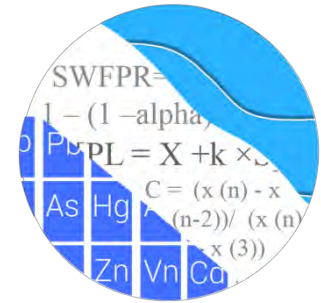
Constituent: Sulfate (mg/L) Analysis Run 12/2/2024 10:53 AM View: Appendix III - Resample Interwell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-17 (bg)	GWA-16 (bg)	GWC-3	GWC-9
8/6/2024	1.3	<1	<1		22
8/7/2024				15	
11/6/2024					30 (R)
11/7/2024				18 (R)	

GROUNDWATER STATS CONSULTING

January 31, 2025

Southern Company Services
Attn: Mr. Joju Abraham
241 Ralph McGill Blvd NE, Bin 10160
Atlanta, Georgia 30308-3374



Re: Plant Scherer PAC Landfill
Statistical Analysis – August 2024

Dear Mr. Abraham,

Groundwater Stats Consulting, formerly the statistical consulting division of Sanitas Technologies, is pleased to provide the groundwater statistical analysis for the 2024 2nd Semi-Annual Groundwater Monitoring Statistical Analysis sample event for Georgia Power Company's Plant Scherer PAC Landfill. The analysis complies with the Georgia Environmental Protection Division (EPD) Rules for Solid Waste Management Chapter 391-3-4-.10 and follows the United States Environmental Protection Agency (USEPA) Unified Guidance (2009).

Sampling began for the Coal Combustion Residuals (CCR) program in 2016. Semi-annual sampling for 16 parameters began in 2010 in accordance with the Georgia Department of Natural Resources, Environmental Protection Division (Georgia EPD) groundwater monitoring regulations. At least 8 background samples have been collected at each of the groundwater monitoring wells.

The monitoring well network, as provided by Southern Company Services, consists of the following:

- **Upgradient wells:** GWA-21, GWA-22, GWA-45, GWA-46, GWA-47, GWA-48, and GWA-49
- **Downgradient wells:** GWC-29, GWC-50, GWC-51, GWC-52, and GWC-53

Data were sent electronically to Groundwater Stats Consulting, and the statistical analysis was reviewed by Andrew Collins, Project Manager of Groundwater Stats Consulting. The analysis is prepared according to the recommended statistical methodology prepared in the Fall 2017 by Dr. Kirk Cameron, PhD Statistician with MacStat Consulting, primary author of the USEPA Unified Guidance.

Resamples were collected in November 2022 for TDS at wells GWA-45, GWA-46, GWA-47, GWA-48, GWA-49, GWC-29, GWC-50, GWC-51, GWC-52, and GWC-53 due to the August 2022 samples and October 2022 resamples being out of holding times. Per request of WSP, the samples that exceeded hold times for TDS are not included in the Sanitas database. Resamples were also collected for pH at these wells in October and November 2022 and all pH samples were retained in the database.

The following constituents were evaluated:

- **CCR Appendix III** - boron, calcium, chloride, fluoride, pH, sulfate, and TDS
- **Georgia EPD Appendix I** - antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, nickel, selenium, silver, thallium, vanadium, and zinc

Due to varying detection limits in data sets, generally due to improved laboratory practices, a substitution of the most recent reporting limit is used for all non-detects. Note that for calculation of intrawell prediction limits, substitution of the most recent reporting limit is performed separately for each well/parameter pair. In some cases, the reporting limit provided by the laboratory contained varying limits for a given parameter; therefore, the substitution may differ from well to well. This generally gives the most conservative limit in each case. In the case of zinc, the reporting limit during the March 2023 sample event increased to 0.015 mg/L from the previous reporting limit of 0.005 mg/L. In order to maintain conservative limits, the current reporting limit of 0.005 mg/L was substituted for all wells. In the case of fluoride, varying reporting limits resulted from different laboratories for the February/March 2024 event; therefore, a reporting limit of 0.1 mg/L was substituted across all wells to maintain statistical limits that are conservative from a regulatory perspective.

Time series plots for CCR Appendix III and Georgia EPD Appendix I parameters at all wells are provided for the purpose of screening data at these wells (Figure A). Additionally, a separate section of box plots is included for all constituents at upgradient and downgradient wells (Figure B). The time series plots are used to initially screen for suspected outliers and trends, while the box plots provide visual representation of variation within individual wells and between all wells. Values in background which have

been flagged as outliers may be seen in a lighter font and as a disconnected symbol on the graphs.

In earlier analyses, data at all wells for constituents detected in downgradient wells were evaluated for the following: 1) outliers; 2) trends; 3) most appropriate statistical method based on site characteristics of groundwater data upgradient of the facility; and 4) eligibility of downgradient wells when intrawell statistical methods are recommended. Power curves were provided during the background update discussed below to demonstrate that the selected statistical methods for the parameters listed above comply with the USEPA Unified Guidance and the Georgia Environmental Protection Division Rules for Solid Waste Management Chapter 391-3-4-.10. The EPA suggests that the selected statistical method should provide at least 55% power at 3 standard deviations or at least 80% power at 4 standard deviations. Power curves were based on the following:

Georgia EPD Appendix I Constituents:

- Semi-Annual Sampling
- Intrawell Prediction Limits with 1-of-2 resample plan (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, nickel, selenium, thallium, vanadium, and zinc)
- # Constituents: 15 (silver was 100% non-detects in all downgradient wells)
- # Downgradient wells: 5

CCR Appendix III Constituents:

- Semi-Annual Sampling
- Intrawell Prediction Limits with 1-of-2 resample plan (boron, calcium, chloride, fluoride, pH, sulfate, and TDS)
- # Constituents: 7
- # Downgradient wells: 5

Statistical analyses are not required when 100% non-detects are present in downgradient wells for a given constituent; therefore, no prediction limits were required for silver. A summary of all Appendix I well/constituent pairs with 100% non-detects follows this letter.

Parametric prediction limits are utilized when the screened historical data follow a normal or transformed-normal distribution. When data cannot be normalized or the majority of data are non-detects, a nonparametric test is utilized. While the false positive rate associated with the parametric limits is based on an annual 10% (5% for each semi-annual sample event) as recommended by the EPA Unified Guidance (2009), the false positive

rate associated with the nonparametric limits is dependent upon the available background sample size, number of future comparisons, and verification resample plan. The distribution of data is tested using the Shapiro-Wilk/Shapiro-Francia test for normality. After testing for normality and performing any adjustments as discussed below (US EPA, 2009), data are analyzed using either parametric or non-parametric prediction limits. Non-detects are handled as follows:

- No statistical analyses are required on wells and analytes containing 100% non-detects (USEPA Unified Guidance, 2009, Chapter 6).
- When data contain <15% non-detects, simple substitution of one-half the reporting limit is utilized in the statistical analysis. The reporting limit utilized for non-detects is the most recent practical quantification limit (PQL) as reported by the laboratory.
- When data contain between 15-50% non-detects, the Kaplan-Meier non-detect adjustment is applied to the background data for parametric limits. This technique adjusts the mean and standard deviation of the historical concentrations to account for concentrations below the reporting limit.
- Nonparametric prediction limits are used on data containing greater than 50% non-detects.

Natural systems continuously evolve due to physical changes made to the environment. Examples include capping a landfill, paving areas near a well, or lining a drainage channel to prevent erosion. Periodic updating of background statistical limits is necessary to accommodate these types of changes. In the intrawell case, data for all wells and constituents may be re-evaluated when a minimum of 4 new data points are available to determine whether earlier concentrations are representative of present-day groundwater quality. In some cases, an earlier portion of data is deselected prior to construction of limits to provide sensitive limits that will rapidly detect changes in groundwater quality. Even though the data are excluded from the calculation, the values will continue to be reported and shown in tables and graphs.

Two-Step Statistical Analysis

Intrawell statistical methods, combined with a 1-of-2 resample plan, may be used as a conservative first step for identifying potential facility impacts in downgradient wells. Intrawell methods use background data for individual wells and may be overly sensitive to spatial variation. In particular for nonparametric limits with small background sample sizes, the probability of a false positive is much higher than the desired annual sitewide rate of 10%. Therefore, a large number of exceedances may occur as a result of spatial variation rather than facility impacts.

A second step can be used to further evaluate those exceedances and reduce the overall number of statistically significant increases (SSIs) that result from spatial variation. In instances where intrawell statistical methods identify an apparent SSI, a second step of interwell statistical evaluation may be used to determine whether the measurement exceeds the sitewide background limit based on pooled upgradient well data. This is similar in concept to the procedure used in compliance monitoring programs where an interwell statistical limit is used to determine "background" (USEPA Unified Guidance (2009), Chapter 7, Section 7.5). For the detection monitoring program, if the result does not exceed sitewide (interwell) background, an SSI is not declared.

When the result exceeds the sitewide (interwell) background, the 1-of-2 resample plan allows for collection of an independent resample to confirm or disconfirm the initial finding. A statistically significant increase is not declared unless the resample also exceeds the intrawell prediction limit (United State Environmental Protection Agency (USEPA) Unified Guidance, March 2009, Chapter 19). When the resamples confirm the initial exceedance, further research would be required to identify the cause of the exceedance (i.e., impact from the site, natural variation, or an off-site source). When any resample falls within the statistical limit, the initial exceedance is considered to be a false positive result, and no further action is necessary. In cases where intrawell and interwell exceedances are noted and no resamples are collected, the initial exceedance will be considered a confirmed statistically significant increase.

Trend tests, in addition to interwell prediction limits, are recommended for well/constituent pairs found to have an initial intrawell SSI. Trend analysis will provide for detection of long-term changes and potential facility impacts at a given well in cases where the concentrations at that well remain below the sitewide upgradient limits. Thus, the two-step approach has additional capability to detect long-term changes at downgradient wells compared to interwell methods alone. While a trend may be identified by visual inspection, a quantification of the trend and its significance is needed to identify whether concentrations are statistically significantly increasing, decreasing, or remaining stable over time. The absence of a statistically significant increasing trend indicates that an initial intrawell exceedance is short-term and may be the result of spatial variation rather than facility impact to groundwater. If a facility impact has occurred, it will likely result in additional exceedances in future sampling events. When a statistically significant increasing trend is noted, additional data may be needed to demonstrate that there is reasonable evidence that the initial intrawell statistical exceedance is a result of spatial variation rather than a result of impact to groundwater quality downgradient of the facility.

Summary of Background Screening – CCR Appendix III – Conducted in 2017

The original background screening for Appendix III constituents was conducted in 2017 by MacStat Consulting. Values identified as outliers were flagged in the database and excluded prior to construction of statistical limits. Intrawell prediction limits, combined with a 1-of-2 resample plan, were recommended. The Analysis of Variance (ANOVA) was used to statistically evaluate differences in average concentrations among upgradient wells, which assists in identifying the most appropriate statistical approach.

Interwell tests, which compare downgradient well data to statistical limits constructed from pooled upgradient well data, are appropriate when average concentrations are similar across upgradient wells. Intrawell tests, which compare compliance data from a single well to screened historical background data within the same well, are appropriate when upgradient wells exhibit spatial variation; when statistical limits constructed from upgradient wells would not be conservative from a regulatory perspective; and when downgradient background water quality is unimpacted compared to upgradient water quality for the same parameter. Based on the results of the original background screening, intrawell tests were recommended for all Appendix III parameters.

Summary of Background Screening Georgia EPD Appendix I - Conducted in August 2019

Outlier and Trend Testing

Time series plots were used to identify suspected outliers, or extreme values that would result in limits that are not representative of the current background data population. Suspected outliers at all wells and parameters are formally tested using Tukey's box plot method and, when identified, flagged in the computer database with "o" and deselected prior to construction of statistical limits. The results of Tukey's outlier test as well as a discussion of potential outliers and flagged values were included with the background screening report.

Seasonality

No obvious seasonal patterns were observed on the time series plots for any of the detected data; therefore, no deseasonalizing adjustments were made to the data. When seasonal patterns are observed, data may be deseasonalized so that the resulting limits will correctly account for the seasonality as a predictable pattern rather than random variation or a release.

Trends

While trends may be identified by visual inspection, a quantification of the trend and its significance is needed. The Sen's Slope/Mann Kendall trend test, which tests for statistically significant increasing or decreasing trends, was used to evaluate data at all upgradient wells and downgradient wells with detections.

In the absence of suspected contamination, significant trending data are typically not included as part of the background data used for construction of prediction limits. This step serves to eliminate the trend and, thus, reduce variation in background. When statistically significant decreasing trends are present, all available data are evaluated to determine whether earlier concentration levels are significantly different from current reported concentrations and will be deselected as necessary. When any records of data are truncated for the reasons above, a summary report will be provided to show the date ranges used in construction of the statistical limits.

The results of the trend analyses showed several statistically significant increasing and decreasing trends; however, the majority of these were relatively low in magnitude when compared to average concentrations and, therefore, required no adjustments. It was noted that several of the upgradient wells had higher reported measurements in the earliest part of the records for some of the metals. These values were not deselected at this time since the measurements serve as reference data upgradient of the facility. If similar measurements are observed at a later time in one or more downgradient wells, the earlier upgradient data may indicate that the change is occurring rather than a result of practices at the facility. Lastly, while there was an overall increasing trend in concentrations for cobalt at well GWC-53, data are highly variable and similar to concentrations that have historically been reported in upgradient well GWA-45. Therefore, no adjustment was made to this record at that time.

Determination of Spatial Variation

The Analysis of Variance (ANOVA) was used to statistically evaluate differences in average concentrations among upgradient wells for constituents detected in downgradient wells. The ANOVA assists in identifying the most appropriate statistical approach.

Generally, constituents without significant differences, based on ANOVA across upgradient wells, may be considered for interwell analysis. However, the Scherer PAC Landfill is lined, and pre-waste data are available that show metals were present in low level detections during the collection of background data. Furthermore, for some constituents, the reported concentrations are higher in upgradient wells than in

downgradient wells. This would result in interwell limits that would not readily detect changes in the downgradient wells with lower concentrations. Therefore, intrawell prediction limits are recommended as the most appropriate statistical analysis for all of the Georgia EPD constituents at this landfill.

Summary of Background Updates – Georgia EPD Appendix I and CCR Appendix III

June 2021

Outlier Analysis

Prior to updating background data, visual screening was used to evaluate data for suspected outliers in upgradient and downgradient wells through September 2020. All of the more recent compliance measurements appeared stable compared to the previously screened historical data sets; therefore, no new outliers were flagged except for a high value for lead (0.0034 mg/L) in well GWC-52 in order to maintain conservative (i.e., lower) statistical limits. A summary of all flagged outliers follows this letter. Outliers are displayed in a lighter font and as a disconnected symbol on the time series reports, as well as in a lighter font on the accompanying data pages.

Mann-Whitney Comparison of Medians

For constituents requiring intrawell prediction limits (all Georgia EPD Appendix I and CCR Appendix III constituents in this instance), the Mann-Whitney (Wilcoxon Rank Sum) test was used to compare the medians of historical data through October 2018 to the new compliance samples at each well through September 2020. When no variation is present between historical data and compliance samples, the Mann-Whitney test is not performed. A list of well/constituent pairs with no variation was included in the background update report. When the medians of the two groups are not statistically significantly different at the 99% confidence level, background data sets are updated to include the newer compliance data. The results of the Mann-Whitney test and discussion regarding updating background records were included with the background update report. A summary of well/constituent pairs using a truncated portion of their record to establish intrawell prediction limits follows this letter. All records for Appendix I and Appendix III constituents using intrawell methods were re-evaluated during the next background update.

May 2023

Outlier Analysis

Prior to updating background data, visual screening and Tukey's outlier test was used to evaluate data for suspected outliers in upgradient and downgradient wells through November 2022. All previously flagged values were confirmed either by Tukey's test or visual screening; therefore, no new outliers were flagged except for a historic high value for vanadium in upgradient well GWA-47 (0.041 mg/L) that was flagged reduce variation in the record. Due to an increasing trend in the most recent data for barium at upgradient well GWA-45, observations between September 2019 and April 2021 in this well were not included in the interwell limit. The observations were flagged with an "L" flag and are included in the Outlier Summary, which shows all flagged outliers (Figure C). Outliers are displayed in a lighter font and as a disconnected symbol on the time series reports, as well as in a lighter font on the accompanying data pages.

Mann-Whitney Comparison of Medians

For constituents requiring intrawell prediction limits (all Georgia EPD Appendix I and CCR Appendix III constituents), the Mann-Whitney (Wilcoxon Rank Sum) test was used to compare the medians of historical data through September 2020 to the new compliance samples at each well through August 2022 (November 2022 for pH and TDS), which would include all observations prior to the compliance sample in 2023. When no variation is present between historical data and compliance samples, the Mann-Whitney test is not used. When the medians of the two groups are not statistically significantly different at the 99% confidence level (either an increase or decrease), background data sets are updated to include the newer compliance data. The results of the Mann-Whitney test showed statistically significant differences for the following well/constituent pairs:

Increase:

- Barium: GWA-45, GWA-46 (both upgradient), GWC-29, GWC-50, and GWC-52
- Boron: GWA-45 (upgradient)
- Calcium: GWC-29 and GWC-52
- Chloride: GWA-45, GWA-46 (both upgradient), GWC-51, and GWC-53
- Chromium: GWC-51 and GWC-52
- Nickel: GWC-50
- pH: GWC-29 and GWC-51
- Sulfate: GWC-52
- Vanadium: GWA-21 (upgradient)

Decrease:

- Antimony: GWA-47, GWA-48 (both upgradient), and GWC-51
- Arsenic: GWA-48 (upgradient)
- Barium: GWC-53
- Beryllium: GWA-22 (upgradient)
- Calcium: GWA-45 (upgradient)
- Cobalt: GWC-29, GWC-50, and GWC-51
- Fluoride: GWC-53
- Lead: GWA-22 (upgradient), GWC-50, and GWC-53
- Nickel: GWA-45 (upgradient)
- Thallium: GWC-51
- Zinc: GWA-45 (upgradient)

For both Appendix I and III well/constituent pairs with a statistically significant increase in median concentrations, the following records were not updated with data through August 2022 in order to maintain statistical limits that are conservative from a regulatory perspective:

- Chromium: GWC-52
- Sulfate: GWC-52

The remaining records with statistically significant increases were updated through August 2022 (November 2022 for pH) and are listed below. For upgradient wells, the increasing concentrations are assumed to result from spatial variation and to represent unimpacted background conditions. The increases in downgradient wells appear to be close to historic concentrations in the same well or resemble concentrations from an upgradient well and would have little to no impact on resulting statistical limits:

- Boron: GWA-45 (upgradient)
- Barium: GWA-45 (upgradient), GWA-46 (upgradient), GWC-29, GWC-50, and GWC-52
- Calcium: GWC-29 and GWC-52
- Chloride: GWA-45, GWA-46 (both upgradient), GWC-51, and GWC-53
- Chromium: GWC-51
- Nickel: GWC-50
- pH: GWC-29 and GWC-51

Regarding Appendix I and III well/constituent pairs with a statistically significant decrease in median concentrations, all records were updated with compliance data as all concentrations (with the exception of barium at GWC-53) were reported as trace values

(i.e., below the reporting limit). For barium at GWC-53, background data were updated through August 2022, and elevated background concentrations in the early part of the record were truncated in order to construct statistical limits that are conservative (i.e., lower) from a regulatory perspective and are more representative of present-day groundwater quality conditions.

The Mann Whitney test did not identify significant differences in medians for lead; however, historical data prior to 2016 are more variable than more recent concentrations. Therefore, all historical data prior to 2016 for lead were truncated at all wells so that resulting prediction limits are conservative (i.e., lower) from a regulatory perspective. Additionally, lower concentrations early in the record for boron at upgradient well GWA-45 were truncated in order to eliminate the overall increasing trend and construct statistical limits that are more conservative.

A summary of well/constituent pairs using a truncated portion of their record to establish intrawell prediction limits follows this letter. All records for Appendix I and Appendix III constituents using intrawell methods will be re-evaluated during the next background update.

Statistical Analysis of Georgia EPD Appendix I Constituents – August 2024

Intrawell limits were constructed for all Georgia EPD Appendix I constituents. In cases where downgradient average concentrations are higher than observed upgradient concentrations for a given constituent, the current assumption is that the higher downgradient concentrations are due to spatial variation rather than a result of practices at the landfill. The pre-waste data support this logic.

Prediction Limits

Intrawell prediction limits, combined with a 1-of-2 resample plan, were constructed using all available data through August 2022 within each well for constituents with detections (Figure D). As mentioned above, the Date Range summary provides the period of record used for well/constituent pairs where records have been truncated, The August 2024 compliance samples were compared to these intrawell background limits. As previously discussed, no statistical analyses were included for silver since all records contain 100% non-detects in downgradient wells, or for other individual well/constituent pairs containing 100% non-detects.

In the event of an initial exceedance of compliance well data, the 1-of-2 resample plan allows for collection of one additional sample to determine whether the initial exceedance

is confirmed. When resamples confirm the initial exceedance, an SSI is identified, and further research would be required to identify the cause of the exceedance (i.e., impact from the site, natural variation, or an off-site source). If a resample falls within the statistical limit, the initial exceedance is considered to be a false positive result, and no further action is necessary. A summary table of the background intrawell prediction limits and exceedances follows this letter, along with the complete graphical results. Statistical exceedances were noted for the following well/constituent pairs:

- Arsenic: GWA-46, GWA-47, GWA-49 (all upgradient), GWC-50, and GWC-52
- Barium: GWA-46 (upgradient) and GWC-52
- Chromium: GWA-22 (upgradient) and GWC-52

Two-Step Analysis

Following the two-step analysis procedure, interwell prediction limits were then constructed using pooled upgradient well data through March 2024 to evaluate the initial intrawell prediction limit exceedances listed above in downgradient wells (Figure E). No exceedances were identified.

Trend Tests

When initial prediction limit exceedances occur in any of the downgradient wells, data are further evaluated using the Sen's Slope/Mann Kendall trend test at the 99% confidence level to determine whether concentrations are significantly increasing, decreasing, or stable (Figure F). Upgradient wells are included in the trend analyses to identify whether similar patterns exist upgradient of the site. Trends in upgradient trends are an indication of variability in groundwater unrelated to practices at the site. Both a summary and complete graphical results of the trend tests follow this letter. Statistically significant trends were noted for the following well/constituent pairs:

Increasing:

- Barium: GWA-45, GWA-46 (both upgradient), and GWC-52
- Chromium: GWA-22 (upgradient) and GWC-52

Decreasing:

- Barium: GWA-22 (upgradient)
- Chromium: GWA-21 (upgradient)

Note that the cause of the trend for chromium at GWC-52 is pending and requires further analysis beyond the scope of this analysis. If research shows these higher concentrations

reflect spatial variation, the earlier portion of the record may require deselection so that resulting limits are reflective of present-day water quality conditions.

Statistical Analysis of Appendix III Parameters – August 2024

Intrawell prediction limits for all Appendix III parameters, combined with a 1-of-2 resample plan, were constructed using all historical data through August 2022, except for pH and TDS which use historical data through November 2022 (Figure G). The August 2024 compliance data were compared to those limits.

As discussed earlier, the most recent reporting limit is substituted on a well-by-well basis for computing intrawell prediction limits. Therefore, individual wells can have different substitutions for a given parameter depending on what the laboratory has reported for each well. Note that the intrawell prediction limit changed compared to those established during the background update for fluoride at most wells as a result of the most recent reporting limit replacing historic non-detects. No significant changes to statistical limits occurred as a result and all August 2024 observations for fluoride were non-detects

Prediction Limits

In the event of an initial exceedance of compliance well data, the 1-of-2 resample plan allows for collection of one additional sample to determine whether the initial exceedance is confirmed. If the resample falls within the statistical limit, the initial exceedance is considered to be a false positive result; therefore, no exceedance is noted, and no further action is necessary. If no resample is collected, the original result is considered a confirmed exceedance. A summary table of the Appendix III prediction limits follows this letter, along with complete graphical results. The following prediction limit exceedances were noted for Appendix III parameters:

- Boron: GWC-53
- Calcium: GWA-47 (upgradient), GWC-29, GWC-51, GWC-52, and GWC-53
- Chloride: GWA-45 (upgradient) and GWC-53
- pH (lower limit): GWA-45 (upgradient)
- Sulfate: GWA-45 (upgradient), GWC-51, GWC-52, and GWC-53
- TDS: GWC-52

Two-Step Analysis

Following the two-step analysis procedure as mentioned above, interwell prediction limits were then constructed using pooled upgradient well data through August 2024 to evaluate the apparent initial intrawell prediction limit exceedances listed above at downgradient wells (Figure H). Exceedances were identified for the following well/constituent pairs:

- Chloride: GWC-53
- Sulfate: GWC-53

It was noted that upgradient well GWA-45, which is included in the interwell background and represents groundwater quality upgradient of the site, has higher concentrations than neighboring upgradient wells for several of the Appendix III constituents. Therefore, the interwell comparisons for downgradient wells with reported lower concentration levels need to be interpreted cautiously and are further evaluated through trend analysis as described below.

Trend Tests

Data from downgradient well/constituent pairs found to exceed their respective prediction limit were further evaluated using the Sen's Slope/Mann Kendall trend test at the 99% confidence level along with upgradient wells for the same constituents (Figure I). Upgradient wells are included in the trend analyses for all parameters found to exceed their prediction limit in downgradient wells to identify whether similar patterns exist upgradient of the site. Such patterns are an indication of variability in groundwater unrelated to practices at the site. A summary and complete the trend test results follow this letter. The following statistically significant trends were identified:

Increasing:

- Boron: GWA-45 (upgradient)
- Calcium: GWA-46, GWA-47 (both upgradient), GWC-29, GWC-51, and GWC-52
- Chloride: GWA-45, GWA-46 (both upgradient), and GWC-53
- Sulfate: GWA-21, GWA-45 (both upgradient), GWC-51, GWC-52, and GWC-53
- TDS: GWA-21, GWA-45, GWA-47 (all upgradient), and GWC-52

Decreasing:

- Calcium: GWA-45 (upgradient)
- Chloride: GWA-22 (upgradient)

Resample Reports – November 2024

A resample was collected in November 2024 based on the results of the two-step approach for the following well/constituent pairs:

- Chloride: GWA-45 (upgradient) and GWC-53
- pH: GWA-45 (upgradient)
- Sulfate: GWA-45 (upgradient) and GWC-53

An additional resample for pH at downgradient well GWC-53 was also collected. Intrawell prediction limits were constructed using background data through August 2022 to compare the November 2024 resamples for chloride, pH, and sulfate at wells GWA-45 and GWC-53 (Figure J). Exceedances were identified for the following well/constituent pairs:

- Chloride: GWC-53
- Sulfate: GWC-53

In accordance with the two-step approach, interwell prediction limits were constructed to evaluate the apparent exceedances (Figure K). No exceedances were identified.

Summary

Observations from the August 2024 sample event at Scherer PAC were compared to established intrawell prediction limits for all Appendix I and III constituents. For parameters using intrawell prediction limits, the two-step approach followed by trend testing was used to evaluate apparent exceedances. Based on the results of the two-step approach for the August 2024 observations and the November 2024 resamples, no exceedances were identified.

Thank you for the opportunity to assist you in the statistical analysis of groundwater quality for Plant Scherer PAC Landfill. If you have any questions or comments, please feel free to contact us.

For Groundwater Stats Consulting,



Abdul Diane
Groundwater Analyst



Andrew T. Collins
Project Manager

Date Ranges

Date: 9/12/2024 9:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Barium, Total (mg/L)

GWC-53 background:3/26/2018-8/31/2022

Boron (mg/L)

GWA-45 background:3/22/2018-8/31/2022

Chromium, Total (mg/L)

GWC-52 background:12/21/2010-10/4/2018

Lead, Total (mg/L)

background:4/6/2016-8/31/2022

Sulfate (mg/L)

GWC-52 background:4/11/2016-10/4/2018

100% Non-Detects: Appendix I

Analysis Run 9/11/2024 4:14 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Antimony, Total (mg/L)

GWA-22, GWA-45, GWA-49, GWC-29, GWC-50, GWC-52, GWC-53

Arsenic, Total (mg/L)

GWA-21, GWC-51

Beryllium, Total (mg/L)

GWA-21, GWA-45, GWA-46, GWA-47, GWA-48, GWA-49, GWC-29, GWC-50, GWC-52, GWC-53

Cadmium, Total (mg/L)

GWA-21, GWA-22, GWA-45, GWA-46, GWA-48, GWA-49, GWC-29, GWC-51, GWC-52, GWC-53

Cobalt, Total (mg/L)

GWC-52

Copper, Total (mg/L)

GWA-46, GWC-29, GWC-52, GWC-53

Mercury, Total (mg/L)

GWC-51, GWC-53

Nickel, Total (mg/L)

GWC-52

Selenium, Total (mg/L)

GWA-21, GWA-46, GWC-51

Silver, Total (mg/L)

GWA-21, GWA-22, GWA-45, GWA-46, GWA-47, GWA-48, GWA-49, GWC-29, GWC-50, GWC-51, GWC-52, GWC-53

Thallium, Total (mg/L)

GWA-46, GWA-47, GWA-49, GWC-29, GWC-52, GWC-53

Appendix I Intrawell Prediction Limits - Significant Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 9/11/2024, 6:14 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Arsenic, Total (mg/L)	GWA-46	0.001	n/a	8/8/2024	0.0013	Yes	32	n/a	n/a	100	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWA-47	0.001	n/a	8/8/2024	0.0011	Yes	31	n/a	n/a	100	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWA-49	0.001	n/a	8/9/2024	0.0011	Yes	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-50	0.001	n/a	8/8/2024	0.0011	Yes	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-52	0.001	n/a	8/8/2024	0.001	Yes	32	n/a	n/a	100	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Barium, Total (mg/L)	GWA-46	0.02387	n/a	8/8/2024	0.024	Yes	31	0.01989	0.001845	0	None	No	0.0007022	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-52	0.02119	n/a	8/8/2024	0.029	Yes	32	0.01286	0.003883	0	None	No	0.0007022	Param Intra 1 of 2
Chromium, Total (mg/L)	GWA-22	0.01239	n/a	8/8/2024	0.013	Yes	32	0.007084	0.002472	6.25	None	No	0.0007022	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-52	0.01539	n/a	8/8/2024	0.033	Yes	24	0.00975	0.002526	4.167	None	No	0.0007022	Param Intra 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 9/11/2024, 6:14 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony, Total (mg/L)	GWA-21	0.002	n/a	8/6/2024	0.002ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWA-46	0.002	n/a	8/8/2024	0.002ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWA-47	0.002	n/a	8/8/2024	0.002ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWA-48	0.002	n/a	8/8/2024	0.002ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-51	0.002	n/a	8/8/2024	0.002ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWA-22	0.001	n/a	8/8/2024	0.00088J	No	31	n/a	n/a	100	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWA-45	0.0015	n/a	8/8/2024	0.0011	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWA-46	0.001	n/a	8/8/2024	0.0013	Yes	32	n/a	n/a	100	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWA-47	0.001	n/a	8/8/2024	0.0011	Yes	31	n/a	n/a	100	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWA-48	0.001	n/a	8/8/2024	0.00089J	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWA-49	0.001	n/a	8/9/2024	0.0011	Yes	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-29	0.0013	n/a	8/8/2024	0.0011	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-50	0.001	n/a	8/8/2024	0.0011	Yes	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-52	0.001	n/a	8/8/2024	0.001	Yes	32	n/a	n/a	100	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-53	0.0011	n/a	8/8/2024	0.0011	No	31	n/a	n/a	96.77	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Barium, Total (mg/L)	GWA-21	0.02915	n/a	8/6/2024	0.019	No	31	0.02277	0.002962	0	None	No	0.0007022	Param Intra 1 of 2
Barium, Total (mg/L)	GWA-22	0.03067	n/a	8/8/2024	0.023	No	32	0.1561	0.008861	0	None	sqrt(x)	0.0007022	Param Intra 1 of 2
Barium, Total (mg/L)	GWA-45	0.07808	n/a	8/8/2024	0.048	No	28	0.03791	0.01841	0	None	No	0.0007022	Param Intra 1 of 2
Barium, Total (mg/L)	GWA-46	0.02387	n/a	8/8/2024	0.024	Yes	31	0.01989	0.001845	0	None	No	0.0007022	Param Intra 1 of 2
Barium, Total (mg/L)	GWA-47	0.0458	n/a	8/8/2024	0.038	No	31	-3.544	0.2137	0	None	ln(x)	0.0007022	Param Intra 1 of 2
Barium, Total (mg/L)	GWA-48	0.031	n/a	8/8/2024	0.015	No	30	n/a	n/a	0	n/a	n/a	0.002008	NP Intra (normality) 1 of 2
Barium, Total (mg/L)	GWA-49	0.02311	n/a	8/9/2024	0.021	No	32	0.01963	0.001622	0	None	No	0.0007022	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-29	0.02203	n/a	8/8/2024	0.02	No	32	0.1287	0.009196	0	None	sqrt(x)	0.0007022	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-50	0.029	n/a	8/8/2024	0.014	No	32	n/a	n/a	0	n/a	n/a	0.001803	NP Intra (normality) 1 of 2
Barium, Total (mg/L)	GWC-51	0.019	n/a	8/8/2024	0.012	No	32	n/a	n/a	3.125	n/a	n/a	0.001803	NP Intra (normality) 1 of 2
Barium, Total (mg/L)	GWC-52	0.02119	n/a	8/8/2024	0.029	Yes	32	0.01286	0.003883	0	None	No	0.0007022	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-53	0.05436	n/a	8/8/2024	0.036	No	10	0.0428	0.004077	0	None	No	0.0007022	Param Intra 1 of 2
Beryllium, Total (mg/L)	GWA-22	0.0025	n/a	8/8/2024	0.0025ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Beryllium, Total (mg/L)	GWC-51	0.0025	n/a	8/8/2024	0.0025ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWA-47	0.0025	n/a	8/8/2024	0.0025ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWC-50	0.0025	n/a	8/8/2024	0.0025ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Chromium, Total (mg/L)	GWA-21	0.008498	n/a	8/6/2024	0.0021	No	32	0.05731	0.01625	12.5	None	sqrt(x)	0.0007022	Param Intra 1 of 2
Chromium, Total (mg/L)	GWA-22	0.01239	n/a	8/8/2024	0.013	Yes	30	0.007084	0.002472	6.25	None	No	0.0007022	Param Intra 1 of 2
Chromium, Total (mg/L)	GWA-45	0.002	n/a	8/8/2024	0.002ND	No	30	n/a	n/a	100	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Chromium, Total (mg/L)	GWA-46	0.0088	n/a	8/8/2024	0.006	No	32	n/a	n/a	3.125	n/a	n/a	0.001803	NP Intra (normality) 1 of 2
Chromium, Total (mg/L)	GWA-47	0.045	n/a	8/8/2024	0.012	No	32	n/a	n/a	6.25	n/a	n/a	0.001803	NP Intra (normality) 1 of 2
Chromium, Total (mg/L)	GWA-48	0.028	n/a	8/8/2024	0.0061	No	32	n/a	n/a	6.25	n/a	n/a	0.001803	NP Intra (normality) 1 of 2
Chromium, Total (mg/L)	GWA-49	0.009493	n/a	8/9/2024	0.0059	No	32	0.0791	0.008539	3.125	None	sqrt(x)	0.0007022	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-29	0.0039	n/a	8/8/2024	0.0012J	No	32	n/a	n/a	50	n/a	n/a	0.001803	NP Intra (normality) 1 of 2
Chromium, Total (mg/L)	GWC-50	0.0089	n/a	8/8/2024	0.0037	No	32	n/a	n/a	6.25	n/a	n/a	0.001803	NP Intra (normality) 1 of 2
Chromium, Total (mg/L)	GWC-51	0.007106	n/a	8/8/2024	0.0064	No	32	0.06127	0.01073	9.375	None	sqrt(x)	0.0007022	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-52	0.01539	n/a	8/8/2024	0.033	Yes	24	0.00975	0.002526	4.167	None	No	0.0007022	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-53	0.0041	n/a	8/8/2024	0.002ND	No	32	n/a	n/a	40.63	n/a	n/a	0.001803	NP Intra (normality) 1 of 2
Cobalt, Total (mg/L)	GWA-21	0.0025	n/a	8/6/2024	0.00056J	No	32	n/a	n/a	62.5	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-22	0.0025	n/a	8/8/2024	0.0025ND	No	31	n/a	n/a	70.97	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-45	0.009925	n/a	8/8/2024	0.0012J	No	32	0.1351	0.03718	21.88	Kaplan-Meier	x^(1/3)	0.0007022	Param Intra 1 of 2
Cobalt, Total (mg/L)	GWA-46	0.0025	n/a	8/8/2024	0.0025ND	No	32	n/a	n/a	90.63	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-47	0.0025	n/a	8/8/2024	0.0025ND	No	30	n/a	n/a	86.67	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-48	0.0025	n/a	8/8/2024	0.0025ND	No	31	n/a	n/a	90.32	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-49	0.0025	n/a	8/9/2024	0.0025ND	No	32	n/a	n/a	84.38	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-29	0.0025	n/a	8/8/2024	0.0025ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-50	0.0025	n/a	8/8/2024	0.0025ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-51	0.0025	n/a	8/8/2024	0.0025ND	No	32	n/a	n/a	90.63	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-53	0.0171	n/a	8/8/2024	0.01	No	32	0.008566	0.003976	6.25	None	No	0.0007022	Param Intra 1 of 2
Copper, Total (mg/L)	GWA-21	0.0023	n/a	8/6/2024	0.002ND	No	26	n/a	n/a	92.31	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWA-22	0.003	n/a	8/8/2024	0.002ND	No	26	n/a	n/a	92.31	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWA-45	0.0034	n/a	8/8/2024	0.002ND	No	27	n/a	n/a	77.78	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWA-47	0.022	n/a	8/8/2024	0.002ND	No	26	n/a	n/a	42.31	n/a	n/a	0.002667	NP Intra (normality) 1 of 2
Copper, Total (mg/L)	GWA-48	0.0084	n/a	8/8/2024	0.002ND	No	26	n/a	n/a	61.54	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWA-49	0.0031	n/a	8/9/2024	0.002ND	No	27	n/a	n/a	92.59	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWC-50	0.0046	n/a	8/8/2024	0.002ND	No	26	n/a	n/a	92.31	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWC-51	0.0025	n/a	8/8/2024	0.002ND	No	27	n/a	n/a	92.59	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-21	0.0022	n/a	8/6/2024	0.001ND	No	19	n/a	n/a	94.74	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-22	0.001	n/a	8/8/2024	0.001ND	No	19	n/a	n/a	89.47	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-45	0.0016	n/a	8/8/2024	0.001ND	No	19	n/a	n/a	89.47	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-46	0.001	n/a	8/8/2024	0.001ND	No	19	n/a	n/a	100	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-47	0.001	n/a	8/8/2024	0.001ND	No	19	n/a	n/a	94.74	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-48	0.001	n/a	8/8/2024	0.001ND	No	19	n/a	n/a	94.74	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 9/11/2024, 6:14 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Lead, Total (mg/L)	GWA-49	0.001	n/a	8/9/2024	0.001ND	No	19	n/a	n/a	100	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-29	0.001	n/a	8/8/2024	0.001ND	No	19	n/a	n/a	100	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-50	0.001	n/a	8/8/2024	0.001ND	No	19	n/a	n/a	89.47	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-51	0.0015	n/a	8/8/2024	0.001ND	No	19	n/a	n/a	84.21	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-52	0.001	n/a	8/8/2024	0.001ND	No	18	n/a	n/a	100	n/a	n/a	0.005373	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-53	0.001	n/a	8/8/2024	0.001ND	No	19	n/a	n/a	94.74	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-21	0.0002	n/a	8/6/2024	0.0002ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-22	0.0002	n/a	8/8/2024	0.0002ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-45	0.0002	n/a	8/8/2024	0.0002ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-46	0.0002	n/a	8/8/2024	0.0002ND	No	32	n/a	n/a	93.75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-47	0.0002	n/a	8/8/2024	0.0002ND	No	32	n/a	n/a	93.75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-48	0.0002	n/a	8/8/2024	0.0002ND	No	32	n/a	n/a	93.75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-49	0.0002	n/a	8/9/2024	0.0002ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWC-29	0.0002	n/a	8/8/2024	0.0002ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWC-50	0.0002	n/a	8/8/2024	0.0002ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWC-52	0.0002	n/a	8/8/2024	0.0002ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-21	0.0012	n/a	8/6/2024	0.00096J	No	26	n/a	n/a	76.92	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-22	0.0014	n/a	8/8/2024	0.001ND	No	26	n/a	n/a	84.62	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-45	0.001	n/a	8/8/2024	0.00048J	No	27	n/a	n/a	77.78	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-46	0.001	n/a	8/8/2024	0.001ND	No	26	n/a	n/a	92.31	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-47	0.022	n/a	8/8/2024	0.001ND	No	27	n/a	n/a	70.37	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-48	0.016	n/a	8/8/2024	0.001ND	No	27	n/a	n/a	59.26	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-49	0.0019	n/a	8/9/2024	0.001ND	No	27	n/a	n/a	81.48	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWC-29	0.0047	n/a	8/8/2024	0.0025	No	27	n/a	n/a	48.15	n/a	n/a	0.002502	NP Intra (normality) 1 of 2
Nickel, Total (mg/L)	GWC-50	0.0036	n/a	8/8/2024	0.003	No	27	n/a	n/a	74.07	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWC-51	0.0034	n/a	8/8/2024	0.0027	No	27	n/a	n/a	59.26	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWC-53	0.008125	n/a	8/8/2024	0.0077	No	27	3.0e-7	1.1e-7	7.407	None	x^3	0.0007022	Param Intra 1 of 2
Selenium, Total (mg/L)	GWA-22	0.005	n/a	8/8/2024	0.005ND	No	32	n/a	n/a	90.63	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-45	0.005	n/a	8/8/2024	0.005ND	No	30	n/a	n/a	90	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-47	0.005	n/a	8/8/2024	0.005ND	No	31	n/a	n/a	96.77	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-48	0.005	n/a	8/8/2024	0.005ND	No	31	n/a	n/a	93.55	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-49	0.005	n/a	8/9/2024	0.005ND	No	32	n/a	n/a	93.75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-29	0.005	n/a	8/8/2024	0.005ND	No	32	n/a	n/a	93.75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-50	0.005	n/a	8/8/2024	0.005ND	No	32	n/a	n/a	93.75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-52	0.005	n/a	8/8/2024	0.005ND	No	31	n/a	n/a	83.87	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-53	0.005	n/a	8/8/2024	0.005ND	No	32	n/a	n/a	90.63	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-21	0.001	n/a	8/6/2024	0.001ND	No	32	n/a	n/a	90.63	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-22	0.001	n/a	8/8/2024	0.001ND	No	32	n/a	n/a	93.75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-45	0.001	n/a	8/8/2024	0.001ND	No	32	n/a	n/a	90.63	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-48	0.001	n/a	8/8/2024	0.001ND	No	32	n/a	n/a	93.75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-50	0.001	n/a	8/8/2024	0.001ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-51	0.001	n/a	8/8/2024	0.001ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Vanadium, Total (mg/L)	GWA-21	0.004	n/a	8/6/2024	0.003	No	26	n/a	n/a	50	n/a	n/a	0.002667	NP Intra (normality) 1 of 2
Vanadium, Total (mg/L)	GWA-22	0.0083	n/a	8/8/2024	0.0034	No	26	n/a	n/a	46.15	n/a	n/a	0.002667	NP Intra (normality) 1 of 2
Vanadium, Total (mg/L)	GWA-45	0.0036	n/a	8/8/2024	0.00075J	No	26	n/a	n/a	57.69	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Vanadium, Total (mg/L)	GWA-46	0.006101	n/a	8/8/2024	0.0019J	No	26	0.05716	0.009504	15.38	Kaplan-Meier	sqrt(x)	0.0007022	Param Intra 1 of 2
Vanadium, Total (mg/L)	GWA-47	0.01987	n/a	8/8/2024	0.0079	No	26	0.009388	0.004755	7.692	None	No	0.0007022	Param Intra 1 of 2
Vanadium, Total (mg/L)	GWA-48	0.02235	n/a	8/8/2024	0.018	No	26	0.0002699	0.0001043	3.846	None	x^2	0.0007022	Param Intra 1 of 2
Vanadium, Total (mg/L)	GWA-49	0.02266	n/a	8/9/2024	0.019	No	27	0.01882	0.001752	0	None	No	0.0007022	Param Intra 1 of 2
Vanadium, Total (mg/L)	GWC-29	0.007301	n/a	8/8/2024	0.0047	No	27	0.004641	0.001213	7.407	None	No	0.0007022	Param Intra 1 of 2
Vanadium, Total (mg/L)	GWC-50	0.0093	n/a	8/8/2024	0.0021	No	27	n/a	n/a	33.33	n/a	n/a	0.002502	NP Intra (normality) 1 of 2
Vanadium, Total (mg/L)	GWC-51	0.007518	n/a	8/8/2024	0.0039	No	27	0.004618	0.001323	18.52	Kaplan-Meier	No	0.0007022	Param Intra 1 of 2
Vanadium, Total (mg/L)	GWC-52	0.01363	n/a	8/8/2024	0.009	No	27	0.000001325.5e-7	7.407	None	x^3	0.0007022	Param Intra 1 of 2	
Vanadium, Total (mg/L)	GWC-53	0.0065	n/a	8/8/2024	0.002ND	No	26	n/a	n/a	73.08	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-21	0.005	n/a	8/6/2024	0.005ND	No	27	n/a	n/a	92.59	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-22	0.0085	n/a	8/8/2024	0.005ND	No	25	n/a	n/a	92	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-45	0.0098	n/a	8/8/2024	0.0046J	No	27	n/a	n/a	70.37	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-46	0.0096	n/a	8/8/2024	0.003J	No	26	n/a	n/a	73.08	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-47	0.0087	n/a	8/8/2024	0.005ND	No	25	n/a	n/a	92	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-48	0.005	n/a	8/8/2024	0.005ND	No	27	n/a	n/a	88.89	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-49	0.005	n/a	8/9/2024	0.005ND	No	27	n/a	n/a	92.59	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWC-29	0.0058	n/a	8/8/2024	0.005ND	No	27	n/a	n/a	96.3	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWC-50	0.0076	n/a	8/8/2024	0.005ND	No	27	n/a	n/a	85.19	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWC-51	0.005	n/a	8/8/2024	0.005ND	No	27	n/a	n/a	92.59	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWC-52	0.0073	n/a	8/8/2024	0.005ND	No	27	n/a	n/a	92.59	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWC-53	0.01998	n/a	8/8/2024	0.015	No	26	0.01409	0.002672	0	None	No	0.0007022	Param Intra 1 of 2

Appendix I Interwell Prediction Limits - Two-Step - All Results (No Significant)

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 9/24/2024, 2:37 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Arsenic, Total (mg/L)	GWC-50	0.0015	n/a	8/8/2024	0.0011	No	250	n/a	n/a	96	n/a	n/a	0.0000492	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-52	0.0015	n/a	8/8/2024	0.001	No	250	n/a	n/a	96	n/a	n/a	0.0000492	NP Inter (NDs) 1 of 2
Barium, Total (mg/L)	GWC-52	0.091	n/a	8/8/2024	0.029	No	243	n/a	n/a	0	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Chromium, Total (mg/L)	GWC-52	0.045	n/a	8/8/2024	0.033	No	250	n/a	n/a	17.6	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2

Appendix I Trend Tests Summary - Significant Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 9/12/2024, 9:16 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Barium, Total (mg/L)	GWA-22 (bg)	-0.0003669	-237	-191	Yes	36	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWA-45 (bg)	0.003509	345	161	Yes	32	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWA-46 (bg)	0.000367	332	184	Yes	35	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWC-52	0.001131	520	191	Yes	36	0	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-21 (bg)	-0.0002965	-310	-191	Yes	36	11.11	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-22 (bg)	0.0005319	411	191	Yes	36	5.556	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWC-52	0.002254	420	191	Yes	36	2.778	n/a	n/a	0.01	NP

Appendix I Trend Tests Summary - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 9/12/2024, 9:17 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Arsenic, Total (mg/L)	GWA-21 (bg)	0	0	191	No	36	100	n/a	n/a	0.01	NP
Arsenic, Total (mg/L)	GWA-22 (bg)	0	-34	-184	No	35	97.14	n/a	n/a	0.01	NP
Arsenic, Total (mg/L)	GWA-45 (bg)	0	12	191	No	36	91.67	n/a	n/a	0.01	NP
Arsenic, Total (mg/L)	GWA-46 (bg)	0	35	191	No	36	97.22	n/a	n/a	0.01	NP
Arsenic, Total (mg/L)	GWA-47 (bg)	0	34	184	No	35	97.14	n/a	n/a	0.01	NP
Arsenic, Total (mg/L)	GWA-48 (bg)	0	-55	-191	No	36	94.44	n/a	n/a	0.01	NP
Arsenic, Total (mg/L)	GWA-49 (bg)	0	39	191	No	36	94.44	n/a	n/a	0.01	NP
Arsenic, Total (mg/L)	GWC-50	0	31	191	No	36	94.44	n/a	n/a	0.01	NP
Arsenic, Total (mg/L)	GWC-52	0	-29	-191	No	36	94.44	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWA-21 (bg)	0.0001556	77	184	No	35	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWA-22 (bg)	-0.0003669	-237	-191	Yes	36	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWA-45 (bg)	0.003509	345	161	Yes	32	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWA-46 (bg)	0.000367	332	184	Yes	35	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWA-47 (bg)	-0.0001145	-45	-184	No	35	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWA-48 (bg)	0	13	176	No	34	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWA-49 (bg)	0	57	191	No	36	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWC-52	0.001131	520	191	Yes	36	0	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-21 (bg)	-0.0002965	-310	-191	Yes	36	11.11	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-22 (bg)	0.0005319	411	191	Yes	36	5.556	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-45 (bg)	0	-59	-176	No	34	94.12	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-46 (bg)	0.00005564	131	191	No	36	2.778	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-47 (bg)	0.00007733	55	191	No	36	5.556	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-48 (bg)	-0.00004317	-45	-191	No	36	5.556	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-49 (bg)	0.00002676	32	191	No	36	2.778	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWC-52	0.002254	420	191	Yes	36	2.778	n/a	n/a	0.01	NP

Appendix III - Intrawell Prediction Limits - Significant Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 9/23/2024, 12:23 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	GWC-53	1.09	n/a	8/8/2024	1.2	Yes	19	0.946	0.06939	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWA-47	13	n/a	8/8/2024	17	Yes	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality) 1 of 2
Calcium (mg/L)	GWC-29	17	n/a	8/8/2024	19	Yes	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality) 1 of 2
Calcium (mg/L)	GWC-51	7.914	n/a	8/8/2024	9	Yes	19	6.811	0.5301	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWC-52	22.55	n/a	8/8/2024	30	Yes	19	15.64	3.322	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWC-53	20.32	n/a	8/8/2024	22	Yes	19	298.6	54.84	0	None	x^2	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWA-45	13	n/a	8/8/2024	27	Yes	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality) 1 of 2
Chloride (mg/L)	GWC-53	13	n/a	8/8/2024	29	Yes	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality) 1 of 2
pH (S.U.)	GWA-45	6.48	5.92	8/8/2024	5.9	Yes	23	n/a	n/a	0	n/a	n/a	0.006831	NP Intra (normality) 1 of 2
Sulfate (mg/L)	GWA-45	190.4	n/a	8/8/2024	300	Yes	19	151.4	18.71	0	None	No	0.001504	Param Intra 1 of 2
Sulfate (mg/L)	GWC-51	2.7	n/a	8/8/2024	2.8	Yes	19	n/a	n/a	52.63	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-52	26.35	n/a	8/8/2024	41	Yes	11	12.57	5.74	9.091	None	No	0.001504	Param Intra 1 of 2
Sulfate (mg/L)	GWC-53	170	n/a	8/8/2024	340	Yes	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWC-52	203.8	n/a	8/8/2024	210	Yes	19	137.1	32.07	0	None	No	0.001504	Param Intra 1 of 2

Appendix III - Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 9/23/2024, 12:23 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	GWA-21	0.08	n/a	8/6/2024	0.08ND	No	19	n/a	n/a	89.47	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-22	0.08	n/a	8/8/2024	0.08ND	No	19	n/a	n/a	100	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-45	1.35	n/a	8/8/2024	1.2	No	10	0.932	0.1688	0	None	No	0.001504	Param Intra 1 of 2
Boron (mg/L)	GWA-46	0.08	n/a	8/8/2024	0.08ND	No	19	n/a	n/a	100	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-47	0.08	n/a	8/8/2024	0.08ND	No	19	n/a	n/a	94.74	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-48	0.08	n/a	8/8/2024	0.08ND	No	19	n/a	n/a	94.74	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-49	0.08	n/a	8/9/2024	0.022J	No	19	n/a	n/a	100	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-29	0.08	n/a	8/8/2024	0.08ND	No	19	n/a	n/a	94.74	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-50	0.08	n/a	8/8/2024	0.08ND	No	19	n/a	n/a	100	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-51	0.08	n/a	8/8/2024	0.08ND	No	19	n/a	n/a	100	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-52	0.08	n/a	8/8/2024	0.023J	No	19	n/a	n/a	100	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-53	1.09	n/a	8/8/2024	1.2	Yes	19	0.946	0.06939	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWA-21	11.24	n/a	8/6/2024	6	No	19	8.656	1.24	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWA-22	10.02	n/a	8/8/2024	7.8	No	19	7.211	1.352	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWA-45	47.22	n/a	8/8/2024	20	No	19	34.49	6.119	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWA-46	7.062	n/a	8/8/2024	6.9	No	19	5.804	0.6047	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWA-47	13	n/a	8/8/2024	17	Yes	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality) 1 of 2
Calcium (mg/L)	GWA-48	14	n/a	8/8/2024	13	No	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality) 1 of 2
Calcium (mg/L)	GWA-49	16	n/a	8/9/2024	16	No	19	n/a	n/a	0	n/a	n/a	0.004832	Param Intra (normality) 1 of 2
Calcium (mg/L)	GWC-29	17	n/a	8/8/2024	19	Yes	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality) 1 of 2
Calcium (mg/L)	GWC-50	8.1	n/a	8/8/2024	7.6	No	19	7.149	0.4569	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWC-51	7.914	n/a	8/8/2024	9	Yes	19	6.811	0.5301	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWC-52	22.55	n/a	8/8/2024	30	Yes	19	15.64	3.322	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWC-53	20.32	n/a	8/8/2024	22	Yes	19	298.6	54.84	0	None	x^2	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWA-21	4.416	n/a	8/6/2024	3.2	No	19	3.412	0.4825	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWA-22	4.767	n/a	8/8/2024	1.9	No	19	1.638	0.2622	0	None	sqrt(x)	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWA-45	13	n/a	8/8/2024	27	Yes	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality) 1 of 2
Chloride (mg/L)	GWA-46	5.759	n/a	8/8/2024	5.5	No	19	3.853	0.9159	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWA-47	1.847	n/a	8/8/2024	1.7	No	19	1.514	0.16	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWA-48	2.016	n/a	8/8/2024	1.8	No	18	1.741	0.1305	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWA-49	2.36	n/a	8/9/2024	2	No	19	2.083	0.1331	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWC-29	4.103	n/a	8/8/2024	3.2	No	18	3.433	0.3181	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWC-50	2.1	n/a	8/8/2024	1.8	No	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality) 1 of 2
Chloride (mg/L)	GWC-51	8.175	n/a	8/8/2024	8	No	18	1.945	0.07427	0	None	ln(x)	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWC-52	8.528	n/a	8/8/2024	4.3J	No	18	7.906	0.296	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWC-53	13	n/a	8/8/2024	29	Yes	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality) 1 of 2
Fluoride (mg/L)	GWA-21	0.1	n/a	8/6/2024	0.1ND	No	19	n/a	n/a	52.63	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-22	0.1	n/a	8/8/2024	0.1ND	No	19	n/a	n/a	57.89	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-45	0.1	n/a	8/8/2024	0.1ND	No	19	n/a	n/a	73.68	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-46	0.11	n/a	8/8/2024	0.1ND	No	19	n/a	n/a	68.42	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-47	0.1	n/a	8/8/2024	0.1ND	No	19	n/a	n/a	63.16	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-48	0.1	n/a	8/8/2024	0.1ND	No	19	n/a	n/a	47.37	n/a	n/a	0.004832	NP Intra (normality) 1 of 2
Fluoride (mg/L)	GWA-49	0.1	n/a	8/9/2024	0.1ND	No	19	n/a	n/a	52.63	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-29	0.1	n/a	8/8/2024	0.1ND	No	19	n/a	n/a	52.63	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-50	0.1	n/a	8/8/2024	0.1ND	No	19	n/a	n/a	63.16	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-51	0.1	n/a	8/8/2024	0.1ND	No	19	n/a	n/a	63.16	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-52	0.1	n/a	8/8/2024	0.1ND	No	19	n/a	n/a	57.89	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-53	0.1	n/a	8/8/2024	0.1ND	No	19	n/a	n/a	84.21	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
pH (S.U.)	GWA-21	6.036	5.599	8/6/2024	5.76	No	21	5.818	0.107	0	None	No	0.000752	Param Intra 1 of 2
pH (S.U.)	GWA-22	6.307	5.548	8/8/2024	5.93	No	22	5.928	0.187	0	None	No	0.000752	Param Intra 1 of 2
pH (S.U.)	GWA-45	6.48	5.92	8/8/2024	5.9	Yes	23	n/a	n/a	0	n/a	n/a	0.006831	NP Intra (normality) 1 of 2
pH (S.U.)	GWA-46	6.83	5.71	8/8/2024	5.77	No	24	n/a	n/a	0	n/a	n/a	0.006247	NP Intra (normality) 1 of 2
pH (S.U.)	GWA-47	6.608	6.308	8/8/2024	6.34	No	26	6.458	0.07553	0	None	No	0.000752	Param Intra 1 of 2
pH (S.U.)	GWA-48	6.966	6.599	8/8/2024	6.72	No	24	6.783	0.09157	0	None	No	0.000752	Param Intra 1 of 2
pH (S.U.)	GWA-49	7.098	6.674	8/9/2024	6.82	No	23	6.886	0.105	0	None	No	0.000752	Param Intra 1 of 2
pH (S.U.)	GWC-29	6.3	5.72	8/8/2024	6.14	No	23	n/a	n/a	0	n/a	n/a	0.006831	NP Intra (normality) 1 of 2
pH (S.U.)	GWC-50	5.959	5.69	8/8/2024	5.74	No	24	5.824	0.06717	0	None	No	0.000752	Param Intra 1 of 2
pH (S.U.)	GWC-51	6.008	5.744	8/8/2024	5.91	No	25	5.876	0.06614	0	None	No	0.000752	Param Intra 1 of 2
pH (S.U.)	GWC-52	6.787	6.53	8/8/2024	6.54	No	25	6.659	0.06463	0	None	No	0.000752	Param Intra 1 of 2
pH (S.U.)	GWC-53	5.752	5.445	8/8/2024	5.58	No	23	5.598	0.07608	0	None	No	0.000752	Param Intra 1 of 2
Sulfate (mg/L)	GWA-21	2.686	n/a	8/6/2024	1.7	No	19	1.398	0.6191	5.263	None	No	0.001504	Param Intra 1 of 2
Sulfate (mg/L)	GWA-22	1	n/a	8/8/2024	1ND	No	19	n/a	n/a	89.47	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-45	190.4	n/a	8/8/2024	300	Yes	19	151.4	18.71	0	None	No	0.001504	Param Intra 1 of 2
Sulfate (mg/L)	GWA-46	1.1	n/a	8/8/2024	1ND	No	19	n/a	n/a	63.16	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-47	1.1	n/a	8/8/2024	1ND	No	19	n/a	n/a	78.95	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-48	1.68	n/a	8/8/2024	0.66J	No	19	1.244	0.2097	0	None	No	0.001504	Param Intra 1 of 2
Sulfate (mg/L)	GWA-49	1	n/a	8/9/2024	1ND	No	19	n/a	n/a	63.16	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-29	3.356	n/a	8/8/2024	1.7	No	19	6.918	2.089	5.263	None	x^2	0.001504	Param Intra 1 of 2

Appendix III - Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 9/23/2024, 12:23 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Sulfate (mg/L)	GWC-50	1	n/a	8/8/2024	1ND	No	19	n/a	n/a	89.47	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-51	2.7	n/a	8/8/2024	2.8	Yes	19	n/a	n/a	52.63	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-52	26.35	n/a	8/8/2024	41	Yes	11	12.57	5.74	9.091	None	No	0.001504	Param Intra 1 of 2
Sulfate (mg/L)	GWC-53	170	n/a	8/8/2024	340	Yes	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWA-21	129	n/a	8/6/2024	87	No	19	88.89	19.28	0	None	No	0.001504	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-22	103	n/a	8/8/2024	73	No	19	68.26	16.69	0	None	No	0.001504	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-45	375.8	n/a	8/8/2024	290	No	19	281.9	45.08	0	None	No	0.001504	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-46	89.61	n/a	8/8/2024	67	No	19	52.66	17.75	5.263	None	No	0.001504	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-47	118.9	n/a	8/8/2024	100	No	19	86.95	15.37	0	None	No	0.001504	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-48	123.1	n/a	8/8/2024	94	No	19	94.05	13.98	0	None	No	0.001504	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-49	129.2	n/a	8/9/2024	110	No	18	108.6	9.793	0	None	No	0.001504	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-29	142.1	n/a	8/8/2024	110	No	19	95.79	22.25	0	None	No	0.001504	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-50	112.5	n/a	8/8/2024	76	No	19	70.21	20.34	0	None	No	0.001504	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-51	106.2	n/a	8/8/2024	84	No	18	77.39	13.68	0	None	No	0.001504	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-52	203.8	n/a	8/8/2024	210	Yes	19	137.1	32.07	0	None	No	0.001504	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-53	326.8	n/a	8/8/2024	290	No	19	258.3	32.93	0	None	No	0.001504	Param Intra 1 of 2

Appendix III Interwell Prediction Limits - Two-Step - Significant Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 9/23/2024, 6:00 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Chloride (mg/L)	GWC-53	27	n/a	8/8/2024	29	Yes	160	n/a	n/a	0	n/a	n/a	0.00007656	NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-53	300	n/a	8/8/2024	340	Yes	161	n/a	n/a	39.75	n/a	n/a	0.00007576	NP Inter (normality) 1 of 2

Appendix III Interwell Prediction Limits - Two-Step - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 9/23/2024, 6:00 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	GWC-53	1.2	n/a	8/8/2024	1.2	No	161	n/a	n/a	77.64	n/a	n/a	0.00007576	NP Inter (NDs) 1 of 2
Calcium (mg/L)	GWC-29	45	n/a	8/8/2024	19	No	161	n/a	n/a	0	n/a	n/a	0.00007576	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-51	45	n/a	8/8/2024	9	No	161	n/a	n/a	0	n/a	n/a	0.00007576	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-52	45	n/a	8/8/2024	30	No	161	n/a	n/a	0	n/a	n/a	0.00007576	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-53	45	n/a	8/8/2024	22	No	161	n/a	n/a	0	n/a	n/a	0.00007576	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-53	27	n/a	8/8/2024	29	Yes	160	n/a	n/a	0	n/a	n/a	0.00007656	NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-51	300	n/a	8/8/2024	2.8	No	161	n/a	n/a	39.75	n/a	n/a	0.00007576	NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-52	300	n/a	8/8/2024	41	No	161	n/a	n/a	39.75	n/a	n/a	0.00007576	NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-53	300	n/a	8/8/2024	340	Yes	161	n/a	n/a	39.75	n/a	n/a	0.00007576	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWC-52	360	n/a	8/8/2024	210	No	160	n/a	n/a	0.625	n/a	n/a	0.00007656	NP Inter (normality) 1 of 2

Appendix III - Trend Test Summary - Significant Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 9/23/2024, 5:59 PM

<u>Constituent</u>	<u>Well</u>	<u>Slope</u>	<u>Calc.</u>	<u>Critical</u>	<u>Sig.</u>	<u>N</u>	<u>%NDs</u>	<u>Normality</u>	<u>Xform</u>	<u>Alpha</u>	<u>Method</u>
Boron (mg/L)	GWA-45 (bg)	0.102	193	98	Yes	23	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-45 (bg)	-1.74	-106	-98	Yes	23	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-46 (bg)	0.1582	116	98	Yes	23	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-47 (bg)	0.3484	145	98	Yes	23	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-29	1.297	203	98	Yes	23	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-51	0.1893	136	98	Yes	23	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-52	1.802	206	98	Yes	23	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-22 (bg)	-0.2194	-138	-98	Yes	23	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-45 (bg)	0.568	156	98	Yes	23	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-46 (bg)	0.3443	202	98	Yes	23	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWC-53	0.5993	226	111	Yes	25	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-21 (bg)	0.1122	104	98	Yes	23	4.348	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-45 (bg)	4.828	115	98	Yes	23	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWC-51	0.2375	150	98	Yes	23	43.48	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWC-52	9.242	219	98	Yes	23	4.348	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWC-53	4.83	155	98	Yes	23	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWA-21 (bg)	3.888	102	98	Yes	23	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWA-45 (bg)	10.17	121	98	Yes	23	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWA-47 (bg)	2.444	113	98	Yes	23	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWC-52	12.49	183	98	Yes	23	0	n/a	n/a	0.01	NP

Appendix III - Trend Test Summary - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 9/23/2024, 5:59 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Boron (mg/L)	GWA-21 (bg)	0	19	98	No	23	91.3	n/a	n/a	0.01	NP
Boron (mg/L)	GWA-22 (bg)	0	-3	-98	No	23	91.3	n/a	n/a	0.01	NP
Boron (mg/L)	GWA-45 (bg)	0.102	193	98	Yes	23	0	n/a	n/a	0.01	NP
Boron (mg/L)	GWA-46 (bg)	0	-21	-98	No	23	86.96	n/a	n/a	0.01	NP
Boron (mg/L)	GWA-47 (bg)	0	5	98	No	23	91.3	n/a	n/a	0.01	NP
Boron (mg/L)	GWA-48 (bg)	0	-11	-98	No	23	86.96	n/a	n/a	0.01	NP
Boron (mg/L)	GWA-49 (bg)	0	-22	-98	No	23	95.65	n/a	n/a	0.01	NP
Boron (mg/L)	GWC-53	0.01222	82	98	No	23	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-21 (bg)	-0.2414	-86	-98	No	23	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-22 (bg)	0.2926	75	98	No	23	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-45 (bg)	-1.74	-106	-98	Yes	23	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-46 (bg)	0.1582	116	98	Yes	23	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-47 (bg)	0.3484	145	98	Yes	23	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-48 (bg)	0	20	98	No	23	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-49 (bg)	0	42	98	No	23	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-29	1.297	203	98	Yes	23	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-51	0.1893	136	98	Yes	23	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-52	1.802	206	98	Yes	23	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-53	0.3399	90	98	No	23	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-21 (bg)	0.08372	89	98	No	23	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-22 (bg)	-0.2194	-138	-98	Yes	23	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-45 (bg)	0.568	156	98	Yes	23	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-46 (bg)	0.3443	202	98	Yes	23	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-47 (bg)	0.01851	51	98	No	23	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-48 (bg)	0	-6	-92	No	22	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-49 (bg)	-0.01351	-55	-98	No	23	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWC-53	0.5993	226	111	Yes	25	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-21 (bg)	0.1122	104	98	Yes	23	4.348	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-22 (bg)	0	1	98	No	23	86.96	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-45 (bg)	4.828	115	98	Yes	23	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-46 (bg)	0	0	98	No	23	56.52	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-47 (bg)	0	-5	-98	No	23	73.91	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-48 (bg)	0.0168	25	98	No	23	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-49 (bg)	0	-40	-98	No	23	56.52	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWC-51	0.2375	150	98	Yes	23	43.48	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWC-52	9.242	219	98	Yes	23	4.348	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWC-53	4.83	155	98	Yes	23	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWA-21 (bg)	3.888	102	98	Yes	23	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWA-22 (bg)	2.148	60	98	No	23	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWA-45 (bg)	10.17	121	98	Yes	23	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWA-46 (bg)	2.857	87	98	No	23	4.348	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWA-47 (bg)	2.444	113	98	Yes	23	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWA-48 (bg)	1.09	55	98	No	23	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWA-49 (bg)	1.594	72	92	No	22	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWC-52	12.49	183	98	Yes	23	0	n/a	n/a	0.01	NP

Appendix III Intrawell Prediction Limits - 11/2024 Resample - Significant Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 12/2/2024, 1:00 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBg	Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Chloride (mg/L)	GWC-53	13	n/a	11/7/2024	14	Yes	19	n/a	n/a	n/a	0	n/a	n/a	0.004832 NP Intra (normality) 1 of 2
Sulfate (mg/L)	GWC-53	170	n/a	11/7/2024	180	Yes	19	n/a	n/a	n/a	0	n/a	n/a	0.004832 NP Intra (normality) 1 of 2

Appendix III Intrawell Prediction Limits - 11/2024 Resample - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 12/2/2024, 1:00 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg.NBg	Mean	Std.Dev.	%NDs	ND Adj.	TransformAlpha	Method	
Chloride (mg/L)	GWA-45	13	n/a	11/7/2024	13	No	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality) 1 of 2
Chloride (mg/L)	GWC-53	13	n/a	11/7/2024	14	Yes	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality) 1 of 2
pH (S.U.)	GWA-45	6.48	5.92	11/7/2024	6.19	No	23	n/a	n/a	0	n/a	n/a	0.006831	NP Intra (normality) 1 of 2
pH (S.U.)	GWC-53	5.752	5.445	11/7/2024	5.73	No	23	5.598	0.07608	0	None	No	0.000752	Param Intra 1 of 2
Sulfate (mg/L)	GWA-45	190.4	n/a	11/7/2024	160	No	19	151.4	18.71	0	None	No	0.001504	Param Intra 1 of 2
Sulfate (mg/L)	GWC-53	170	n/a	11/7/2024	180	Yes	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality) 1 of 2

Appendix III Interwell Prediction Limits - Two-Step 11/2024 Resample - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 12/2/2024, 1:06 PM

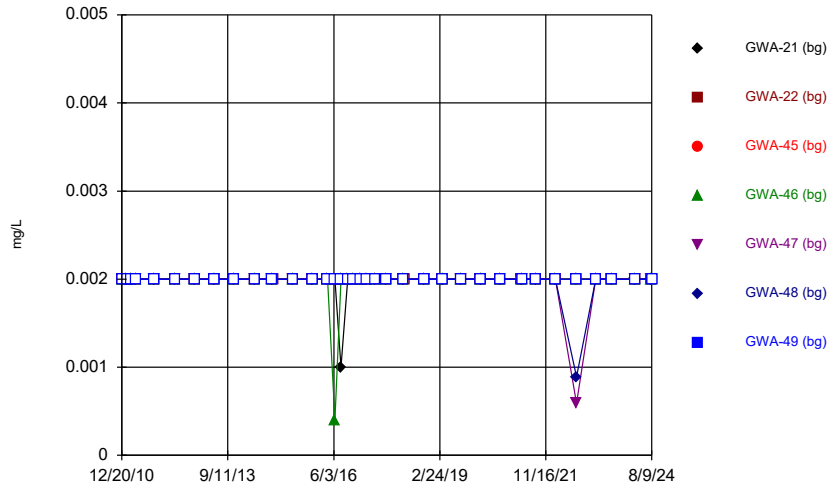
Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg.	NBg	Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Chloride (mg/L)	GWC-53	27	n/a	11/7/2024	14	No	161	n/a	n/a	n/a	0	n/a	n/a	0.00007576 NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-53	300	n/a	11/7/2024	180	No	162	n/a	n/a	n/a	39.51	n/a	n/a	0.00007496 NP Inter (normality) 1 of 2

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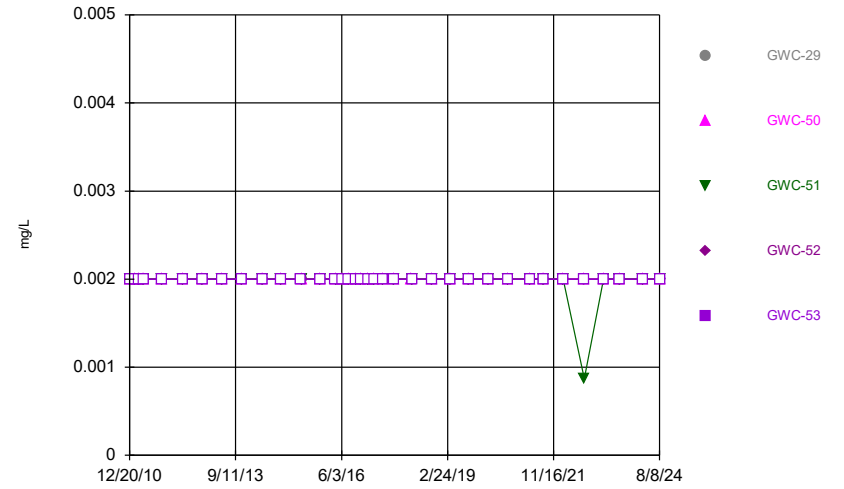
FIGURE A.

Time Series



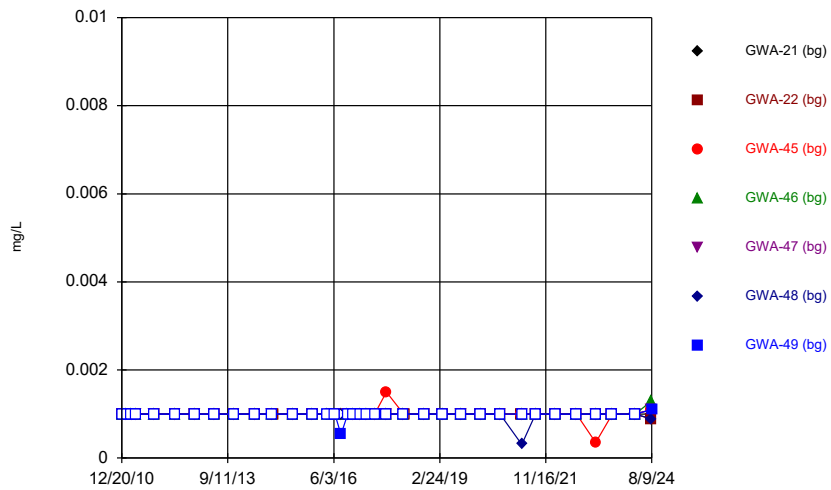
Constituent: Antimony, Total Analysis Run 12/2/2024 12:47 PM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



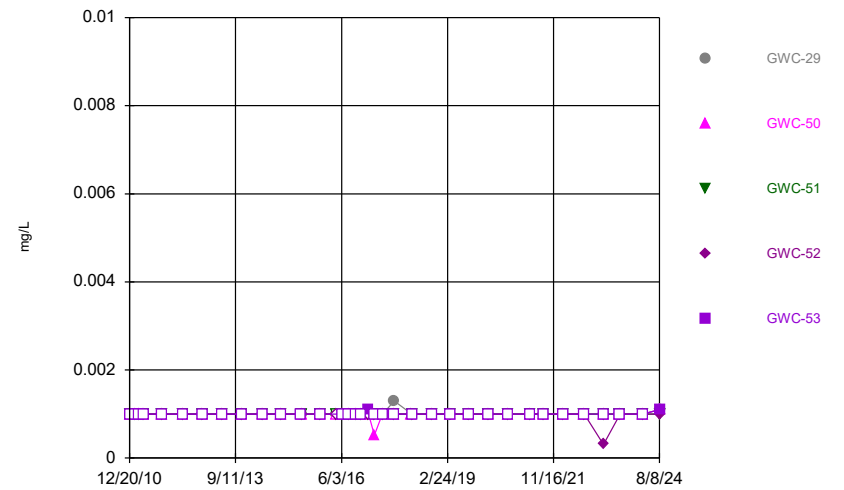
Constituent: Antimony, Total Analysis Run 12/2/2024 12:47 PM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



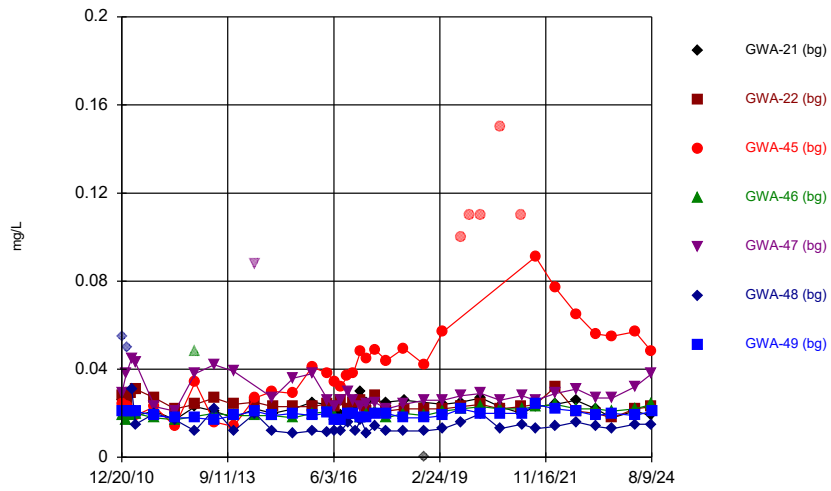
Constituent: Arsenic, Total Analysis Run 12/2/2024 12:47 PM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



Constituent: Arsenic, Total Analysis Run 12/2/2024 12:47 PM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

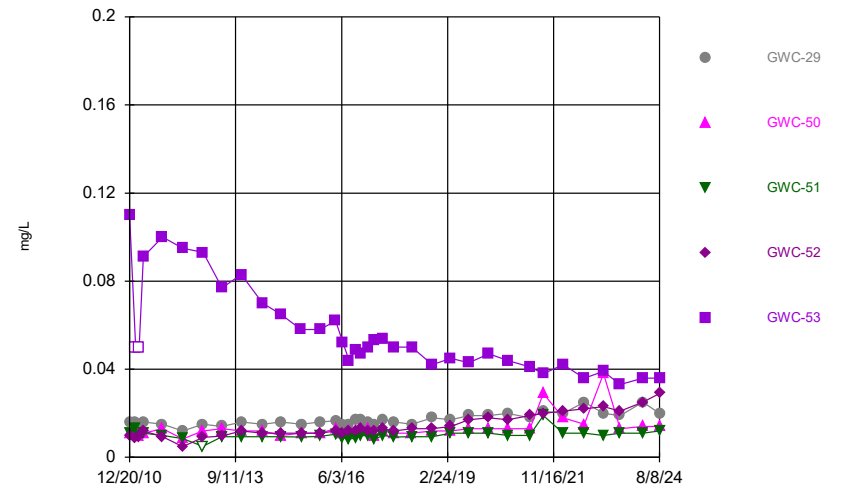
Time Series



Constituent: Barium, Total Analysis Run 12/2/2024 12:47 PM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Hollow symbols indicate censored values.

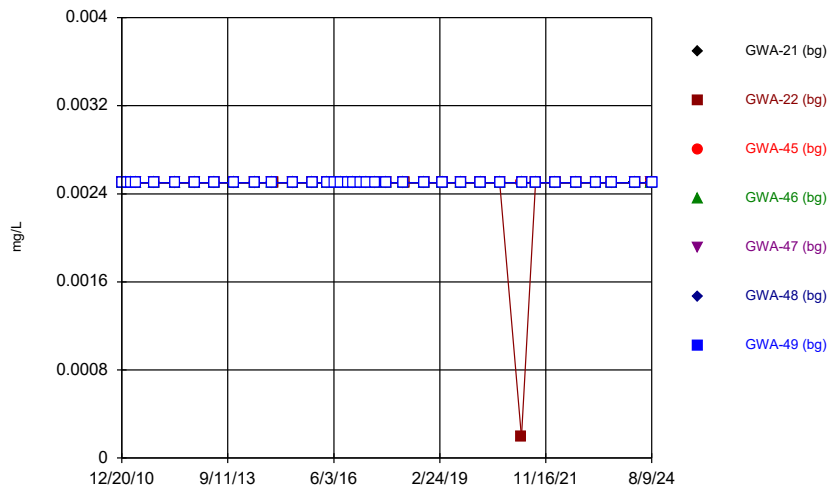
Time Series



Constituent: Barium, Total Analysis Run 12/2/2024 12:47 PM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Hollow symbols indicate censored values.

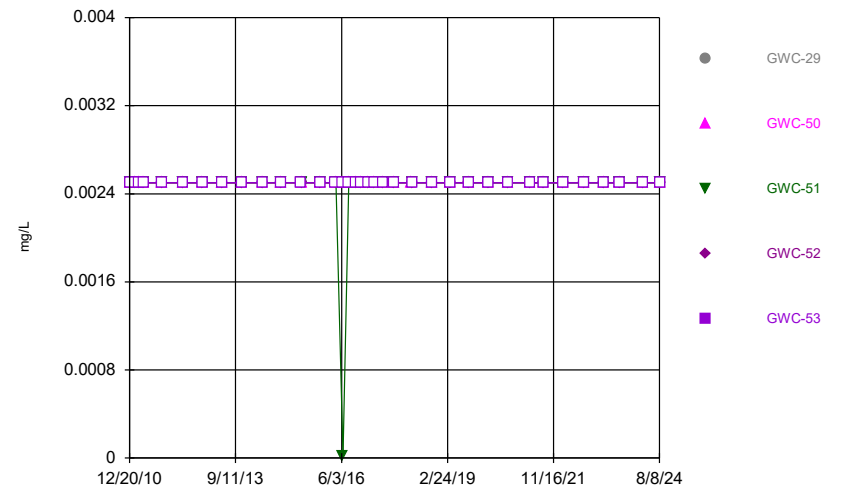
Time Series



Constituent: Beryllium, Total Analysis Run 12/2/2024 12:47 PM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

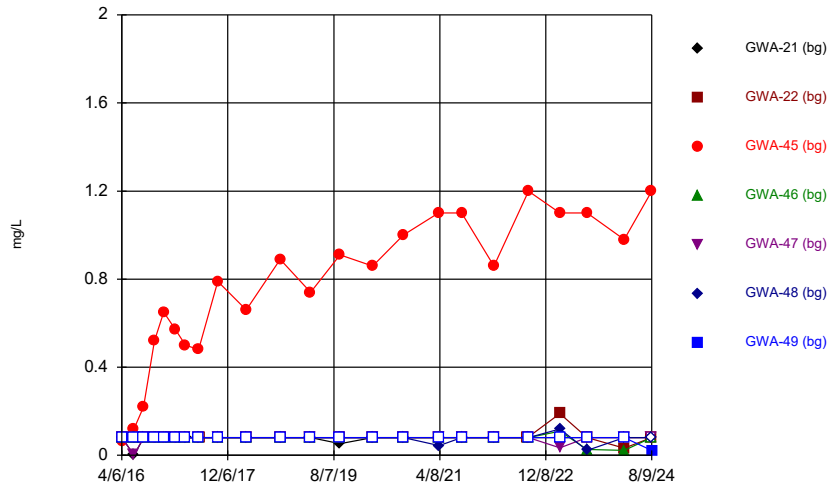
Hollow symbols indicate censored values.

Time Series



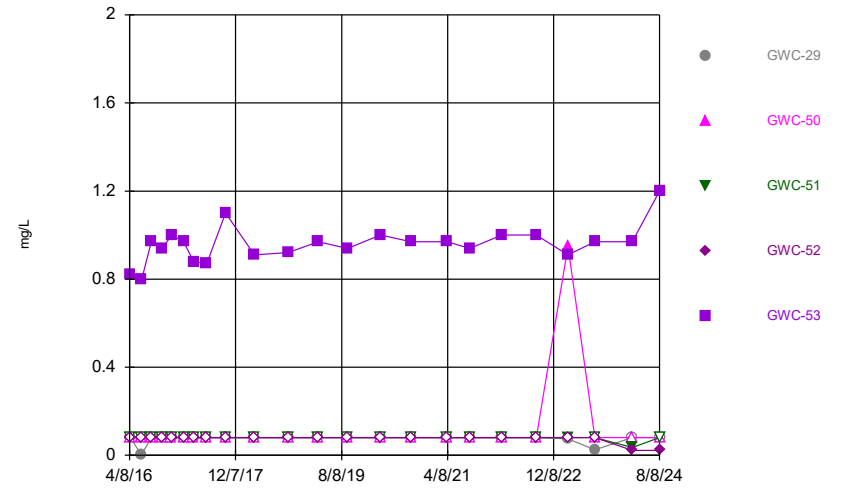
Constituent: Beryllium, Total Analysis Run 12/2/2024 12:47 PM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



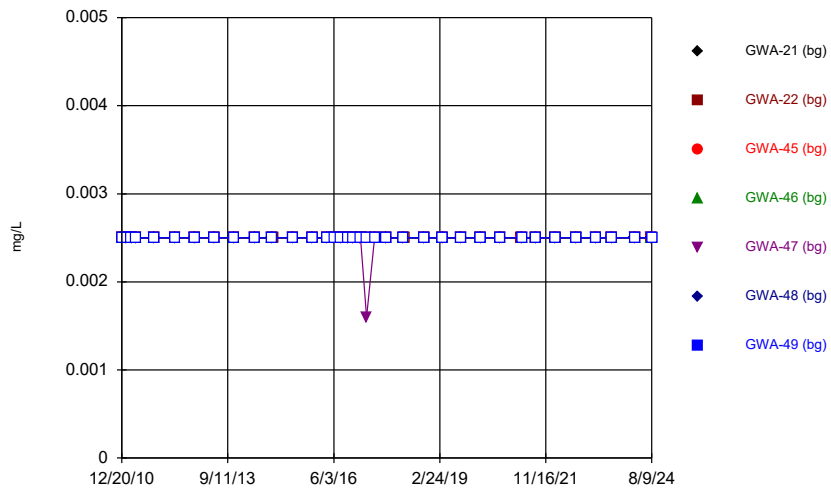
Constituent: Boron Analysis Run 12/2/2024 12:47 PM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



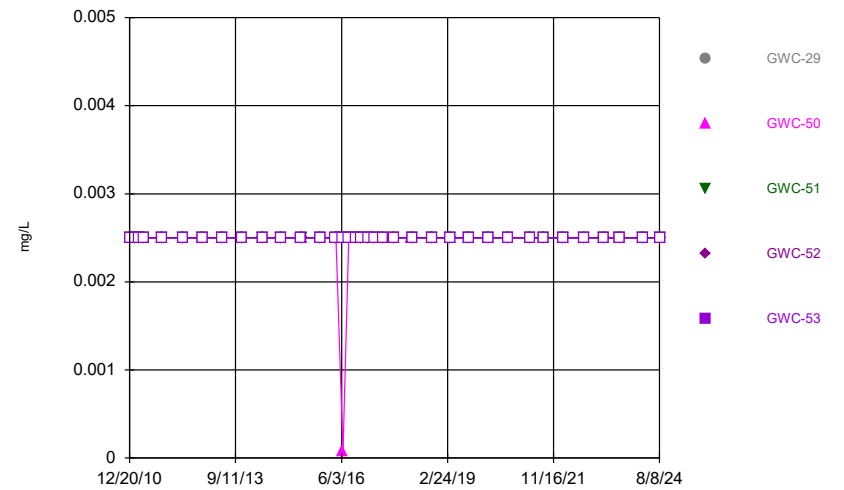
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



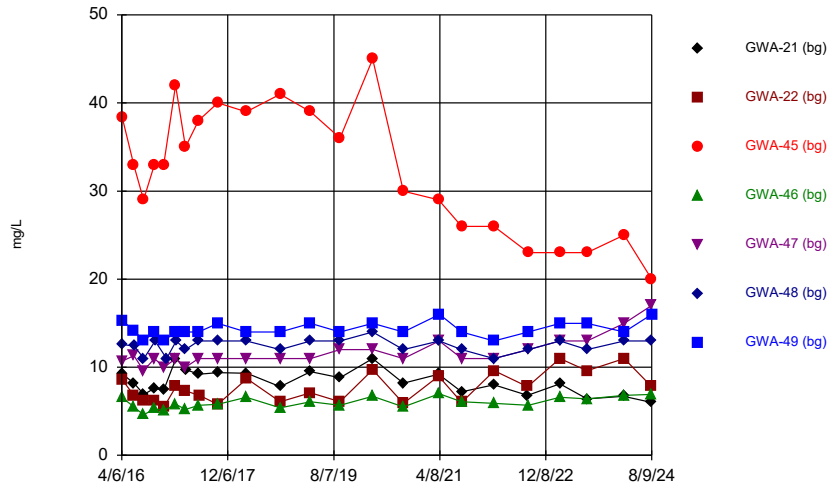
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



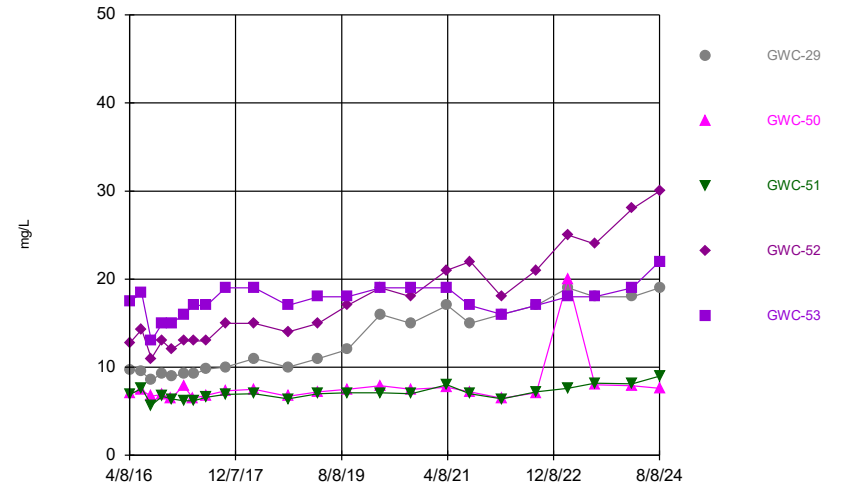
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



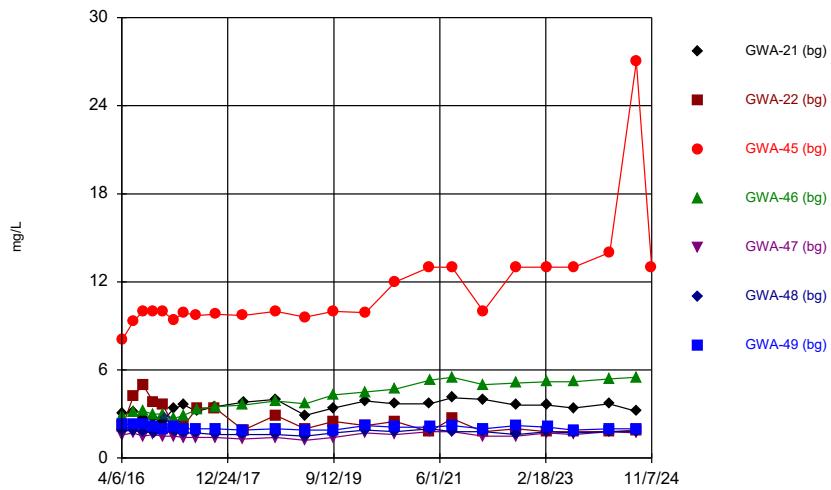
Constituent: Calcium Analysis Run 12/2/2024 12:47 PM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



Constituent: Calcium Analysis Run 12/2/2024 12:47 PM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

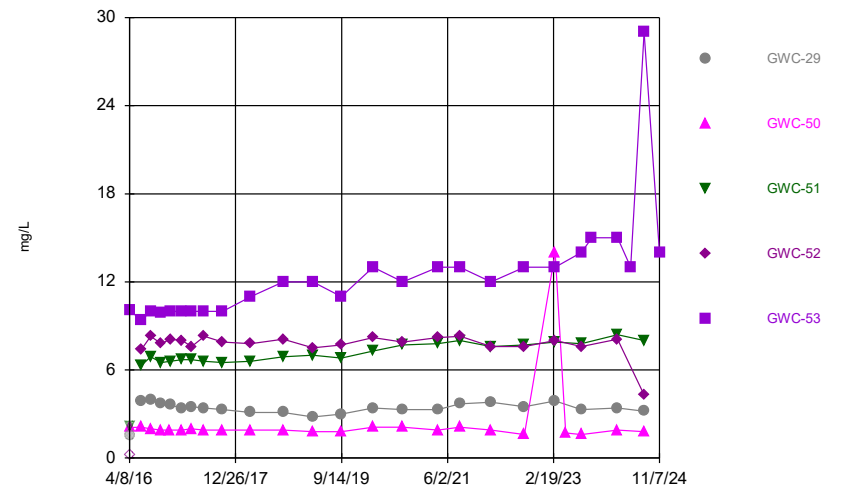
Time Series



Constituent: Chloride Analysis Run 12/2/2024 12:47 PM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

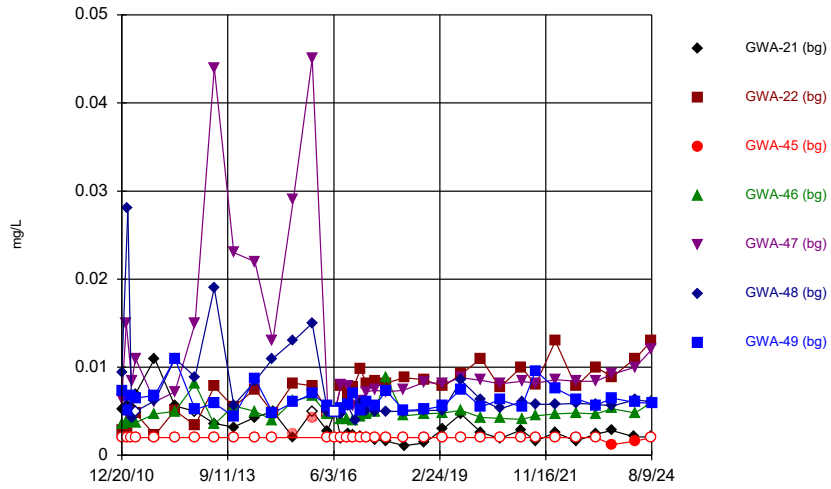
Hollow symbols indicate censored values.

Time Series



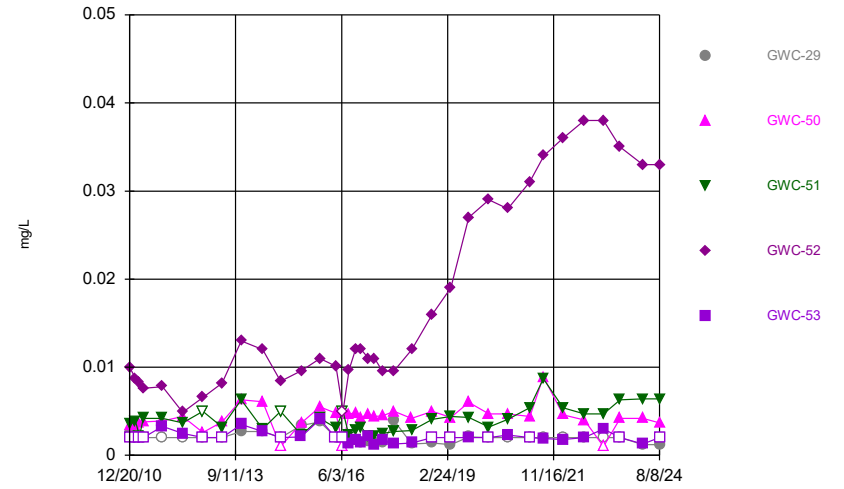
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 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



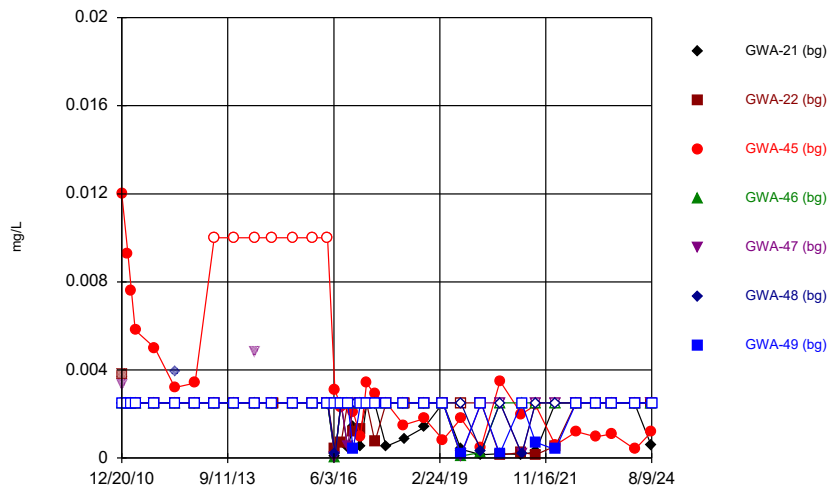
Constituent: Chromium, Total Analysis Run 12/2/2024 12:47 PM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



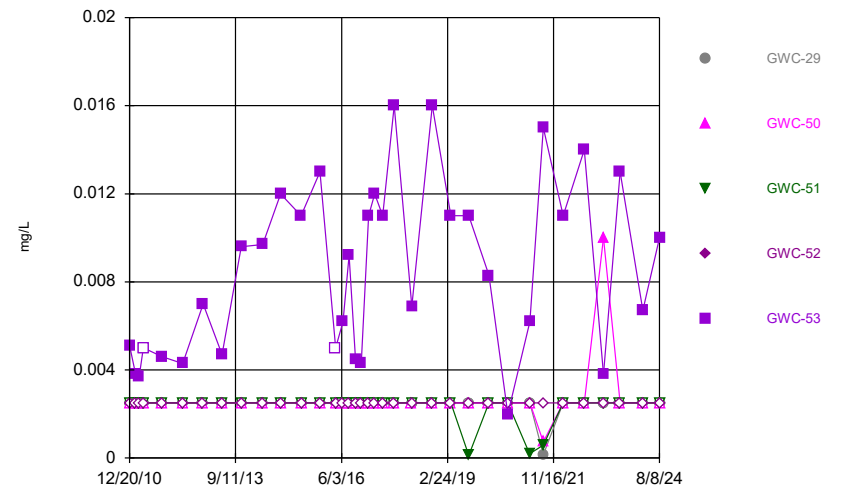
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Time Series



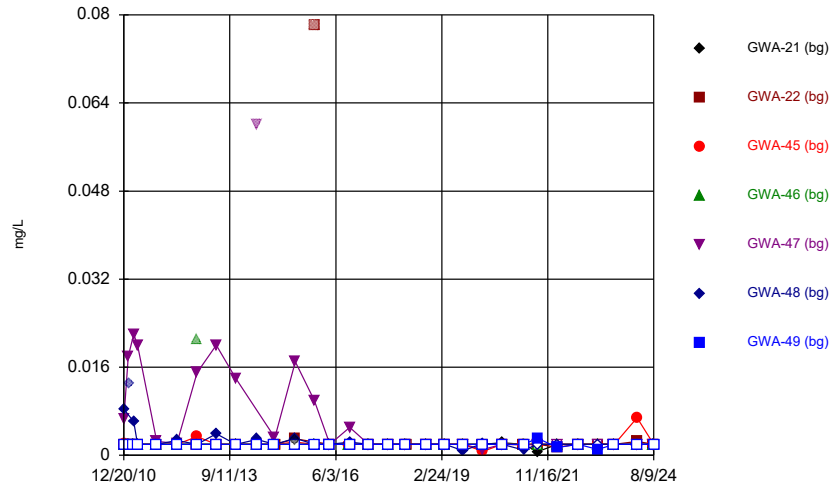
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



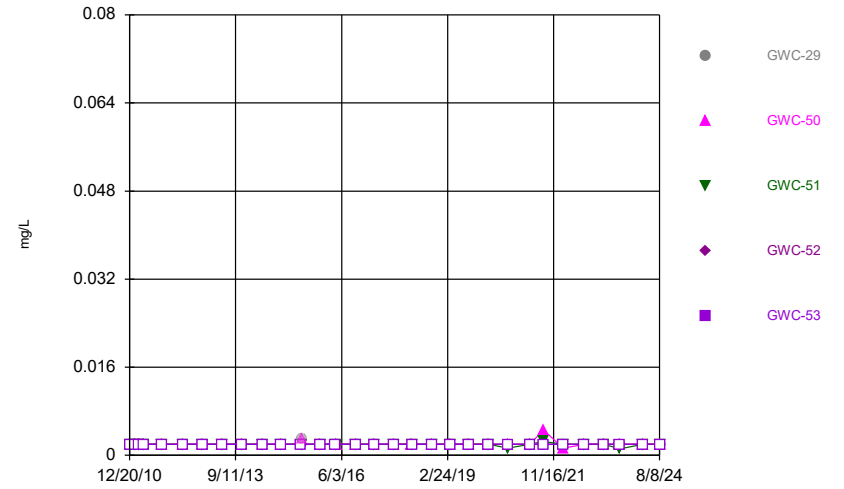
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



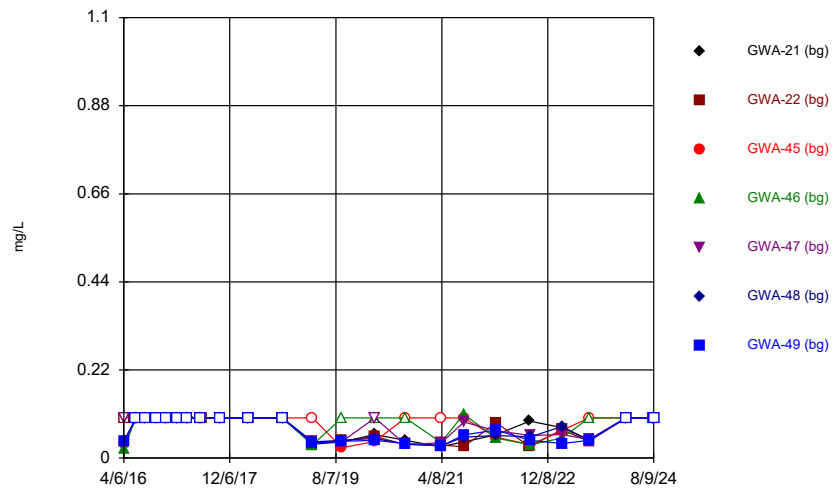
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



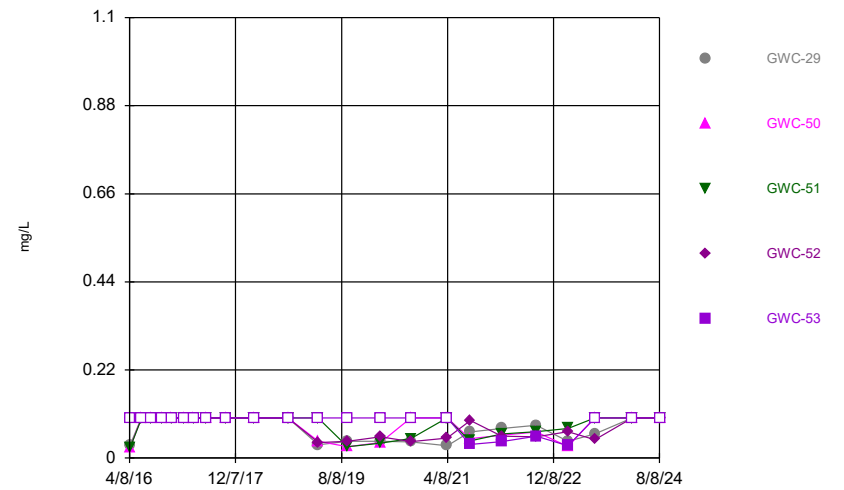
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



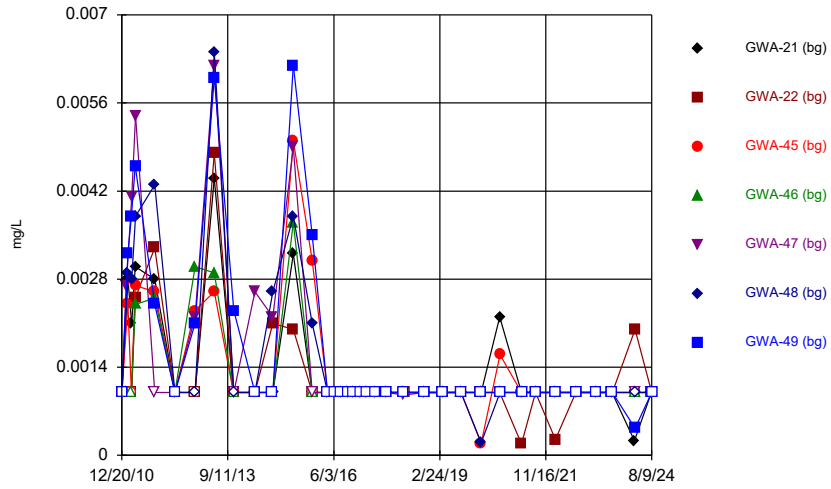
Constituent: Fluoride Analysis Run 12/2/2024 12:47 PM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



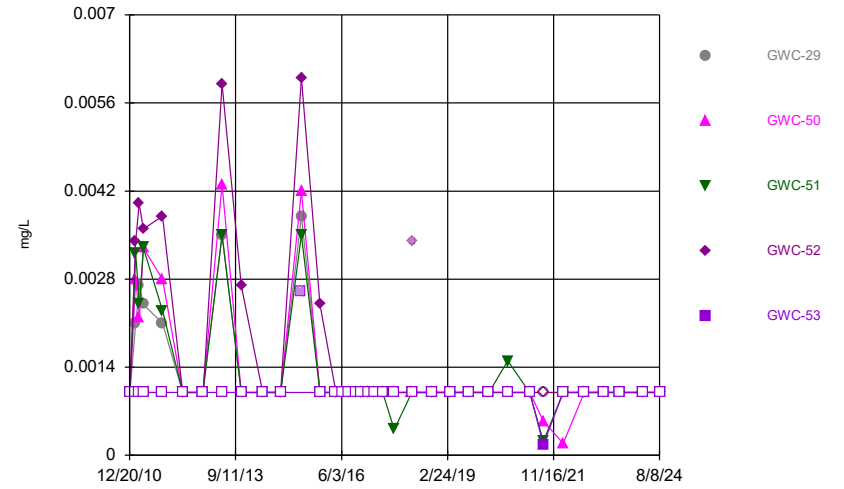
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



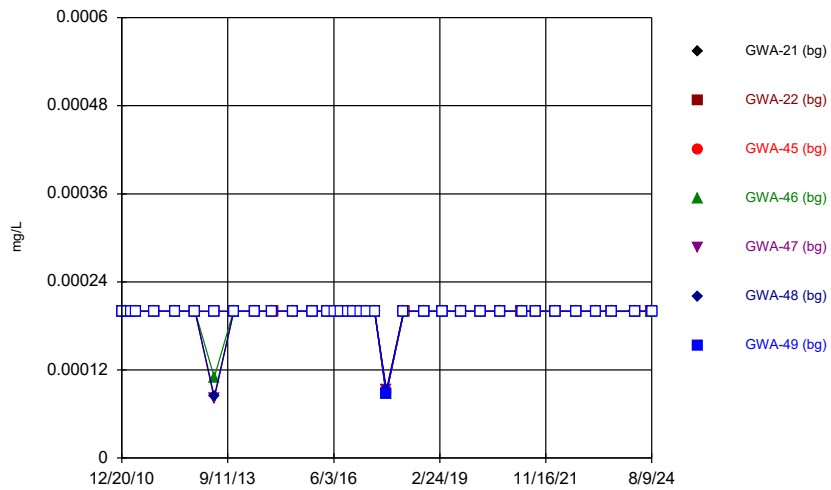
Constituent: Lead, Total Analysis Run 12/2/2024 12:47 PM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



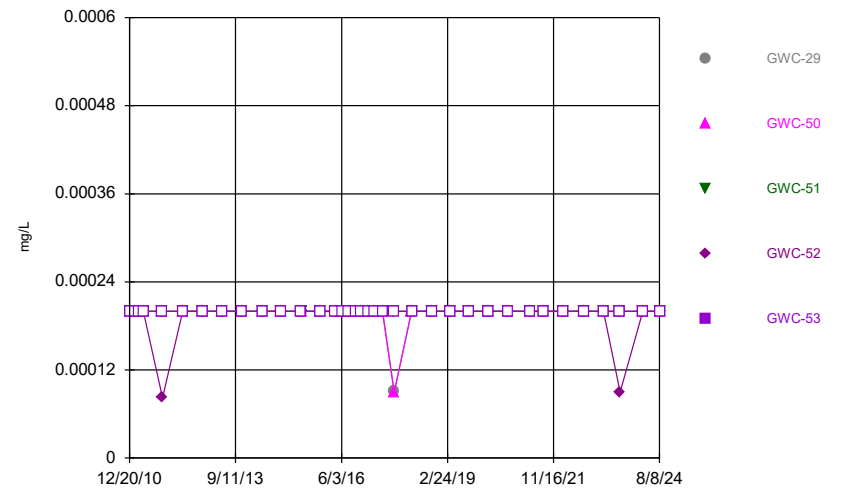
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



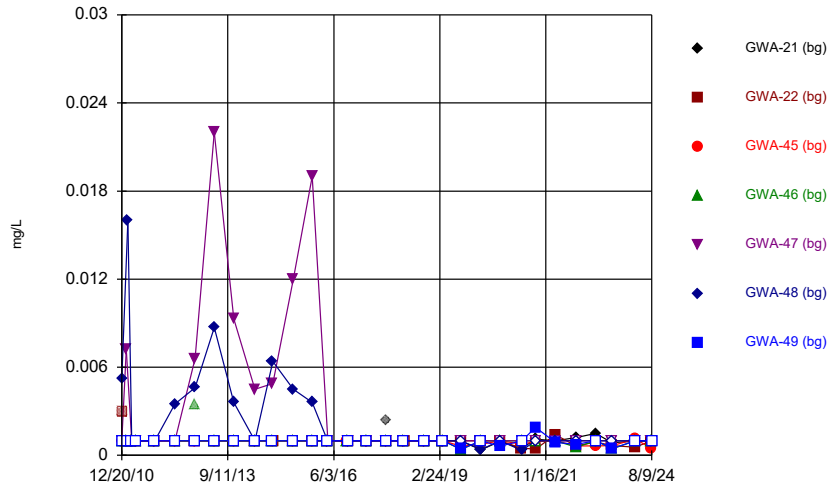
Constituent: Mercury, Total Analysis Run 12/2/2024 12:47 PM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



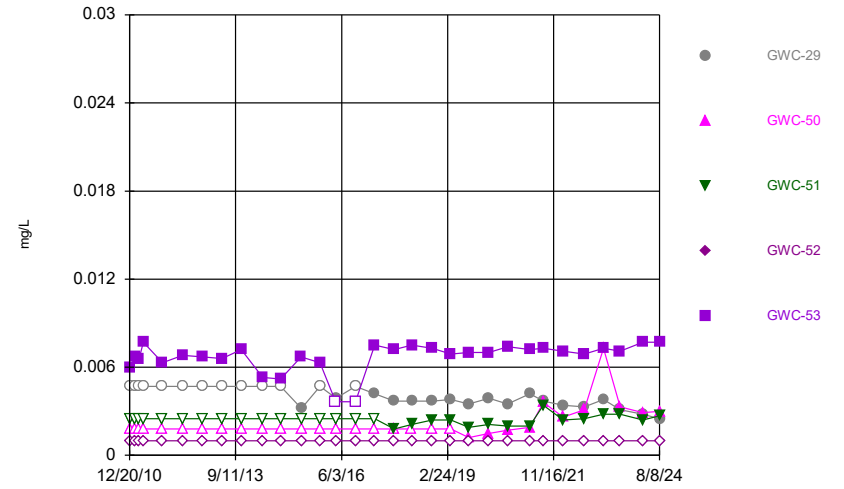
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



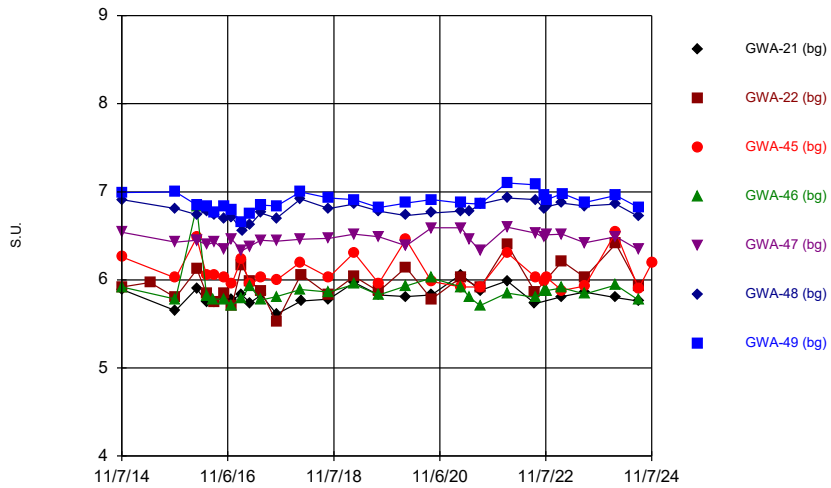
Constituent: Nickel, Total Analysis Run 12/2/2024 12:47 PM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



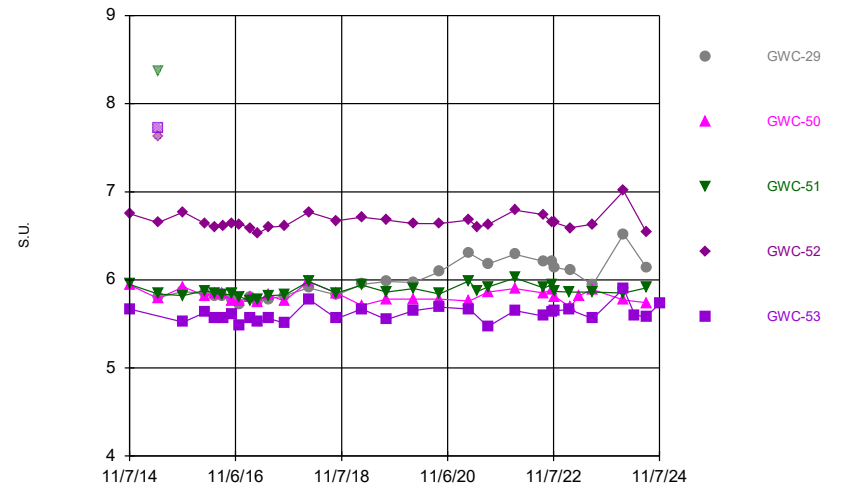
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



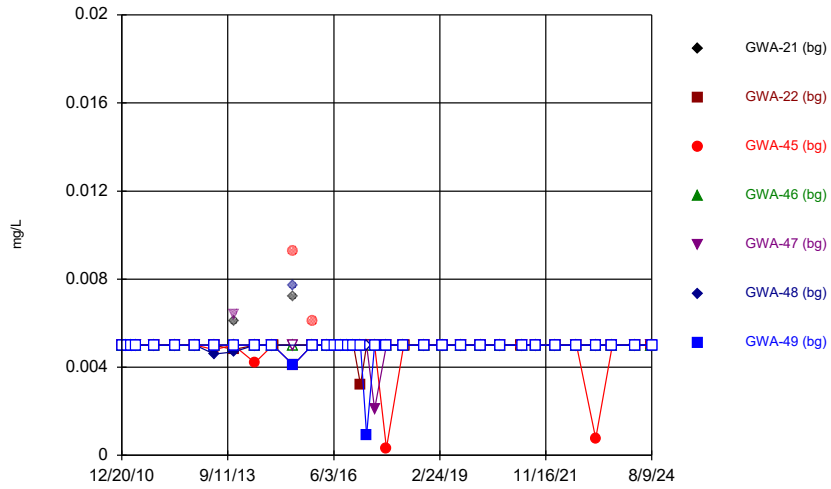
Constituent: pH Analysis Run 12/2/2024 12:47 PM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



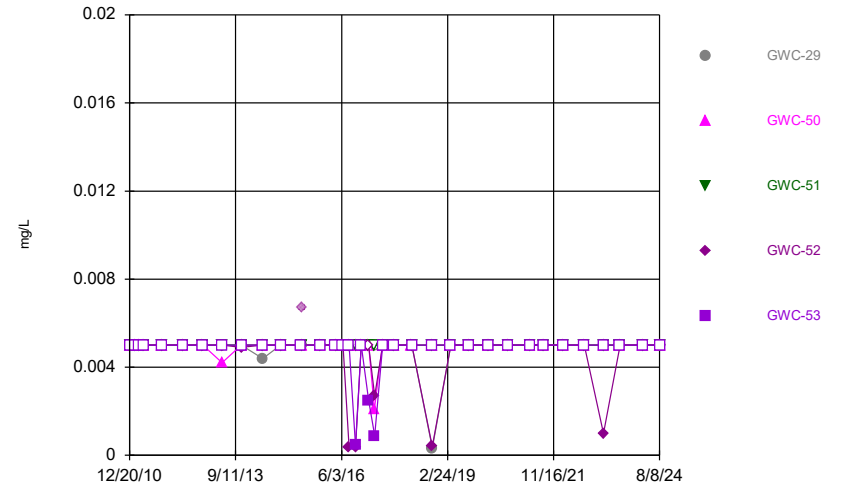
Constituent: pH Analysis Run 12/2/2024 12:47 PM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



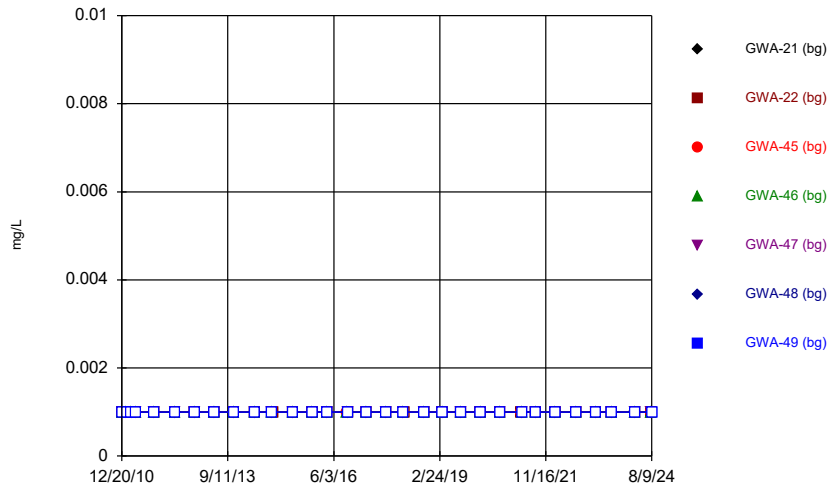
Constituent: Selenium, Total Analysis Run 12/2/2024 12:47 PM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



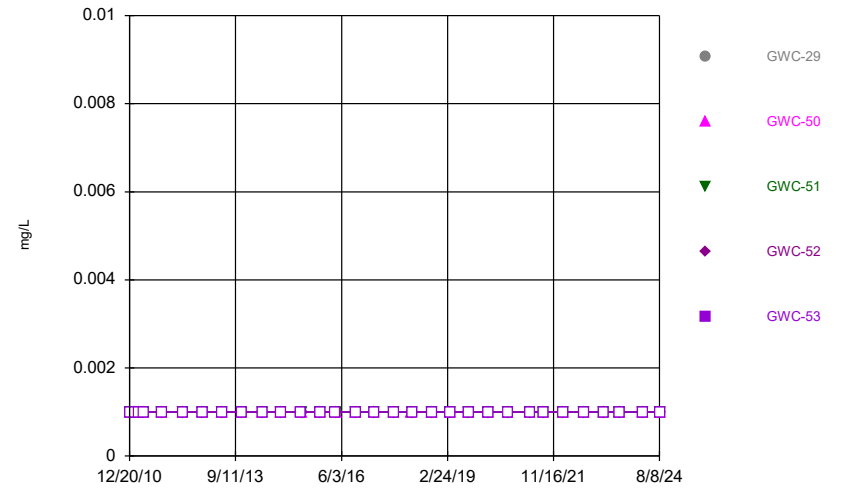
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 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



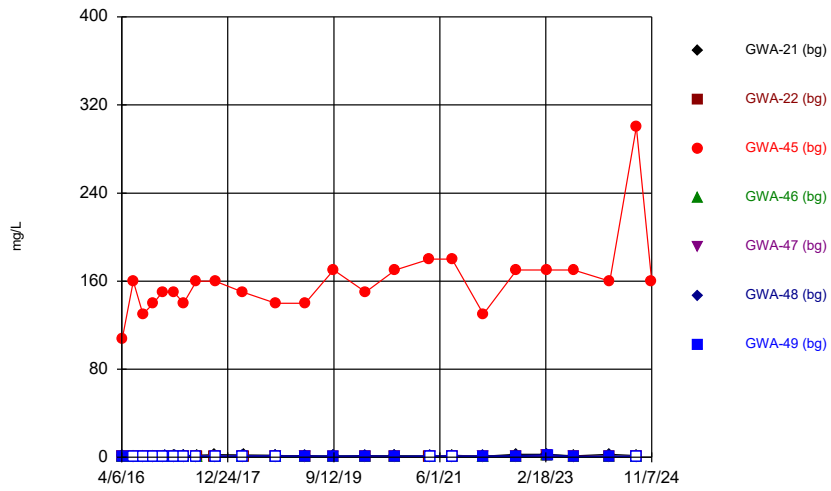
Constituent: Silver, Total Analysis Run 12/2/2024 12:47 PM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



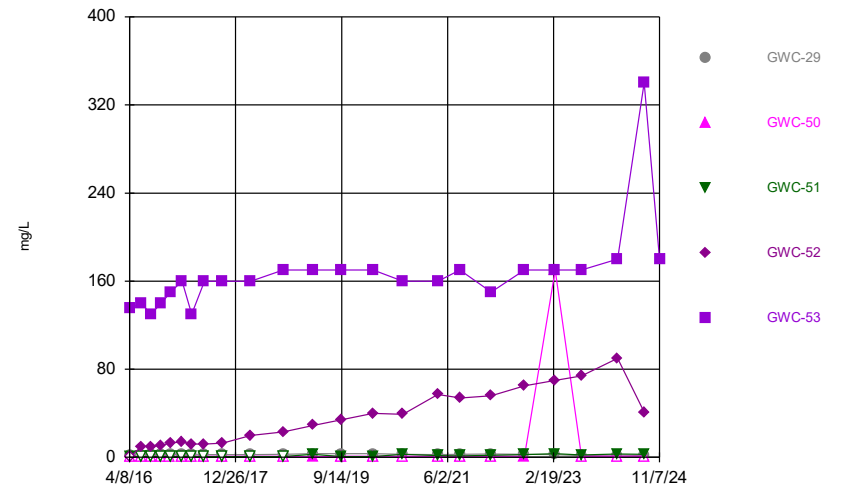
Constituent: Silver, Total Analysis Run 12/2/2024 12:47 PM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



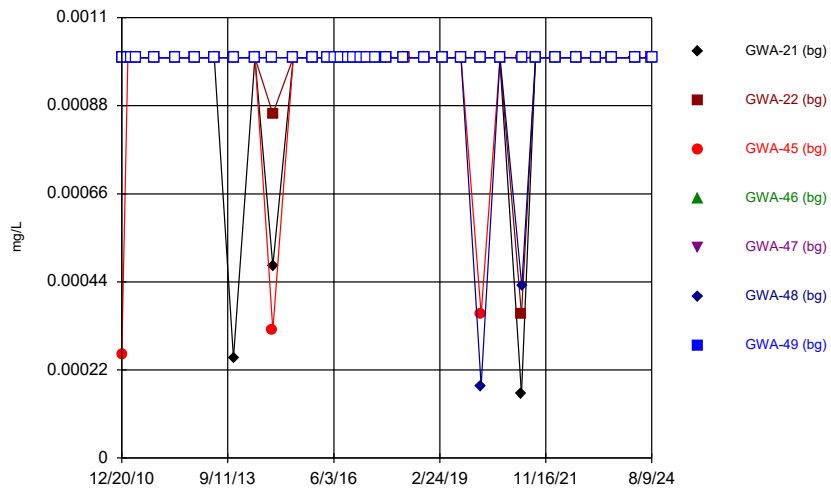
Constituent: Sulfate Analysis Run 12/2/2024 12:47 PM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



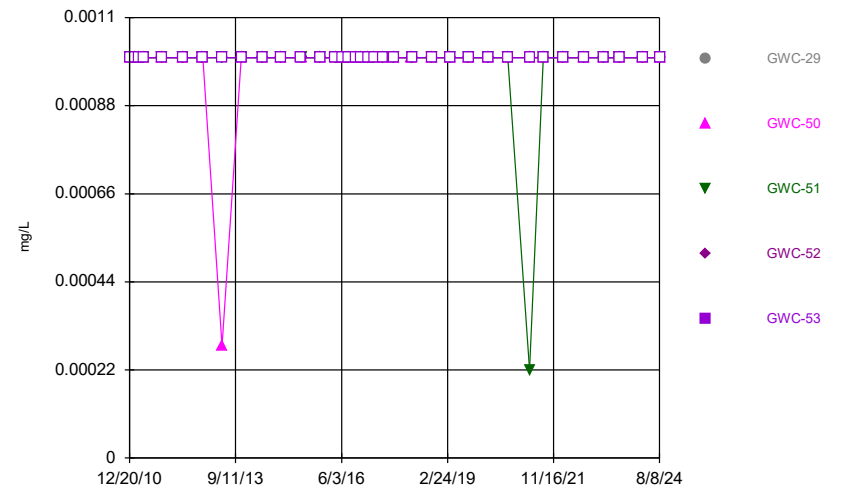
Constituent: Sulfate Analysis Run 12/2/2024 12:47 PM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



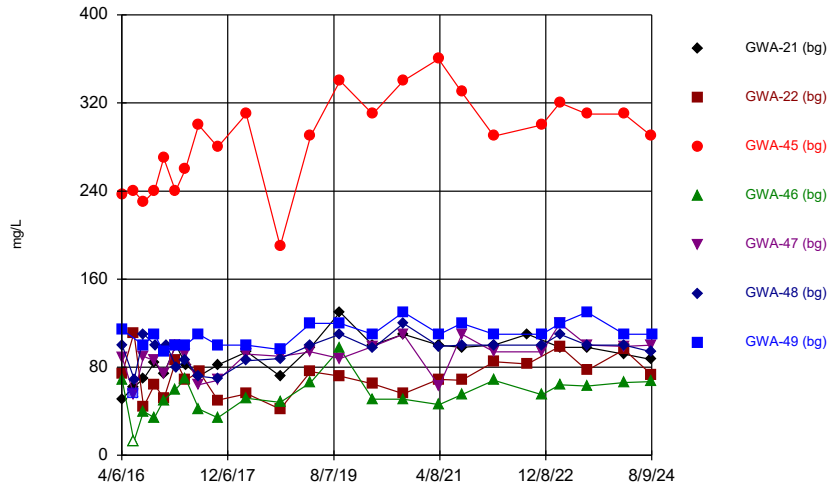
Constituent: Thallium, Total Analysis Run 12/2/2024 12:47 PM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



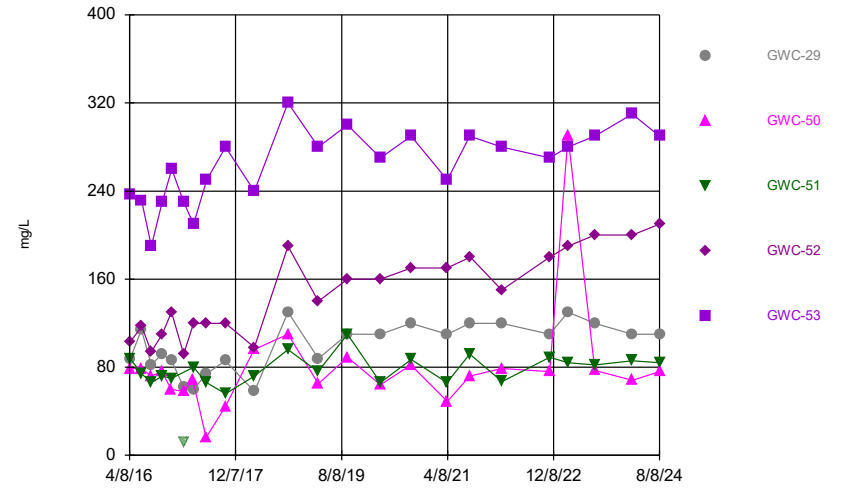
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



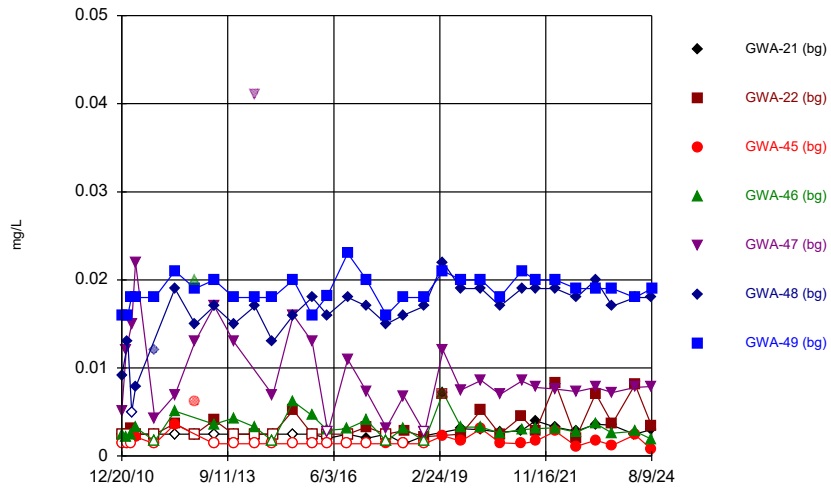
Constituent: Total Dissolved Solids Analysis Run 12/2/2024 12:47 PM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



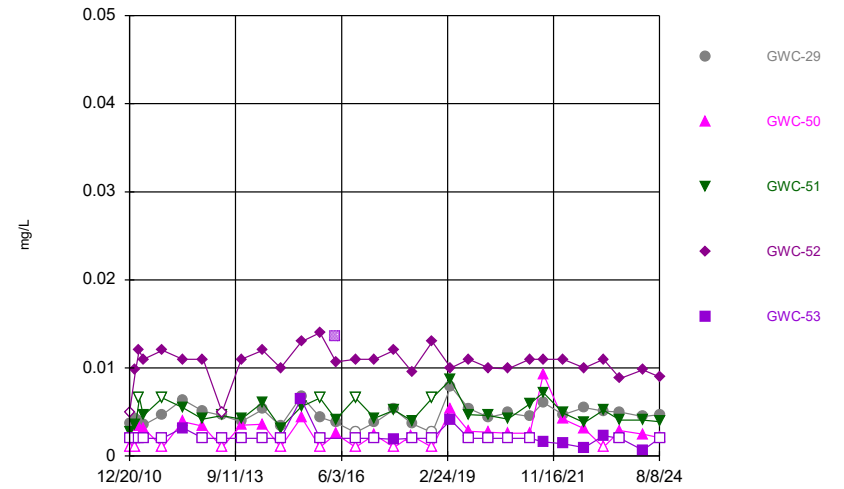
Constituent: Total Dissolved Solids Analysis Run 12/2/2024 12:47 PM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



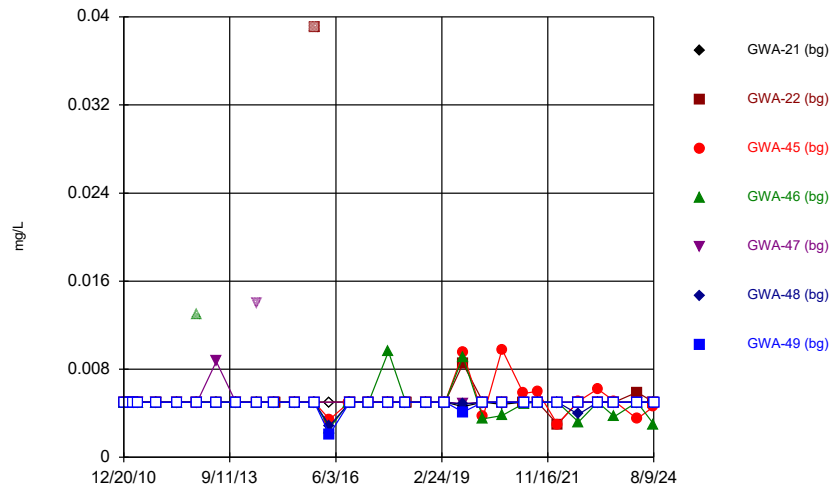
Constituent: Vanadium, Total Analysis Run 12/2/2024 12:47 PM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



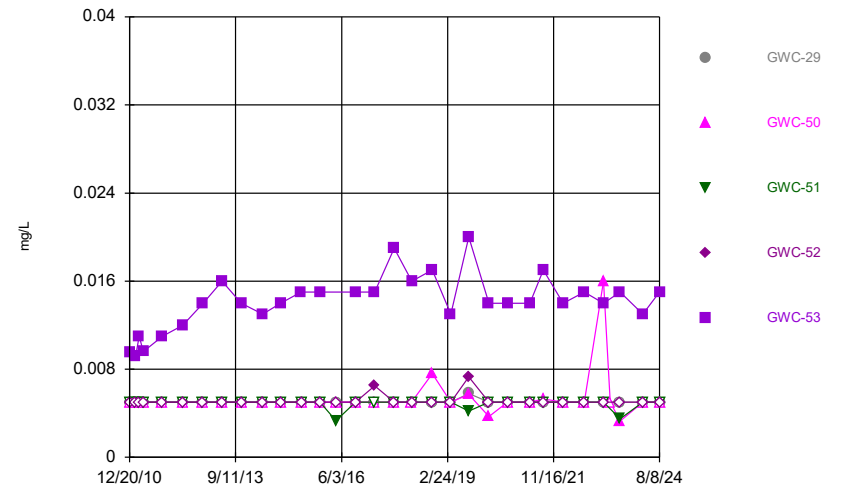
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



Constituent: Zinc, Total Analysis Run 12/2/2024 12:47 PM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



Constituent: Zinc, Total Analysis Run 12/2/2024 12:47 PM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series

Constituent: Antimony, Total (mg/L) Analysis Run 12/2/2024 12:48 PM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			<0.002	<0.002	<0.002		
12/21/2010						<0.002	<0.002
12/22/2010	<0.002	<0.002					
2/1/2011				<0.002	<0.002		
2/14/2011	<0.002	<0.002	<0.002			<0.002	<0.002
3/21/2011			<0.002	<0.002			<0.002
3/22/2011	<0.002	<0.002					
3/23/2011					<0.002	<0.002	
4/26/2011	<0.002	<0.002	<0.002	<0.002			<0.002
4/27/2011					<0.002	<0.002	
10/25/2011						<0.002	
10/26/2011			<0.002		<0.002		<0.002
10/27/2011	<0.002	<0.002		<0.002			
5/1/2012	<0.002	<0.002	<0.002		<0.002	<0.002	
5/2/2012				<0.002			<0.002
11/8/2012	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
5/7/2013	<0.002	<0.002		<0.002	<0.002	<0.002	
5/8/2013			<0.002				<0.002
11/4/2013	<0.002	<0.002	<0.002	<0.002			
11/5/2013					<0.002	<0.002	<0.002
5/23/2014					<0.002	<0.002	<0.002
5/24/2014	<0.002	<0.002	<0.002	<0.002			
11/7/2014			<0.002	<0.002	<0.002	<0.002	<0.002
11/8/2014	<0.002	<0.002					
5/20/2015			<0.002	<0.002			
5/21/2015	<0.002	<0.002			<0.002	<0.002	<0.002
11/12/2015					<0.002	<0.002	<0.002
11/13/2015	<0.002	<0.002	<0.002	<0.002			
4/6/2016	<0.002						
4/7/2016			<0.002	<0.002		<0.002	<0.002
4/8/2016		<0.002 (D)			<0.002 (D)		
6/14/2016	<0.002	<0.002	<0.002	0.0004 (J)	<0.002		<0.002
6/17/2016						<0.002	
8/9/2016		<0.002	<0.002	<0.002	<0.002		<0.002
8/10/2016	0.001 (J)					<0.002	
10/10/2016			<0.002	<0.002			
10/11/2016	<0.002	<0.002			<0.002		<0.002
10/14/2016						<0.002	
12/2/2016	<0.002		<0.002	<0.002			<0.002
12/5/2016		<0.002			<0.002		
12/19/2016						<0.002	
2/9/2017			<0.002				<0.002
2/10/2017	<0.002	<0.002		<0.002	<0.002		
2/13/2017						<0.002	
4/7/2017		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
4/10/2017	<0.002						
6/22/2017			<0.002		<0.002	<0.002	<0.002
6/23/2017	<0.002			<0.002			
6/26/2017		<0.002					
10/9/2017	<0.002	<0.002					
10/10/2017			<0.002	<0.002	<0.002	<0.002	<0.002
3/22/2018			<0.002 (D)		<0.002		<0.002

Time Series

Constituent: Antimony, Total (mg/L) Analysis Run 12/2/2024 12:48 PM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
3/23/2018				<0.002		<0.002	
3/26/2018	<0.002	<0.002 (D)					
10/3/2018	<0.002	<0.002	<0.002			<0.002	<0.002
10/4/2018				<0.002			
10/5/2018					<0.002		
3/27/2019	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
9/12/2019	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
3/19/2020	<0.002	<0.002	<0.002	<0.002		<0.002	<0.002
3/20/2020					<0.002		
9/10/2020	<0.002	<0.002					<0.002
9/11/2020			<0.002	<0.002	<0.002	<0.002	
4/2/2021	<0.002	<0.002	<0.002				
4/5/2021				<0.002	<0.002	<0.002	
4/6/2021							<0.002
8/12/2021	<0.002	<0.002	<0.002	<0.002		<0.002	<0.002
8/13/2021					<0.002		
2/14/2022	<0.002		<0.002	<0.002	<0.002	<0.002	<0.002
2/15/2022		<0.002					
8/26/2022	<0.002	<0.002					
8/30/2022							<0.002
8/31/2022			<0.002	<0.002	0.00059 (J)	0.00089 (J)	
2/28/2023	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	
3/1/2023							<0.002
8/2/2023	<0.002						
8/3/2023		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
2/29/2024	<0.002						
3/4/2024		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
8/6/2024	<0.002						
8/8/2024		<0.002	<0.002	<0.002	<0.002	<0.002	
8/9/2024							<0.002

Time Series

Constituent: Antimony, Total (mg/L) Analysis Run 12/2/2024 12:48 PM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					<0.002
12/21/2010				<0.002	
12/22/2010	<0.002	<0.002	<0.002		
2/14/2011					<0.002
2/15/2011	<0.002	<0.002	<0.002	<0.002	
3/21/2011				<0.002	<0.002
3/22/2011	<0.002	<0.002	<0.002		
4/27/2011	<0.002	<0.002	<0.002		<0.002
4/28/2011				<0.002	
10/26/2011	<0.002	<0.002	<0.002	<0.002	<0.002
5/1/2012				<0.002	<0.002
5/2/2012	<0.002	<0.002	<0.002		
11/8/2012	<0.002	<0.002	<0.002		
11/9/2012				<0.002	<0.002
5/8/2013	<0.002	<0.002	<0.002	<0.002	<0.002
11/4/2013	<0.002	<0.002	<0.002	<0.002	<0.002
5/24/2014	<0.002	<0.002	<0.002	<0.002	<0.002
11/7/2014	<0.002		<0.002	<0.002	<0.002
11/8/2014		<0.002			
5/20/2015					<0.002
5/22/2015	<0.002	<0.002	<0.002	<0.002	
11/13/2015	<0.002	<0.002	<0.002	<0.002	<0.002
4/8/2016					<0.002 (D)
4/11/2016	<0.002	<0.002	<0.002	<0.002	
6/15/2016	<0.002	<0.002			
6/16/2016			<0.002	<0.002	<0.002
8/10/2016	<0.002	<0.002	<0.002		
8/11/2016				<0.002	<0.002
10/11/2016	<0.002	<0.002			
10/13/2016			<0.002	<0.002	<0.002
12/2/2016		<0.002			
12/5/2016	<0.002		<0.002	<0.002	
12/6/2016					<0.002
2/13/2017	<0.002	<0.002	<0.002	<0.002	<0.002
4/7/2017		<0.002			
4/10/2017	<0.002		<0.002		
4/11/2017				<0.002	<0.002
6/22/2017		<0.002			
6/23/2017	<0.002		<0.002		
6/24/2017				<0.002	<0.002
10/10/2017	<0.002	<0.002			
10/11/2017			<0.002	<0.002	<0.002
3/23/2018		<0.002			
3/26/2018	<0.002		<0.002	<0.002	<0.002
10/4/2018	<0.002	<0.002	<0.002	<0.002	<0.002
3/27/2019			<0.002		
3/28/2019	<0.002	<0.002		<0.002	<0.002
9/12/2019	<0.002	<0.002	<0.002	<0.002	<0.002
3/19/2020	<0.002	<0.002	<0.002	<0.002	<0.002
9/10/2020	<0.002	<0.002			
9/11/2020			<0.002	<0.002	<0.002
4/5/2021			<0.002	<0.002	

Time Series

Constituent: Antimony, Total (mg/L) Analysis Run 12/2/2024 12:48 PM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/6/2021	<0.002	<0.002			<0.002
8/13/2021	<0.002	<0.002	<0.002		<0.002
8/17/2021				<0.002	
2/14/2022	<0.002	<0.002		<0.002	<0.002
2/15/2022			<0.002		
8/31/2022	<0.002	<0.002	0.00087 (J)	<0.002	<0.002
2/28/2023			<0.002		<0.002
3/1/2023	<0.002	<0.002		<0.002	
8/3/2023	<0.002	<0.002	<0.002	<0.002	<0.002
3/4/2024	<0.002	<0.002	<0.002	<0.002	<0.002
8/8/2024	<0.002	<0.002	<0.002	<0.002	<0.002

Time Series

Constituent: Arsenic, Total (mg/L) Analysis Run 12/2/2024 12:48 PM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			<0.001	<0.001	<0.001		
12/21/2010						<0.001	<0.001
12/22/2010	<0.001	<0.001					
2/1/2011				<0.001	<0.001		
2/14/2011	<0.001	<0.001	<0.001			<0.001	<0.001
3/21/2011			<0.001	<0.001			<0.001
3/22/2011	<0.001	<0.001					
3/23/2011					<0.001	<0.001	
4/26/2011	<0.001	<0.001	<0.001	<0.001			<0.001
4/27/2011					<0.001	<0.001	
10/25/2011						<0.001	
10/26/2011			<0.001		<0.001		<0.001
10/27/2011	<0.001	<0.001		<0.001			
5/1/2012	<0.001	<0.001	<0.001		<0.001	<0.001	
5/2/2012				<0.001			<0.001
11/8/2012	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
5/7/2013	<0.001	<0.001		<0.001	<0.001	<0.001	
5/8/2013			<0.001				<0.001
11/4/2013	<0.001	<0.001	<0.001	<0.001			
11/5/2013					<0.001	<0.001	<0.001
5/23/2014					<0.001	<0.001	<0.001
5/24/2014	<0.001	<0.001	<0.001	<0.001			
11/7/2014			<0.001	<0.001	<0.001	<0.001	<0.001
11/8/2014	<0.001	<0.001					
5/20/2015			<0.001	<0.001			
5/21/2015	<0.001	<0.001			<0.001	<0.001	<0.001
11/12/2015					<0.001	<0.001	<0.001
11/13/2015	<0.001	<0.001	<0.001	<0.001			
4/6/2016	<0.001						
4/7/2016			<0.001	<0.001		<0.001	<0.001
6/14/2016	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001
6/17/2016						<0.001	
8/9/2016		<0.001	<0.001	<0.001	<0.001		0.00053
8/10/2016	<0.001					<0.001	
10/10/2016			<0.001	<0.001			
10/11/2016	<0.001	<0.001			<0.001		<0.001
10/14/2016						<0.001	
12/2/2016	<0.001		<0.001	<0.001			<0.001
12/5/2016		<0.001			<0.001		
12/19/2016						<0.001	
2/9/2017			<0.001				<0.001
2/10/2017	<0.001	<0.001		<0.001	<0.001		
2/13/2017						<0.001	
4/7/2017		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4/10/2017	<0.001						
6/22/2017			<0.001		<0.001	<0.001	<0.001
6/23/2017	<0.001			<0.001			
6/26/2017		<0.001					
10/9/2017	<0.001	<0.001					
10/10/2017			0.0015	<0.001	<0.001	<0.001	<0.001
3/22/2018			<0.001 (D)		<0.001		<0.001
3/23/2018				<0.001		<0.001	

Time Series

Constituent: Arsenic, Total (mg/L) Analysis Run 12/2/2024 12:48 PM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
3/26/2018	<0.001	<0.001 (D)					
10/3/2018	<0.001	<0.001	<0.001			<0.001	<0.001
10/4/2018				<0.001			
10/5/2018					<0.001		
3/27/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
9/12/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
3/19/2020	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001
3/20/2020					<0.001		
9/10/2020	<0.001	<0.001					<0.001
9/11/2020			<0.001	<0.001	<0.001	<0.001	
4/2/2021	<0.001	<0.001	<0.001				
4/5/2021				<0.001	<0.001	0.00031 (J)	
4/6/2021							<0.001
8/12/2021	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001
8/13/2021					<0.001		
2/14/2022	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001
2/15/2022		<0.001					
8/26/2022	<0.001	<0.001					
8/30/2022							<0.001
8/31/2022			<0.001	<0.001	<0.001	<0.001	
2/28/2023	<0.001	<0.001	0.00035 (J)	<0.001	<0.001	<0.001	
3/1/2023							<0.001
8/2/2023	<0.001						
8/3/2023		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2/29/2024	<0.001						
3/4/2024		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
8/6/2024	<0.001						
8/8/2024		0.00088 (J)	0.0011	0.0013	0.0011	0.00089 (J)	
8/9/2024							0.0011

Time Series

Constituent: Arsenic, Total (mg/L) Analysis Run 12/2/2024 12:48 PM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					<0.001
12/21/2010				<0.001	
12/22/2010	<0.001	<0.001	<0.001		
2/14/2011					<0.001
2/15/2011	<0.001	<0.001	<0.001	<0.001	
3/21/2011				<0.001	<0.001
3/22/2011	<0.001	<0.001	<0.001		
4/27/2011	<0.001	<0.001	<0.001		<0.001
4/28/2011				<0.001	
10/26/2011	<0.001	<0.001	<0.001	<0.001	<0.001
5/1/2012				<0.001	<0.001
5/2/2012	<0.001	<0.001	<0.001		
11/8/2012	<0.001	<0.001	<0.001		
11/9/2012				<0.001	<0.001
5/8/2013	<0.001	<0.001	<0.001	<0.001	<0.001
11/4/2013	<0.001	<0.001	<0.001	<0.001	<0.001
5/24/2014	<0.001	<0.001	<0.001	<0.001	<0.001
11/7/2014	<0.001		<0.001	<0.001	<0.001
11/8/2014		<0.001			
5/20/2015					<0.001
5/22/2015	<0.001	<0.001	<0.001	<0.001	
11/13/2015	<0.001	<0.001	<0.001	<0.001	<0.001
4/11/2016	<0.001	<0.001	<0.001	<0.001	
6/15/2016	<0.001	<0.001			
6/16/2016			<0.001	<0.001	<0.001
8/10/2016	<0.001	<0.001	<0.001		
8/11/2016				<0.001	<0.001
10/11/2016	<0.001	<0.001			
10/13/2016			<0.001	<0.001	<0.001
12/2/2016		<0.001			
12/5/2016	<0.001		<0.001	<0.001	
12/6/2016					<0.001
2/13/2017	<0.001	<0.001	<0.001	<0.001	0.0011
4/7/2017		0.00052			
4/10/2017	<0.001		<0.001		
4/11/2017				<0.001	<0.001
6/22/2017		<0.001			
6/23/2017	<0.001		<0.001		
6/24/2017				<0.001	<0.001
10/10/2017	0.0013	<0.001			
10/11/2017			<0.001	<0.001	<0.001
3/23/2018		<0.001			
3/26/2018	<0.001		<0.001	<0.001	<0.001
10/4/2018	<0.001	<0.001	<0.001	<0.001	<0.001
3/27/2019			<0.001		
3/28/2019	<0.001	<0.001		<0.001	<0.001
9/12/2019	<0.001	<0.001	<0.001	<0.001	<0.001
3/19/2020	<0.001	<0.001	<0.001	<0.001	<0.001
9/10/2020	<0.001	<0.001			
9/11/2020			<0.001	<0.001	<0.001
4/5/2021			<0.001	<0.001	
4/6/2021	<0.001	<0.001			<0.001

Time Series

Constituent: Arsenic, Total (mg/L) Analysis Run 12/2/2024 12:48 PM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
8/13/2021	<0.001	<0.001	<0.001		<0.001
8/17/2021				<0.001	
2/14/2022	<0.001	<0.001		<0.001	<0.001
2/15/2022			<0.001		
8/31/2022	<0.001	<0.001	<0.001	<0.001	<0.001
2/28/2023			<0.001		<0.001
3/1/2023	<0.001	<0.001		0.00031 (J)	
8/3/2023	<0.001	<0.001	<0.001	<0.001	<0.001
3/4/2024	<0.001	<0.001	<0.001	<0.001	<0.001
8/8/2024	0.0011	0.0011	<0.001	0.001	0.0011

Time Series

Constituent: Barium, Total (mg/L) Analysis Run 12/2/2024 12:48 PM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			0.024 (J)	0.019 (J)	0.029 (J)		
12/21/2010						0.055 (O)	0.021 (J)
12/22/2010	0.026 (J)	0.028 (J)					
2/1/2011				0.017 (J)	0.038 (J)		
2/14/2011	0.022 (J)	0.025 (J)	0.023 (J)			0.05 (O)	0.021 (J)
3/21/2011			0.021 (J)	0.019 (J)			0.021 (J)
3/22/2011	0.02 (J)	0.029 (J)					
3/23/2011					0.045 (J)	0.031 (J)	
4/26/2011	0.019 (J)	0.031 (J)	0.019 (J)	0.02 (J)			0.021 (J)
4/27/2011					0.043 (J)	0.015 (J)	
10/25/2011						0.02	
10/26/2011			0.023		0.023		0.019
10/27/2011	0.021	0.027		0.018			
5/1/2012	0.017	0.022	0.014		0.021	0.017	
5/2/2012				0.017			0.018
11/8/2012	0.023	0.024	0.034	0.048 (O)	0.038	0.012	0.018
5/7/2013	0.021	0.027		0.02	0.042	0.022	
5/8/2013			0.016				0.017
11/4/2013	0.018	0.024	0.014	0.019			
11/5/2013					0.039	0.012	0.019
5/23/2014					0.088 (O)	0.02	0.021
5/24/2014	0.022	0.025	0.027	0.019			
11/7/2014			0.03	0.019	0.027	0.012	0.019
11/8/2014	0.02	0.023					
5/20/2015			0.029	0.018			
5/21/2015	0.022	0.023			0.036	0.011	0.02
11/12/2015					0.038	0.012	0.019
11/13/2015	0.025	0.023	0.041	0.02			
4/6/2016	0.0239						
4/7/2016			0.0381	0.0207		0.0116	0.0201
4/8/2016		0.0244			0.0261		
6/14/2016	0.021	0.023	0.034	0.019	0.023		0.017
6/17/2016						0.012	
8/9/2016		0.026	0.032	0.017	0.026		0.017
8/10/2016	0.019					0.012	
10/10/2016			0.037	0.02			
10/11/2016	0.02	0.022			0.03		0.02
10/14/2016						0.016	
12/2/2016	0.022		0.038	0.02			0.02
12/5/2016		0.025			0.026		
12/19/2016						0.012	
2/9/2017			0.048				0.018
2/10/2017	0.03	0.026		0.018	0.023		
2/13/2017						0.017	
4/7/2017		0.021	0.045	0.02	0.024	0.011	0.018
4/10/2017	0.025						
6/22/2017			0.049		0.025	0.014	0.02
6/23/2017	0.026			0.021			
6/26/2017		0.028					
10/9/2017	0.025	0.021					
10/10/2017			0.044	0.018	0.022	0.012	0.02
3/22/2018			0.0495 (D)		0.024		0.018

Time Series

Constituent: Barium, Total (mg/L) Analysis Run 12/2/2024 12:48 PM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					0.11
12/21/2010				0.01 (J)	
12/22/2010	0.016 (J)	0.011 (J)	0.011 (J)		
2/14/2011					<0.1
2/15/2011	0.016 (J)	0.013 (J)	0.013 (J)	0.0086 (J)	
3/21/2011				0.009 (J)	<0.1
3/22/2011	0.014 (J)	0.01 (J)	0.01 (J)		
4/27/2011	0.016 (J)	0.011 (J)	0.011 (J)		0.091 (J)
4/28/2011				0.012 (J)	
10/26/2011	0.015	0.013	0.0099 (J)	0.0093 (J)	0.1
5/1/2012				0.0048 (J)	0.095
5/2/2012	0.012	0.0084 (J)	0.0085 (J)		
11/8/2012	0.015	0.012	<0.01		
11/9/2012				0.0091 (J)	0.093
5/8/2013	0.014	0.013	0.0094 (J)	0.0096 (J)	0.077
11/4/2013	0.016	0.012	0.0094 (J)	0.012	0.083
5/24/2014	0.015	0.012	0.0094 (J)	0.011	0.07
11/7/2014	0.016		0.0094 (J)	0.011	0.065
11/8/2014		0.01			
5/20/2015					0.058
5/22/2015	0.015	0.011	0.0092 (J)	0.011	
11/13/2015	0.016	0.011	0.0095 (J)	0.011	0.058
4/8/2016					0.0619
4/11/2016	0.0167	0.0132	0.0105	0.012	
6/15/2016	0.015	0.011			
6/16/2016			0.0089 (J)	0.011	0.052
8/10/2016	0.015	0.012	0.0082		
8/11/2016				0.012	0.044
10/11/2016	0.017	0.012			
10/13/2016			0.0088	0.012	0.049
12/2/2016		0.012			
12/5/2016	0.017		0.01	0.013	
12/6/2016					0.047
2/13/2017	0.016	0.013	0.0097	0.012	0.05
4/7/2017		0.01			
4/10/2017	0.015		0.0082		
4/11/2017				0.012	0.053
6/22/2017		0.012			
6/23/2017	0.017		0.01		
6/24/2017				0.013	0.054
10/10/2017	0.016	0.011			
10/11/2017			0.0092	0.012	0.05
3/23/2018		0.011			
3/26/2018	0.015		0.0094	0.013	0.05
10/4/2018	0.018	0.012	0.0093	0.013	0.042
3/27/2019			0.011		
3/28/2019	0.017	0.012		0.014	0.045
9/12/2019	0.019	0.013	0.011	0.017	0.043
3/19/2020	0.019	0.013	0.011	0.018	0.047
9/10/2020	0.02	0.013			
9/11/2020			0.01	0.017	0.044
4/5/2021			0.01	0.019	

Time Series

Constituent: Barium, Total (mg/L) Analysis Run 12/2/2024 12:48 PM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/6/2021	0.018	0.013			0.041
8/13/2021	0.021	0.029	0.019		0.038
8/17/2021				0.02	
2/14/2022	0.02	0.018		0.021	0.042
2/15/2022			0.011		
8/31/2022	0.025	0.015	0.011	0.022	0.036
2/28/2023			0.01		0.039
3/1/2023	0.02	0.038		0.023	
8/3/2023	0.019	0.013	0.011	0.021	0.033
3/4/2024	0.025	0.014	0.011	0.025	0.036
8/8/2024	0.02	0.014	0.012	0.029	0.036

Time Series

Constituent: Beryllium, Total (mg/L) Analysis Run 12/2/2024 12:48 PM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			<0.0025	<0.0025	<0.0025		
12/21/2010						<0.0025	<0.0025
12/22/2010	<0.0025	<0.0025					
2/1/2011				<0.0025	<0.0025		
2/14/2011	<0.0025	<0.0025	<0.0025			<0.0025	<0.0025
3/21/2011			<0.0025	<0.0025			<0.0025
3/22/2011	<0.0025	<0.0025					
3/23/2011					<0.0025	<0.0025	
4/26/2011	<0.0025	<0.0025	<0.0025	<0.0025			<0.0025
4/27/2011					<0.0025	<0.0025	
10/25/2011						<0.0025	
10/26/2011			<0.0025		<0.0025		<0.0025
10/27/2011	<0.0025	<0.0025		<0.0025			
5/1/2012	<0.0025	<0.0025	<0.0025		<0.0025	<0.0025	
5/2/2012				<0.0025			<0.0025
11/8/2012	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
5/7/2013	<0.0025	<0.0025		<0.0025	<0.0025	<0.0025	
5/8/2013			<0.0025				<0.0025
11/4/2013	<0.0025	<0.0025	<0.0025	<0.0025			
11/5/2013					<0.0025	<0.0025	<0.0025
5/23/2014					<0.0025	<0.0025	<0.0025
5/24/2014	<0.0025	<0.0025	<0.0025	<0.0025			
11/7/2014			<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
11/8/2014	<0.0025	<0.0025					
5/20/2015			<0.0025	<0.0025			
5/21/2015	<0.0025	<0.0025			<0.0025	<0.0025	<0.0025
11/12/2015					<0.0025	<0.0025	<0.0025
11/13/2015	<0.0025	<0.0025	<0.0025	<0.0025			
4/6/2016	<0.0025						
4/7/2016			<0.0025	<0.0025		<0.0025	<0.0025
4/8/2016		<0.0025			<0.0025		
6/14/2016	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025		<0.0025
6/17/2016						<0.0025	
8/9/2016		<0.0025	<0.0025	<0.0025	<0.0025		<0.0025
8/10/2016	<0.0025					<0.0025	
10/10/2016			<0.0025	<0.0025			
10/11/2016	<0.0025	<0.0025			<0.0025		<0.0025
10/14/2016						<0.0025	
12/2/2016	<0.0025		<0.0025	<0.0025			<0.0025
12/5/2016		<0.0025			<0.0025		
12/19/2016						<0.0025	
2/9/2017			<0.0025				<0.0025
2/10/2017	<0.0025	<0.0025		<0.0025	<0.0025		
2/13/2017						<0.0025	
4/7/2017		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
4/10/2017	<0.0025						
6/22/2017			<0.0025		<0.0025	<0.0025	<0.0025
6/23/2017	<0.0025			<0.0025			
6/26/2017		<0.0025					
10/9/2017	<0.0025	<0.0025					
10/10/2017			<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/22/2018			<0.0025 (D)		<0.0025		<0.0025

Time Series

Constituent: Beryllium, Total (mg/L) Analysis Run 12/2/2024 12:48 PM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
3/23/2018				<0.0025		<0.0025	
3/26/2018	<0.0025	<0.0025 (D)					
10/3/2018	<0.0025	<0.0025	<0.0025			<0.0025	<0.0025
10/4/2018				<0.0025			
10/5/2018					<0.0025		
3/27/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
9/12/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/19/2020	<0.0025	<0.0025	<0.0025	<0.0025		<0.0025	<0.0025
3/20/2020					<0.0025		
9/10/2020	<0.0025	<0.0025					<0.0025
9/11/2020			<0.0025	<0.0025	<0.0025	<0.0025	
4/2/2021	<0.0025	0.00019 (J)	<0.0025				
4/5/2021				<0.0025	<0.0025	<0.0025	
4/6/2021							<0.0025
8/12/2021	<0.0025	<0.0025	<0.0025	<0.0025		<0.0025	<0.0025
8/13/2021					<0.0025		
2/14/2022	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
2/15/2022		<0.0025					
8/26/2022	<0.0025	<0.0025					
8/30/2022							<0.0025
8/31/2022			<0.0025	<0.0025	<0.0025	<0.0025	
2/28/2023	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	
3/1/2023							<0.0025
8/2/2023	<0.0025						
8/3/2023		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
2/29/2024	<0.0025						
3/4/2024		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
8/6/2024	<0.0025						
8/8/2024		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	
8/9/2024							<0.0025

Time Series

Constituent: Beryllium, Total (mg/L) Analysis Run 12/2/2024 12:48 PM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					<0.0025
12/21/2010				<0.0025	
12/22/2010	<0.0025	<0.0025	<0.0025		
2/14/2011					<0.0025
2/15/2011	<0.0025	<0.0025	<0.0025	<0.0025	
3/21/2011				<0.0025	<0.0025
3/22/2011	<0.0025	<0.0025	<0.0025		
4/27/2011	<0.0025	<0.0025	<0.0025		<0.0025
4/28/2011				<0.0025	
10/26/2011	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
5/1/2012				<0.0025	<0.0025
5/2/2012	<0.0025	<0.0025	<0.0025		
11/8/2012	<0.0025	<0.0025	<0.0025		
11/9/2012				<0.0025	<0.0025
5/8/2013	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
11/4/2013	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
5/24/2014	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
11/7/2014	<0.0025		<0.0025	<0.0025	<0.0025
11/8/2014		<0.0025			
5/20/2015					<0.0025
5/22/2015	<0.0025	<0.0025	<0.0025	<0.0025	
11/13/2015	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
4/8/2016					<0.0025
4/11/2016	<0.0025	<0.0025	<0.0025	<0.0025	
6/15/2016	<0.0025	<0.0025			
6/16/2016			2E-05 (J)	<0.0025	<0.0025
8/10/2016	<0.0025	<0.0025	<0.0025		
8/11/2016				<0.0025	<0.0025
10/11/2016	<0.0025	<0.0025			
10/13/2016			<0.0025	<0.0025	<0.0025
12/2/2016		<0.0025			
12/5/2016	<0.0025		<0.0025	<0.0025	
12/6/2016					<0.0025
2/13/2017	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
4/7/2017		<0.0025			
4/10/2017	<0.0025		<0.0025		
4/11/2017				<0.0025	<0.0025
6/22/2017		<0.0025			
6/23/2017	<0.0025		<0.0025		
6/24/2017				<0.0025	<0.0025
10/10/2017	<0.0025	<0.0025			
10/11/2017			<0.0025	<0.0025	<0.0025
3/23/2018		<0.0025			
3/26/2018	<0.0025		<0.0025	<0.0025	<0.0025
10/4/2018	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/27/2019			<0.0025		
3/28/2019	<0.0025	<0.0025		<0.0025	<0.0025
9/12/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/19/2020	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
9/10/2020	<0.0025	<0.0025			
9/11/2020			<0.0025	<0.0025	<0.0025
4/5/2021			<0.0025	<0.0025	

Time Series

Constituent: Beryllium, Total (mg/L) Analysis Run 12/2/2024 12:48 PM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/6/2021	<0.0025	<0.0025			<0.0025
8/13/2021	<0.0025	<0.0025	<0.0025		<0.0025
8/17/2021				<0.0025	
2/14/2022	<0.0025	<0.0025		<0.0025	<0.0025
2/15/2022			<0.0025		
8/31/2022	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
2/28/2023			<0.0025		<0.0025
3/1/2023	<0.0025	<0.0025		<0.0025	
8/3/2023	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/4/2024	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
8/8/2024	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025

Time Series

Constituent: Boron (mg/L) Analysis Run 12/2/2024 12:48 PM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
4/6/2016	<0.08						
4/7/2016			0.0657 (J)	<0.08		<0.08	<0.08
4/8/2016		<0.08			<0.08		
6/14/2016	0.0012 (J)	<0.08	0.12	<0.08	0.00079 (J)		<0.08
6/17/2016						<0.08	
8/9/2016		<0.08	0.22	<0.08	<0.08		<0.08
8/10/2016	<0.08					<0.08	
10/10/2016			0.52	<0.08			
10/11/2016	<0.08	<0.08			<0.08		<0.08
10/14/2016						<0.08	
12/2/2016	<0.08		0.65	<0.08			<0.08
12/5/2016		<0.08			<0.08		
12/19/2016						<0.08	
2/9/2017			0.57				<0.08
2/10/2017	<0.08	<0.08		<0.08	<0.08		
2/13/2017						<0.08	
4/7/2017		<0.08	0.5	<0.08	<0.08	<0.08	<0.08
4/10/2017	<0.08						
6/22/2017			0.48		<0.08	<0.08	<0.08
6/23/2017	<0.08			<0.08			
6/26/2017		<0.08					
10/9/2017	<0.08	<0.08					
10/10/2017			0.79	<0.08	<0.08	<0.08	<0.08
3/22/2018			0.66		<0.08		<0.08
3/23/2018				<0.08		<0.08	
3/26/2018	<0.08	<0.08 (D)					
10/3/2018	<0.08	<0.08	0.89			<0.08	<0.08
10/4/2018				<0.08			
10/5/2018					<0.08		
3/27/2019	<0.08	<0.08	0.74	<0.08	<0.08	<0.08	<0.08
9/12/2019	0.053	<0.08	0.91	<0.08	<0.08	<0.08	<0.08
3/19/2020	<0.08	<0.08	0.86	<0.08		<0.08	<0.08
3/20/2020					<0.08		
9/10/2020	<0.08	<0.08					<0.08
9/11/2020			1	<0.08	<0.08	<0.08	
4/2/2021	<0.08	<0.08	1.1				
4/5/2021				<0.08	<0.08	0.044 (J)	
4/6/2021							<0.08
8/12/2021	<0.08	<0.08	1.1	<0.08		<0.08	<0.08
8/13/2021					<0.08		
2/14/2022	<0.08		0.86	<0.08	<0.08	<0.08	<0.08
2/15/2022		<0.08					
8/26/2022	<0.08	<0.08					
8/30/2022							<0.08
8/31/2022			1.2	<0.08	<0.08	<0.08	
2/28/2023	<0.08	0.19	1.1	0.11	0.034 (J)	0.12	
3/1/2023							<0.08
8/2/2023	<0.08						
8/3/2023		<0.08	1.1	0.027 (J)	<0.08	0.023 (J)	<0.08
2/29/2024	<0.08						
3/4/2024		0.033 (J)	0.98	0.022 (J)	<0.08	<0.08	<0.08
8/6/2024	<0.08						

Time Series

Constituent: Boron (mg/L) Analysis Run 12/2/2024 12:48 PM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
8/8/2024		<0.08	1.2	<0.08	<0.08	<0.08	
8/9/2024							0.022 (J)

Time Series

Constituent: Boron (mg/L) Analysis Run 12/2/2024 12:48 PM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/8/2016					0.824
4/11/2016	<0.08	<0.08	<0.08	<0.08	
6/15/2016	0.0021 (J)	<0.08			
6/16/2016			<0.08	<0.08	0.8 (J)
8/10/2016	<0.08	<0.08	<0.08		
8/11/2016				<0.08	0.97
10/11/2016	<0.08	<0.08			
10/13/2016			<0.08	<0.08	0.94
12/2/2016		<0.08			
12/5/2016	<0.08		<0.08	<0.08	
12/6/2016					1
2/13/2017	<0.08	<0.08	<0.08	<0.08	0.97
4/7/2017		<0.08			
4/10/2017	<0.08		<0.08		
4/11/2017				<0.08	0.88
6/22/2017		<0.08			
6/23/2017	<0.08		<0.08		
6/24/2017				<0.08	0.87
10/10/2017	<0.08	<0.08			
10/11/2017			<0.08	<0.08	1.1
3/23/2018		<0.08			
3/26/2018	<0.08		<0.08	<0.08	0.91
10/4/2018	<0.08	<0.08	<0.08	<0.08	0.92
3/27/2019			<0.08		
3/28/2019	<0.08	<0.08		<0.08	0.97
9/12/2019	<0.08	<0.08	<0.08	<0.08	0.94
3/19/2020	<0.08	<0.08	<0.08	<0.08	1
9/10/2020	<0.08	<0.08			
9/11/2020			<0.08	<0.08	0.97
4/5/2021			<0.08	<0.08	
4/6/2021	<0.08	<0.08			0.97
8/13/2021	<0.08	<0.08	<0.08		0.94
8/17/2021				<0.08	
2/14/2022	<0.08	<0.08		<0.08	1
2/15/2022			<0.08		
8/31/2022	<0.08	<0.08	<0.08	<0.08	1
2/28/2023			0.08		0.91
3/1/2023	0.075 (J)	0.95		<0.08	
8/3/2023	0.025 (J)	<0.08	<0.08	<0.08	0.97
3/4/2024	<0.08	<0.08	0.036 (J)	0.023 (J)	0.97
8/8/2024	<0.08	<0.08	<0.08	0.023 (J)	1.2

Time Series

Constituent: Cadmium, Total (mg/L) Analysis Run 12/2/2024 12:48 PM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			<0.0025	<0.0025	<0.0025		
12/21/2010						<0.0025	<0.0025
12/22/2010	<0.0025	<0.0025					
2/1/2011				<0.0025	<0.0025		
2/14/2011	<0.0025	<0.0025	<0.0025			<0.0025	<0.0025
3/21/2011			<0.0025	<0.0025			<0.0025
3/22/2011	<0.0025	<0.0025					
3/23/2011					<0.0025	<0.0025	
4/26/2011	<0.0025	<0.0025	<0.0025	<0.0025			<0.0025
4/27/2011					<0.0025	<0.0025	
10/25/2011						<0.0025	
10/26/2011			<0.0025		<0.0025		<0.0025
10/27/2011	<0.0025	<0.0025		<0.0025			
5/1/2012	<0.0025	<0.0025	<0.0025		<0.0025	<0.0025	
5/2/2012				<0.0025			<0.0025
11/8/2012	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
5/7/2013	<0.0025	<0.0025		<0.0025	<0.0025	<0.0025	
5/8/2013			<0.0025				<0.0025
11/4/2013	<0.0025	<0.0025	<0.0025	<0.0025			
11/5/2013					<0.0025	<0.0025	<0.0025
5/23/2014					<0.0025	<0.0025	<0.0025
5/24/2014	<0.0025	<0.0025	<0.0025	<0.0025			
11/7/2014			<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
11/8/2014	<0.0025	<0.0025					
5/20/2015			<0.0025	<0.0025			
5/21/2015	<0.0025	<0.0025			<0.0025	<0.0025	<0.0025
11/12/2015					<0.0025	<0.0025	<0.0025
11/13/2015	<0.0025	<0.0025	<0.0025	<0.0025			
4/6/2016	<0.0025						
4/7/2016			<0.0025	<0.0025		<0.0025	<0.0025
4/8/2016		<0.0025			<0.0025		
6/14/2016	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025		<0.0025
6/17/2016						<0.0025	
8/9/2016		<0.0025	<0.0025	<0.0025	<0.0025		<0.0025
8/10/2016	<0.0025					<0.0025	
10/10/2016			<0.0025	<0.0025			
10/11/2016	<0.0025	<0.0025			<0.0025		<0.0025
10/14/2016						<0.0025	
12/2/2016	<0.0025		<0.0025	<0.0025			<0.0025
12/5/2016		<0.0025			<0.0025		
12/19/2016						<0.0025	
2/9/2017			<0.0025				<0.0025
2/10/2017	<0.0025	<0.0025		<0.0025	<0.0025		
2/13/2017						<0.0025	
4/7/2017		<0.0025	<0.0025	<0.0025	0.0016	<0.0025	<0.0025
4/10/2017	<0.0025						
6/22/2017			<0.0025		<0.0025	<0.0025	<0.0025
6/23/2017	<0.0025			<0.0025			
6/26/2017		<0.0025					
10/9/2017	<0.0025	<0.0025					
10/10/2017			<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/22/2018			<0.0025 (D)		<0.0025		<0.0025

Time Series

Constituent: Cadmium, Total (mg/L) Analysis Run 12/2/2024 12:48 PM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
3/23/2018				<0.0025		<0.0025	
3/26/2018	<0.0025	<0.0025 (D)					
10/3/2018	<0.0025	<0.0025	<0.0025			<0.0025	<0.0025
10/4/2018				<0.0025			
10/5/2018					<0.0025		
3/27/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
9/12/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/19/2020	<0.0025	<0.0025	<0.0025	<0.0025		<0.0025	<0.0025
3/20/2020					<0.0025		
9/10/2020	<0.0025	<0.0025					<0.0025
9/11/2020			<0.0025	<0.0025	<0.0025	<0.0025	
4/2/2021	<0.0025	<0.0025	<0.0025				
4/5/2021				<0.0025	<0.0025	<0.0025	
4/6/2021							<0.0025
8/12/2021	<0.0025	<0.0025	<0.0025	<0.0025		<0.0025	<0.0025
8/13/2021					<0.0025		
2/14/2022	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
2/15/2022		<0.0025					
8/26/2022	<0.0025	<0.0025					
8/30/2022							<0.0025
8/31/2022			<0.0025	<0.0025	<0.0025	<0.0025	
2/28/2023	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	
3/1/2023							<0.0025
8/2/2023	<0.0025						
8/3/2023		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
2/29/2024	<0.0025						
3/4/2024		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
8/6/2024	<0.0025						
8/8/2024		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	
8/9/2024							<0.0025

Time Series

Constituent: Cadmium, Total (mg/L) Analysis Run 12/2/2024 12:48 PM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					<0.0025
12/21/2010				<0.0025	
12/22/2010	<0.0025	<0.0025	<0.0025		
2/14/2011					<0.0025
2/15/2011	<0.0025	<0.0025	<0.0025	<0.0025	
3/21/2011				<0.0025	<0.0025
3/22/2011	<0.0025	<0.0025	<0.0025		
4/27/2011	<0.0025	<0.0025	<0.0025		<0.0025
4/28/2011				<0.0025	
10/26/2011	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
5/1/2012				<0.0025	<0.0025
5/2/2012	<0.0025	<0.0025	<0.0025		
11/8/2012	<0.0025	<0.0025	<0.0025		
11/9/2012				<0.0025	<0.0025
5/8/2013	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
11/4/2013	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
5/24/2014	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
11/7/2014	<0.0025		<0.0025	<0.0025	<0.0025
11/8/2014		<0.0025			
5/20/2015					<0.0025
5/22/2015	<0.0025	<0.0025	<0.0025	<0.0025	
11/13/2015	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
4/8/2016					<0.0025
4/11/2016	<0.0025	<0.0025	<0.0025	<0.0025	
6/15/2016	<0.0025	7.4E-05 (J)			
6/16/2016			<0.0025	<0.0025	<0.0025
8/10/2016	<0.0025	<0.0025	<0.0025		
8/11/2016				<0.0025	<0.0025
10/11/2016	<0.0025	<0.0025			
10/13/2016			<0.0025	<0.0025	<0.0025
12/2/2016		<0.0025			
12/5/2016	<0.0025		<0.0025	<0.0025	
12/6/2016					<0.0025
2/13/2017	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
4/7/2017		<0.0025			
4/10/2017	<0.0025		<0.0025		
4/11/2017				<0.0025	<0.0025
6/22/2017		<0.0025			
6/23/2017	<0.0025		<0.0025		
6/24/2017				<0.0025	<0.0025
10/10/2017	<0.0025	<0.0025			
10/11/2017			<0.0025	<0.0025	<0.0025
3/23/2018		<0.0025			
3/26/2018	<0.0025		<0.0025	<0.0025	<0.0025
10/4/2018	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/27/2019			<0.0025		
3/28/2019	<0.0025	<0.0025		<0.0025	<0.0025
9/12/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/19/2020	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
9/10/2020	<0.0025	<0.0025			
9/11/2020			<0.0025	<0.0025	<0.0025
4/5/2021			<0.0025	<0.0025	

Time Series

Constituent: Cadmium, Total (mg/L) Analysis Run 12/2/2024 12:48 PM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/6/2021	<0.0025	<0.0025			<0.0025
8/13/2021	<0.0025	<0.0025	<0.0025		<0.0025
8/17/2021				<0.0025	
2/14/2022	<0.0025	<0.0025		<0.0025	<0.0025
2/15/2022			<0.0025		
8/31/2022	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
2/28/2023			<0.0025		<0.0025
3/1/2023	<0.0025	<0.0025		<0.0025	
8/3/2023	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/4/2024	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
8/8/2024	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025

Time Series

Constituent: Calcium (mg/L) Analysis Run 12/2/2024 12:48 PM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
4/6/2016	9.27						
4/7/2016			38.4	6.57		12.6	15.3
4/8/2016		8.6			10.7		
6/14/2016	8.2	6.8	32.9	5.5	11.3		14.2
6/17/2016						12.4	
8/9/2016		6.2	29	4.6	9.6		13
8/10/2016	6.9					11	
10/10/2016			33	5.3			
10/11/2016	7.6	6.2			11		14
10/14/2016						13	
12/2/2016	7.4		33	5.1			13
12/5/2016		5.5			10		
12/19/2016						11	
2/9/2017			42				14
2/10/2017	11	7.8		5.8	11		
2/13/2017						13	
4/7/2017		7.3	35	5.2	10	12	14
4/10/2017	9.7						
6/22/2017			38		11	13	14
6/23/2017	9.2			5.7			
6/26/2017		6.8					
10/9/2017	9.4	5.8					
10/10/2017			40	5.8	11	13	15
3/22/2018			39 (D)		11		14
3/23/2018				6.6		13	
3/26/2018	9.3	8.7					
10/3/2018	7.8	6.1	41			12	14
10/4/2018				5.4			
10/5/2018					11		
3/27/2019	9.5	7.1	39	6.1	11	13	15
9/12/2019	8.8	6.1	36	5.7	12	13	14
3/19/2020	11	9.7	45	6.7		14	15
3/20/2020					12		
9/10/2020	8.2	5.9					14
9/11/2020			30	5.5	11	12	
4/2/2021	9.2	9	29				
4/5/2021				7	13	13	
4/6/2021							16
8/12/2021	7.2	6	26	6.1		12	14
8/13/2021					11		
2/14/2022	8		26	5.9	11	11	13
2/15/2022		9.6					
8/26/2022	6.8	7.8					
8/30/2022							14
8/31/2022			23	5.7	12	12	
2/28/2023	8.1	11	23	6.6	13	13	
3/1/2023							15
8/2/2023	6.4						
8/3/2023		9.6	23	6.4	13	12	15
2/29/2024	6.7						
3/4/2024		11	25	6.8	15	13	14
8/6/2024	6						

Time Series

Constituent: Calcium (mg/L) Analysis Run 12/2/2024 12:48 PM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
8/8/2024		7.8	20	6.9	17	13	
8/9/2024							16

Time Series

Constituent: Calcium (mg/L) Analysis Run 12/2/2024 12:48 PM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/8/2016					17.5
4/11/2016	9.7	7.04	6.9	12.8	
6/15/2016	9.5	7.4			
6/16/2016			7.6	14.3	18.4
8/10/2016	8.5	6.7	5.7		
8/11/2016				11	13
10/11/2016	9.3	6.9			
10/13/2016			6.7	13	15
12/2/2016		6.5			
12/5/2016	9		6.4	12	
12/6/2016					15
2/13/2017	9.2	7.9	6.2	13	16
4/7/2017		6.5			
4/10/2017	9.2		6.2		
4/11/2017				13	17
6/22/2017		6.8			
6/23/2017	9.8		6.6		
6/24/2017				13	17
10/10/2017	10	7.3			
10/11/2017			6.9	15	19
3/23/2018		7.5			
3/26/2018	11		7	15	19
10/4/2018	10	6.7	6.4	14	17
3/27/2019			7		
3/28/2019	11	7.2		15	18
9/12/2019	12	7.5	7.1	17	18
3/19/2020	16	7.9	7.1	19	19
9/10/2020	15	7.5			
9/11/2020			7	18	19
4/5/2021			8	21	
4/6/2021	17	7.7			19
8/13/2021	15	7.2	7		17
8/17/2021				22	
2/14/2022	16	6.5		18	16
2/15/2022			6.4		
8/31/2022	17	7.1	7.2	21	17
2/28/2023			7.6		18
3/1/2023	19	20		25	
8/3/2023	18	8	8.2	24	18
3/4/2024	18	7.9	8.1	28	19
8/8/2024	19	7.6	9	30	22

Time Series

Constituent: Chloride (mg/L) Analysis Run 12/2/2024 12:48 PM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
4/6/2016	3.034						
4/7/2016			8.05	2.914		1.842	2.285
4/8/2016		2.1			1.57		
6/14/2016	3.1	4.2	9.3	3.1	1.7		2.3
6/17/2016						1.9	
8/9/2016		5	10	3.2	1.5		2.3
8/10/2016	2.7					1.8	
10/10/2016			10	3			
10/11/2016	2.7	3.8			1.6		2.1
10/14/2016						1.7	
12/2/2016	2.5		10	3			2
12/5/2016		3.6			1.5		
12/19/2016						2.7 (O)	
2/9/2017			9.4				2.1
2/10/2017	3.4	2.2		2.7	1.5		
2/13/2017						1.8	
4/7/2017		2.2	9.9	2.9	1.4	1.7	2
4/10/2017	3.6						
6/22/2017			9.7		1.4	1.7	2
6/23/2017	3.2			3.3			
6/26/2017		3.4					
10/9/2017	3.5	3.4					
10/10/2017			9.8	3.5	1.4	1.6	2
3/22/2018			9.7 (D)		1.3		1.9
3/23/2018				3.6		1.6	
3/26/2018	3.8	1.9 (D)					
10/3/2018	4	2.9	10			1.6	2
10/4/2018				3.9			
10/5/2018					1.4		
3/27/2019	2.9	2	9.6	3.7	1.2	1.5	1.9
9/12/2019	3.4	2.5	10	4.3	1.4	1.7	1.9
3/19/2020	3.9	2.2	9.9	4.5		1.9	2.2
3/20/2020					1.7		
9/10/2020	3.7	2.5					2.1
9/11/2020			12	4.7	1.6	1.8	
4/2/2021	3.7	1.8	13				
4/5/2021				5.3	1.8	2	
4/6/2021							2.1
8/12/2021	4.1	2.7	13	5.5		1.8	2.2
8/13/2021					1.8		
2/14/2022	4		10	5	1.5	1.8	2
2/15/2022		1.8					
8/26/2022	3.6	2					
8/30/2022							2.2
8/31/2022			13	5.1	1.5	1.6	
2/28/2023	3.6	1.8	13	5.2	1.7	1.8	
3/1/2023							2.1
8/2/2023	3.4						
8/3/2023		1.8	13	5.2	1.6	1.7	1.9
2/29/2024	3.7						
3/4/2024		1.8	14	5.4	1.8	1.8	2
8/6/2024	3.2						

Time Series

Constituent: Chloride (mg/L) Analysis Run 12/2/2024 12:48 PM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
8/8/2024		1.9	27	5.5	1.7	1.8	
8/9/2024							2
11/7/2024			13 (R)				

Time Series

Constituent: Chloride (mg/L) Analysis Run 12/2/2024 12:48 PM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/8/2016					10.065
4/11/2016	1.57 (O)	2.09	2.09 (O)	<0.25 (O)	
6/15/2016	3.9	2.1			
6/16/2016			6.3	7.4	9.4
8/10/2016	4	2	6.9		
8/11/2016				8.3	10
10/11/2016	3.7	1.9			
10/13/2016			6.5	7.8	9.9
12/2/2016		1.9			
12/5/2016	3.6		6.6	8.1	
12/6/2016					10
2/13/2017	3.4	1.9	6.7	8	10
4/7/2017		2			
4/10/2017	3.5		6.7		
4/11/2017				7.6	10
6/22/2017		1.9			
6/23/2017	3.4		6.6		
6/24/2017				8.3	10
10/10/2017	3.3	1.9			
10/11/2017			6.5	7.9	10
3/23/2018		1.9			
3/26/2018	3.1		6.6	7.8	11
10/4/2018	3.1	1.9	6.9	8.1	12
3/27/2019			7		
3/28/2019	2.8	1.8		7.5	12
9/12/2019	3	1.8	6.8	7.7	11
3/19/2020	3.4	2.1	7.3	8.2	13
9/10/2020	3.3	2.1			
9/11/2020			7.7	7.9	12
4/5/2021			7.8	8.2	
4/6/2021	3.3	1.9			13
8/13/2021	3.7	2.1	8		13
8/17/2021				8.3	
2/14/2022	3.8	1.9		7.6	12
2/15/2022			7.6		
8/31/2022	3.5	1.6	7.7	7.6	13
2/28/2023			7.9		13
3/1/2023	3.9	14		8	
5/2/2023		1.7 (R)			
8/3/2023	3.3	1.6	7.8	7.6	14
10/4/2023					15 (R)
3/4/2024	3.4	1.9	8.4	8.1	15
5/20/2024					13 (R)
8/8/2024	3.2	1.8	8	4.3 (J)	29
11/7/2024					14 (R)

Time Series

Constituent: Chromium, Total (mg/L) Analysis Run 12/2/2024 12:48 PM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			<0.002	0.0036 (J)	0.0064		
12/21/2010						0.0094	0.0073
12/22/2010	0.0052	0.0029 (J)					
2/1/2011				0.0037 (J)	0.015		
2/14/2011	0.0057	0.0027 (J)	<0.002			0.028	0.0051
3/21/2011			<0.002	0.004 (J)			0.0067
3/22/2011	0.0055	0.0049 (J)					
3/23/2011					0.0084	0.0042 (J)	
4/26/2011	0.0069	0.0048 (J)	<0.002	0.0037 (J)			0.0065
4/27/2011					0.011	<0.01	
10/25/2011						0.0062	
10/26/2011			<0.002		0.0061		0.0068
10/27/2011	0.011	0.0023 (J)		0.0047 (J)			
5/1/2012	0.0056	0.0051	<0.002		0.0072	0.011	
5/2/2012				0.005 (J)			0.011
11/8/2012	<0.01	0.0034 (J)	<0.002	0.0081	0.015	0.0089	0.0052
5/7/2013	0.0036 (J)	0.0078		0.0035 (J)	0.044	0.019	
5/8/2013			<0.002				0.0059
11/4/2013	0.0032 (J)	0.0055 (J)	<0.002	0.0056 (J)			
11/5/2013					0.023	0.0057 (J)	0.0044 (J)
5/23/2014					0.022	0.0084 (J)	0.0087 (J)
5/24/2014	0.0043 (J)	0.0075 (J)	<0.002	0.005 (J)			
11/7/2014			<0.002	0.004 (J)	0.013	0.011	0.0048 (J)
11/8/2014	<0.01	0.0048 (J)					
5/20/2015			0.0025 (O)	0.0062 (J)			
5/21/2015	0.002 (J)	0.0082 (J)			0.029	0.013	0.006 (J)
11/12/2015					0.045	0.015	0.007 (J)
11/13/2015	<0.01	0.0079 (J)	0.0042 (O)	0.0067 (J)			
4/6/2016	0.00278 (J)						
4/7/2016			<0.002	0.00467 (J)		0.00498 (J)	0.0056 (J)
4/8/2016		<0.01			<0.01		
6/14/2016	<0.01	<0.01	<0.002	<0.01	<0.01		<0.01
6/17/2016						<0.01	
8/9/2016		0.0079	<0.002	0.0041	0.008		0.0053
8/10/2016	0.0019 (J)					0.0047	
10/10/2016			<0.002	0.0041			
10/11/2016	0.0024 (J)	0.0069			0.0079		0.0058
10/14/2016						0.0056	
12/2/2016	0.0023 (J)		<0.002	0.0039			0.0071
12/5/2016		0.0077			0.0057		
12/19/2016						0.0039	
2/9/2017			<0.002				0.0051
2/10/2017	0.0021 (J)	0.0098		0.0044	0.0062		
2/13/2017						0.0059	
4/7/2017		0.0081	<0.002	0.0046	0.0072	0.0051	0.006
4/10/2017	0.002 (J)						
6/22/2017			<0.002		0.0074	0.005	0.0056
6/23/2017	0.0018 (J)			0.005			
6/26/2017		0.0084					
10/9/2017	0.0016 (J)	0.0082					
10/10/2017			<0.002	0.0088	0.0072	0.005	0.0073
3/22/2018			<0.002 (D)		0.0074		0.0051

Time Series

Constituent: Chromium, Total (mg/L) Analysis Run 12/2/2024 12:48 PM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
3/23/2018				0.0045		0.005	
3/26/2018	0.0011 (J)	0.0088					
10/3/2018	0.0014 (J)	0.0086	<0.002			0.0051	0.0052
10/4/2018				0.0047			
10/5/2018					0.0083		
3/27/2019	0.003	0.0078	<0.002	0.0048	0.0081	0.0051	0.0056
9/12/2019	0.0047	0.0092	<0.002	0.0051	0.0088	0.0085	0.0075
3/19/2020	0.0026	0.011	<0.002	0.0043		0.0063	0.0055
3/20/2020					0.0085		
9/10/2020	0.0019 (J)	0.0077					0.0063
9/11/2020			<0.002	0.0042	0.0081	0.0053	
4/2/2021	0.0029	0.01	<0.002				
4/5/2021				0.0041	0.0084	0.0061	
4/6/2021							0.0055
8/12/2021	0.0016 (J)	0.008	<0.002	0.0045		0.0058	0.0096
8/13/2021					0.0082		
2/14/2022	0.0026		<0.002	0.0047	0.0086	0.0058	0.0076
2/15/2022		0.013					
8/26/2022	0.0016 (J)	0.0078					
8/30/2022							0.0064
8/31/2022			<0.002	0.0048	0.0084	0.0059	
2/28/2023	0.0024	0.01	<0.002	0.0047	0.0084	0.0058	
3/1/2023							0.0057
8/2/2023	0.0028						
8/3/2023		0.0089	0.0012 (J)	0.0053	0.0092	0.0056	0.0065
2/29/2024	0.0021						
3/4/2024		0.011	0.0016 (J)	0.0048	0.01	0.0063	0.006
8/6/2024	0.0021						
8/8/2024		0.013	<0.002	0.006	0.012	0.0061	
8/9/2024							0.0059

Time Series

Constituent: Chromium, Total (mg/L) Analysis Run 12/2/2024 12:48 PM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					<0.002
12/21/2010				0.01	
12/22/2010	0.0026 (J)	0.0034 (J)	0.0036 (J)		
2/14/2011					<0.002
2/15/2011	<0.002	0.0034 (J)	0.0038 (J)	0.0087	
3/21/2011				0.0083	<0.002
3/22/2011	<0.002	0.0037 (J)	0.0022 (J)		
4/27/2011	<0.002	0.0038 (J)	0.0042 (J)		<0.002
4/28/2011				0.0076	
10/26/2011	<0.002	0.0039 (J)	0.0042 (J)	0.0078	0.0033 (J)
5/1/2012				0.0049 (J)	0.0025 (J)
5/2/2012	<0.002	0.0044 (J)	0.0037 (J)		
11/8/2012	<0.002	0.0026 (J)	<0.01		
11/9/2012				0.0066	<0.002
5/8/2013	<0.002	0.0038 (J)	0.0032 (J)	0.0082	<0.002
11/4/2013	0.0027 (J)	0.0063 (J)	0.0063 (J)	0.013	0.0035 (J)
5/24/2014	0.0027 (J)	0.0061 (J)	0.003 (J)	0.012	0.0027 (J)
11/7/2014	<0.002		<0.01	0.0084 (J)	<0.002
11/8/2014		<0.002			
5/20/2015					0.0021 (J)
5/22/2015	0.0034 (J)	0.0037 (J)	0.0023 (J)	0.0096 (J)	
11/13/2015	0.0038 (J)	0.0055 (J)	0.0042 (J)	0.011	0.0041 (J)
4/8/2016					<0.002
4/11/2016	<0.002	0.00479 (J)	0.00309 (J)	0.0101	
6/15/2016	<0.002	<0.002			
6/16/2016			<0.01	<0.01	<0.002
8/10/2016	0.0014 (J)	0.0047	0.0023 (J)		
8/11/2016				0.0097	0.0013 (J)
10/11/2016	0.0017 (J)	0.0048			
10/13/2016			0.0028	0.012	0.0018 (J)
12/2/2016		0.0043			
12/5/2016	0.0014 (J)		0.0032	0.012	
12/6/2016					0.0014 (J)
2/13/2017	0.0016 (J)	0.0047	0.0021 (J)	0.011	0.0021 (J)
4/7/2017		0.0044			
4/10/2017	0.0014 (J)		0.0022 (J)		
4/11/2017				0.011	0.0012 (J)
6/22/2017		0.0045			
6/23/2017	0.0014 (J)		0.0025		
6/24/2017				0.0095	0.0017 (J)
10/10/2017	0.0039	0.005			
10/11/2017			0.0027	0.0096	0.0013 (J)
3/23/2018		0.0042			
3/26/2018	0.0013 (J)		0.0028	0.012	0.0014 (J)
10/4/2018	0.0014 (J)	0.005	0.0041	0.016	<0.002
3/27/2019			0.0044		
3/28/2019	0.0012 (J)	0.0043		0.019	<0.002
9/12/2019	0.0021 (J)	0.006	0.0043	0.027	0.002 (J)
3/19/2020	<0.002	0.0047	0.0032	0.029	<0.002
9/10/2020	<0.002	0.0047			
9/11/2020			0.0041	0.028	0.0023
4/5/2021			0.0054	0.031	

Time Series

Constituent: Chromium, Total (mg/L) Analysis Run 12/2/2024 12:48 PM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/6/2021	<0.002	0.0044			<0.002
8/13/2021	<0.002	0.0089	0.0087		0.0019 (J)
8/17/2021				0.034	
2/14/2022	<0.002	0.0046		0.036	0.0018 (J)
2/15/2022			0.0054		
8/31/2022	<0.002	0.004	0.0047	0.038	0.002
2/28/2023			0.0047		0.003
3/1/2023	<0.002	<0.002		0.038	
8/3/2023	<0.002	0.0042	0.0063	0.035	<0.002
3/4/2024	0.0012 (J)	0.0042	0.0064	0.033	0.0013 (J)
8/8/2024	0.0012 (J)	0.0037	0.0064	0.033	<0.002

Time Series

Constituent: Cobalt, Total (mg/L) Analysis Run 12/2/2024 12:48 PM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			0.012	<0.0025	0.0033 (O)		
12/21/2010						<0.0025	<0.0025
12/22/2010	<0.0025	0.0038 (O)					
2/1/2011				<0.0025	<0.0025		
2/14/2011	<0.0025	<0.0025	0.0093 (J)			<0.0025	<0.0025
3/21/2011			0.0076 (J)	<0.0025			<0.0025
3/22/2011	<0.0025	<0.0025					
3/23/2011					<0.0025	<0.0025	
4/26/2011	<0.0025	<0.0025	0.0058 (J)	<0.0025			<0.0025
4/27/2011					<0.0025	<0.0025	
10/25/2011						<0.0025	
10/26/2011			0.005 (J)		<0.0025		<0.0025
10/27/2011	<0.0025	<0.0025		<0.0025			
5/1/2012	<0.0025	<0.0025	0.0032 (J)		<0.0025	0.0039 (O)	
5/2/2012				<0.0025			<0.0025
11/8/2012	<0.0025	<0.0025	0.0034 (J)	<0.0025	<0.0025	<0.0025	<0.0025
5/7/2013	<0.0025	<0.0025		<0.0025	<0.0025	<0.0025	
5/8/2013			<0.01				<0.0025
11/4/2013	<0.0025	<0.0025	<0.01	<0.0025			
11/5/2013					<0.0025	<0.0025	<0.0025
5/23/2014					0.0048 (O)	<0.0025	<0.0025
5/24/2014	<0.0025	<0.0025	<0.01	<0.0025			
11/7/2014			<0.01	<0.0025	<0.0025	<0.0025	<0.0025
11/8/2014	<0.0025	<0.0025					
5/20/2015			<0.01	<0.0025			
5/21/2015	<0.0025	<0.0025			<0.0025	<0.0025	<0.0025
11/12/2015					<0.0025	<0.0025	<0.0025
11/13/2015	<0.0025	<0.0025	<0.01	<0.0025			
4/6/2016	<0.0025						
4/7/2016			<0.01	<0.0025		<0.0025	<0.0025
4/8/2016		<0.0025			<0.0025		
6/14/2016	6.6E-05 (J)	0.00042 (J)	0.0031 (J)	3.8E-05 (J)	4.2E-05 (J)		<0.0025
6/17/2016						0.00017 (J)	
8/9/2016		0.00068 (J)	0.0023 (J)	<0.0025	<0.0025		<0.0025
8/10/2016	<0.0025					<0.0025	
10/10/2016			0.0024 (J)	<0.0025			
10/11/2016	0.00047 (J)	<0.0025			0.00052 (J)		<0.0025
10/14/2016						<0.0025	
12/2/2016	0.0014 (J)		0.0021 (J)	<0.0025			0.0004 (J)
12/5/2016		0.0012 (J)			<0.0025		
12/19/2016						<0.0025	
2/9/2017			0.00096 (J)				<0.0025
2/10/2017	0.00052 (J)	0.0013 (J)		<0.0025	<0.0025		
2/13/2017						<0.0025	
4/7/2017		<0.0025	0.0034	<0.0025	<0.0025	<0.0025	<0.0025
4/10/2017	<0.0025						
6/22/2017			0.0029		<0.0025	<0.0025	<0.0025
6/23/2017	<0.0025			<0.0025			
6/26/2017		0.00073 (J)					
10/9/2017	0.00053 (J)	<0.0025					
10/10/2017			0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/22/2018			0.0015 (JD)		<0.0025		<0.0025

Time Series

Constituent: Cobalt, Total (mg/L) Analysis Run 12/2/2024 12:48 PM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
3/23/2018				<0.0025		<0.0025	
3/26/2018	0.00088 (J)	<0.0025 (D)					
10/3/2018	0.0014 (J)	<0.0025	0.0018 (J)			<0.0025	<0.0025
10/4/2018				<0.0025			
10/5/2018					<0.0025		
3/27/2019	<0.0025	<0.0025	0.00083 (J)	<0.0025	<0.0025	<0.0025	<0.0025
9/12/2019	0.0004 (J)	<0.0025	0.0018 (J)	9.5E-05 (J)	0.00011 (J)	<0.0025	0.00017 (J)
3/19/2020	0.00015 (J)	<0.0025	0.0005 (J)	0.00025 (J)		0.00029 (J)	<0.0025
3/20/2020					<0.0025		
9/10/2020	0.00019 (J)	0.00014 (J)					0.0002 (J)
9/11/2020			0.0035	<0.0025	<0.0025	<0.0025	
4/2/2021	0.00016 (J)	0.00026 (J)	0.002 (J)				
4/5/2021				<0.0025	0.00017 (J)	0.00019 (J)	
4/6/2021							<0.0025
8/12/2021	0.00028 (J)	0.00015 (J)	0.0024 (J)	<0.0025		<0.0025	0.00072 (J)
8/13/2021					<0.0025		
2/14/2022	<0.0025		0.00059 (J)	<0.0025	<0.0025	<0.0025	0.00039 (J)
2/15/2022		0.00054 (J)					
8/26/2022	<0.0025	<0.0025					
8/30/2022							<0.0025
8/31/2022			0.0012 (J)	<0.0025	<0.0025	<0.0025	
2/28/2023	<0.0025	<0.0025	0.00097 (J)	<0.0025	<0.0025	<0.0025	
3/1/2023							<0.0025
8/2/2023	<0.0025						
8/3/2023		<0.0025	0.0011 (J)	<0.0025	<0.0025	<0.0025	<0.0025
2/29/2024	<0.0025						
3/4/2024		<0.0025	0.0004 (J)	<0.0025	<0.0025	<0.0025	<0.0025
8/6/2024	0.00056 (J)						
8/8/2024		<0.0025	0.0012 (J)	<0.0025	<0.0025	<0.0025	
8/9/2024							<0.0025

Time Series

Constituent: Cobalt, Total (mg/L) Analysis Run 12/2/2024 12:48 PM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					0.0051 (J)
12/21/2010				<0.0025	
12/22/2010	<0.0025	<0.0025	<0.0025		
2/14/2011					0.0038 (J)
2/15/2011	<0.0025	<0.0025	<0.0025	<0.0025	
3/21/2011				<0.0025	0.0037 (J)
3/22/2011	<0.0025	<0.0025	<0.0025		
4/27/2011	<0.0025	<0.0025	<0.0025		<0.01
4/28/2011				<0.0025	
10/26/2011	<0.0025	<0.0025	<0.0025	<0.0025	0.0046 (J)
5/1/2012				<0.0025	0.0043 (J)
5/2/2012	<0.0025	<0.0025	<0.0025		
11/8/2012	<0.0025	<0.0025	<0.0025		
11/9/2012				<0.0025	0.007 (J)
5/8/2013	<0.0025	<0.0025	<0.0025	<0.0025	0.0047 (J)
11/4/2013	<0.0025	<0.0025	<0.0025	<0.0025	0.0096 (J)
5/24/2014	<0.0025	<0.0025	<0.0025	<0.0025	0.0097 (J)
11/7/2014	<0.0025		<0.0025	<0.0025	0.012
11/8/2014		<0.0025			
5/20/2015					0.011
5/22/2015	<0.0025	<0.0025	<0.0025	<0.0025	
11/13/2015	<0.0025	<0.0025	<0.0025	<0.0025	0.013
4/8/2016					<0.01
4/11/2016	<0.0025	<0.0025	<0.0025	<0.0025	
6/15/2016	<0.0025	<0.0025			
6/16/2016			<0.0025	<0.0025	0.0062 (J)
8/10/2016	<0.0025	<0.0025	<0.0025		
8/11/2016				<0.0025	0.0092
10/11/2016	<0.0025	<0.0025			
10/13/2016			<0.0025	<0.0025	0.0045
12/2/2016		<0.0025			
12/5/2016	<0.0025		<0.0025	<0.0025	
12/6/2016					0.0043
2/13/2017	<0.0025	<0.0025	<0.0025	<0.0025	0.011
4/7/2017		<0.0025			
4/10/2017	<0.0025		<0.0025		
4/11/2017				<0.0025	0.012
6/22/2017		<0.0025			
6/23/2017	<0.0025		<0.0025		
6/24/2017				<0.0025	0.011
10/10/2017	<0.0025	<0.0025			
10/11/2017			<0.0025	<0.0025	0.016
3/23/2018		<0.0025			
3/26/2018	<0.0025		<0.0025	<0.0025	0.0069
10/4/2018	<0.0025	<0.0025	<0.0025	<0.0025	0.016
3/27/2019			<0.0025		
3/28/2019	<0.0025	<0.0025		<0.0025	0.011
9/12/2019	<0.0025	<0.0025	0.00012 (J)	<0.0025	0.011
3/19/2020	<0.0025	<0.0025	<0.0025	<0.0025	0.0083
9/10/2020	<0.0025	<0.0025			
9/11/2020			<0.0025	<0.0025	0.002 (J)
4/5/2021			0.0002 (J)	<0.0025	

Time Series

Constituent: Cobalt, Total (mg/L) Analysis Run 12/2/2024 12:48 PM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/6/2021	<0.0025	<0.0025			0.0062
8/13/2021	0.00015 (J)	0.00074 (J)	0.00059 (J)		0.015
8/17/2021				<0.0025	
2/14/2022	<0.0025	<0.0025		<0.0025	0.011
2/15/2022			<0.0025		
8/31/2022	<0.0025	<0.0025	<0.0025	<0.0025	0.014
2/28/2023			<0.0025		0.0038
3/1/2023	<0.0025	0.01		<0.0025	
8/3/2023	<0.0025	<0.0025	<0.0025	<0.0025	0.013
3/4/2024	<0.0025	<0.0025	<0.0025	<0.0025	0.0067
8/8/2024	<0.0025	<0.0025	<0.0025	<0.0025	0.01

Time Series

Constituent: Copper, Total (mg/L) Analysis Run 12/2/2024 12:48 PM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			0.0021 (J)	<0.002	0.0065 (J)		
12/21/2010						0.0084 (J)	<0.002
12/22/2010	<0.002	<0.002					
2/1/2011				<0.002	0.018		
2/14/2011	<0.002	<0.002	<0.002			0.013 (O)	<0.002
3/21/2011			<0.002	<0.002			<0.002
3/22/2011	<0.002	<0.002					
3/23/2011					0.022	0.0061 (J)	
4/26/2011	<0.002	<0.002	<0.002	<0.002			<0.002
4/27/2011					0.02	<0.002	
10/25/2011						<0.002	
10/26/2011			<0.002		0.0025 (J)		<0.002
10/27/2011	<0.002	<0.002		<0.002			
5/1/2012	<0.002	<0.002	<0.002		0.0022 (J)	0.0027 (J)	
5/2/2012				<0.002			<0.002
11/8/2012	<0.002	<0.002	0.0034 (J)	0.021 (O)	0.015	<0.002	<0.002
5/7/2013	<0.002	<0.002		<0.002	0.02	0.0039 (J)	
5/8/2013			<0.002				<0.002
11/4/2013	<0.002	<0.002	<0.002	<0.002			
11/5/2013					0.014	<0.002	<0.002
5/23/2014					0.06 (O)	0.0029 (J)	<0.002
5/24/2014	<0.002	<0.002	<0.002	<0.002			
11/7/2014			0.002 (J)	<0.002	0.0032 (J)	<0.002	<0.002
11/8/2014	<0.002	<0.002					
5/20/2015			0.0024 (J)	<0.002			
5/21/2015	0.0028 (O)	0.003 (J)			0.017 (JV)	0.0031 (J)	<0.002
11/12/2015					0.01 (J)	<0.002	<0.002
11/13/2015	<0.002	0.078 (O)	<0.002	<0.002			
4/6/2016	<0.002						
4/7/2016			<0.002	<0.002		<0.002	<0.002
4/8/2016		<0.002			<0.002		
10/10/2016			<0.002	<0.002			
10/11/2016	<0.002	<0.002			0.0051		<0.002
10/14/2016						0.0024 (J)	
4/7/2017		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
4/10/2017	<0.002						
10/9/2017	<0.002	<0.002					
10/10/2017			<0.002	<0.002	<0.002	<0.002	<0.002
3/22/2018			<0.002 (D)		<0.002		<0.002
3/23/2018				<0.002		<0.002	
3/26/2018	<0.002	<0.002 (D)					
10/3/2018	<0.002	<0.002	<0.002			<0.002	<0.002
10/4/2018				<0.002			
10/5/2018					<0.002		
3/27/2019	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
9/12/2019	<0.002	<0.002	<0.002	<0.002	<0.002	0.00083 (J)	<0.002
3/19/2020	<0.002	<0.002	0.00072 (J)	<0.002		0.0022	<0.002
3/20/2020					0.0011 (J)		
9/10/2020	0.0023	<0.002					<0.002
9/11/2020			0.002	<0.002	<0.002	<0.002	
4/2/2021	<0.002	<0.002	<0.002				
4/5/2021				<0.002	0.0019 (J)	0.00093 (J)	

Time Series

Constituent: Copper, Total (mg/L) Analysis Run 12/2/2024 12:48 PM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
4/6/2021							<0.002
8/12/2021	0.00066 (J)	<0.002	<0.002	<0.002		<0.002	0.0031
8/13/2021					<0.002		
2/14/2022	<0.002		<0.002	<0.002	<0.002	<0.002	0.0014 (J)
2/15/2022		0.0015 (J)					
8/26/2022	<0.002	<0.002					
8/30/2022							<0.002
8/31/2022			<0.002	<0.002	<0.002	<0.002	
2/28/2023	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	
3/1/2023							0.0011 (J)
8/2/2023	<0.002						
8/3/2023		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
2/29/2024	<0.002						
3/4/2024		0.0025	0.0068	<0.002	<0.002	<0.002	<0.002
8/6/2024	<0.002						
8/8/2024		<0.002	<0.002	<0.002	<0.002	<0.002	
8/9/2024							<0.002

Time Series

Constituent: Copper, Total (mg/L) Analysis Run 12/2/2024 12:48 PM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					<0.002
12/21/2010				<0.002	
12/22/2010	<0.002	<0.002	<0.002		
2/14/2011					<0.002
2/15/2011	<0.002	<0.002	<0.002	<0.002	
3/21/2011				<0.002	<0.002
3/22/2011	<0.002	<0.002	<0.002		
4/27/2011	<0.002	<0.002	<0.002		<0.002
4/28/2011				<0.002	
10/26/2011	<0.002	<0.002	<0.002	<0.002	<0.002
5/1/2012				<0.002	<0.002
5/2/2012	<0.002	<0.002	<0.002		
11/8/2012	<0.002	<0.002	<0.002		
11/9/2012				<0.002	<0.002
5/8/2013	<0.002	<0.002	<0.002	<0.002	<0.002
11/4/2013	<0.002	<0.002	<0.002	<0.002	<0.002
5/24/2014	<0.002	<0.002	<0.002	<0.002	<0.002
11/7/2014	<0.002		<0.002	<0.002	<0.002
11/8/2014		<0.002			
5/20/2015					<0.002
5/22/2015	0.0031 (O)	0.0031 (O)	<0.002	<0.002	
11/13/2015	<0.002	<0.002	<0.002	<0.002	<0.002
4/8/2016					<0.002
4/11/2016	<0.002	<0.002	<0.002	<0.002	
10/11/2016	<0.002	<0.002			
10/13/2016			<0.002	<0.002	<0.002
4/7/2017		<0.002			
4/10/2017	<0.002		<0.002		
4/11/2017				<0.002	<0.002
10/10/2017	<0.002	<0.002			
10/11/2017			<0.002	<0.002	<0.002
3/23/2018		<0.002			
3/26/2018	<0.002		<0.002	<0.002	<0.002
10/4/2018	<0.002	<0.002	<0.002	<0.002	<0.002
3/27/2019			<0.002		
3/28/2019	<0.002	<0.002		<0.002	<0.002
9/12/2019	<0.002	<0.002	<0.002	<0.002	<0.002
3/19/2020	<0.002	<0.002	<0.002	<0.002	<0.002
9/10/2020	<0.002	<0.002			
9/11/2020			0.0013 (J)	<0.002	<0.002
4/5/2021			<0.002	<0.002	
4/6/2021	<0.002	<0.002			<0.002
8/13/2021	<0.002	0.0046	0.0025		<0.002
8/17/2021				<0.002	
2/14/2022	<0.002	0.0013 (J)		<0.002	<0.002
2/15/2022			<0.002		
8/31/2022	<0.002	<0.002	<0.002	<0.002	<0.002
2/28/2023			<0.002		<0.002
3/1/2023	<0.002	<0.002		<0.002	
8/3/2023	<0.002	<0.002	0.0012 (J)	<0.002	<0.002
3/4/2024	<0.002	<0.002	<0.002	<0.002	<0.002
8/8/2024	<0.002	<0.002	<0.002	<0.002	<0.002

Time Series

Constituent: Fluoride (mg/L) Analysis Run 12/2/2024 12:48 PM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
4/6/2016	0.035 (J)						
4/7/2016			0.035 (J)	0.024 (J)		0.044 (J)	0.041 (J)
4/8/2016		<0.1			<0.1		
6/14/2016	<0.1	<0.1	<0.1	<0.1	<0.1		<0.1
6/17/2016						<0.1	
8/9/2016		<0.1	<0.1	<0.1	<0.1		<0.1
8/10/2016	<0.1					<0.1	
10/10/2016			<0.1	<0.1			
10/11/2016	<0.1	<0.1			<0.1		<0.1
10/14/2016						<0.1	
12/2/2016	<0.1		<0.1	<0.1			<0.1
12/5/2016		<0.1			<0.1		
12/19/2016						0.1 (J)	
2/9/2017			<0.1				<0.1
2/10/2017	<0.1	<0.1		<0.1	<0.1		
2/13/2017						<0.1	
4/7/2017		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
4/10/2017	<0.1						
6/22/2017			<0.1		<0.1	<0.1	<0.1
6/23/2017	<0.1			<0.1			
6/26/2017		<0.1					
10/9/2017	<0.1	<0.1					
10/10/2017			<0.1	<0.1	<0.1	<0.1	<0.1
3/22/2018			<0.1 (D)		<0.1		<0.1
3/23/2018				<0.1		<0.1	
3/26/2018	<0.1	<0.1 (D)					
10/3/2018	<0.1	<0.1	<0.1			<0.1	<0.1
10/4/2018				<0.1			
10/5/2018					<0.1		
3/27/2019	0.035 (J)	0.036 (J)	<0.1	0.033 (J)	0.041 (J)	0.04 (J)	0.037 (J)
9/12/2019	0.04 (J)	0.043 (J)	0.026 (J)	<0.1	0.041 (J)	0.044 (J)	0.042 (J)
3/19/2020	0.059 (J)	0.054 (J)	0.041 (J)	<0.1		0.049 (J)	0.044 (J)
3/20/2020					<0.1		
9/10/2020	0.044 (J)	0.034 (J)					0.036 (J)
9/11/2020			<0.1	<0.1	0.034 (J)	0.035 (J)	
4/2/2021	0.028 (J)	0.032 (J)	<0.1				
4/5/2021				0.039 (J)	0.038 (J)	0.031 (J)	
4/6/2021							0.03 (J)
8/12/2021	0.04 (J)	0.028 (J)	<0.1	0.11		0.052 (J)	0.058 (J)
8/13/2021					0.09 (J)		
2/14/2022	0.058 (J)		0.052 (J)	0.05 (J)	0.068 (J)	0.056 (J)	0.07 (J)
2/15/2022		0.088 (J)					
8/26/2022	0.092 (J)	0.028 (J)					
8/30/2022							0.044 (J)
8/31/2022			0.033 (J)	0.033 (J)	0.056 (J)	0.053 (J)	
2/28/2023	0.076 (J)	0.071 (J)	0.069 (J)	0.05 (J)	0.059 (J)	0.079 (J)	
3/1/2023							0.036 (J)
8/2/2023	0.044 (J)						
8/3/2023		0.042 (J)	<0.1	<0.1	0.047 (J)	0.045 (J)	0.044 (J)
2/29/2024	<0.1						
3/4/2024		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
8/6/2024	<0.1						

Time Series

Constituent: Fluoride (mg/L) Analysis Run 12/2/2024 12:48 PM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
8/8/2024		<0.1	<0.1	<0.1	<0.1	<0.1	
8/9/2024							<0.1

Time Series

Constituent: Fluoride (mg/L) Analysis Run 12/2/2024 12:48 PM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/8/2016					<0.1
4/11/2016	0.033 (J)	0.027 (J)	0.027 (J)	<0.1	
6/15/2016	<0.1	<0.1			
6/16/2016			<0.1	<0.1	<0.1
8/10/2016	<0.1	<0.1	<0.1		
8/11/2016				<0.1	<0.1
10/11/2016	<0.1	<0.1			
10/13/2016			<0.1	<0.1	<0.1
12/2/2016		<0.1			
12/5/2016	<0.1		<0.1	<0.1	
12/6/2016					<0.1
2/13/2017	<0.1	<0.1	<0.1	<0.1	<0.1
4/7/2017		<0.1			
4/10/2017	<0.1		<0.1		
4/11/2017				<0.1	<0.1
6/22/2017		<0.1			
6/23/2017	<0.1		<0.1		
6/24/2017				<0.1	<0.1
10/10/2017	<0.1	<0.1			
10/11/2017			<0.1	<0.1	<0.1
3/23/2018		<0.1			
3/26/2018	<0.1		<0.1	<0.1	<0.1
10/4/2018	<0.1	<0.1	<0.1	<0.1	<0.1
3/27/2019			<0.1		
3/28/2019	0.033 (J)	0.042 (J)		0.039 (J)	<0.1
9/12/2019	0.042 (J)	0.028 (J)	0.028 (J)	0.042 (J)	<0.1
3/19/2020	0.042 (J)	0.039 (J)	0.037 (J)	0.053 (J)	<0.1
9/10/2020	0.04 (J)	<0.1			
9/11/2020			0.049 (J)	0.041 (J)	<0.1
4/5/2021			<0.1	0.05 (J)	
4/6/2021	0.031 (J)	<0.1			<0.1
8/13/2021	0.065 (J)	0.048 (J)	0.043 (J)		0.034 (J)
8/17/2021				0.094 (J)	
2/14/2022	0.074 (J)	0.057 (J)		0.055 (J)	0.041 (J)
2/15/2022			0.06 (J)		
8/31/2022	0.082 (J)	0.065 (J)	0.066 (J)	0.053 (J)	0.055 (J)
2/28/2023			0.074 (J)		0.031 (J)
3/1/2023	0.042 (J)	0.029 (J)		0.066 (J)	
8/3/2023	0.06 (J)	<0.1	<0.1	0.046 (J)	<0.1
3/4/2024	<0.1	<0.1	<0.1	<0.1	<0.1
8/8/2024	<0.1	<0.1	<0.1	<0.1	<0.1

Time Series

Constituent: Lead, Total (mg/L) Analysis Run 12/2/2024 12:48 PM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			<0.001	<0.001	<0.001		
12/21/2010						<0.001	<0.001
12/22/2010	<0.001	<0.001					
2/1/2011				<0.001	0.0027 (J)		
2/14/2011	0.0028 (J)	<0.001	0.0024 (J)			0.0029 (J)	0.0032 (J)
3/21/2011			<0.001	<0.001			0.0038 (J)
3/22/2011	0.0021 (J)	<0.001					
3/23/2011					0.0041 (J)	0.0028 (J)	
4/26/2011	0.003 (J)	0.0025 (J)	0.0027 (J)	0.0024 (J)			0.0046 (J)
4/27/2011					0.0054	0.0038 (J)	
10/25/2011						0.0043 (J)	
10/26/2011			0.0026 (J)		<0.001		0.0024 (J)
10/27/2011	0.0028 (J)	0.0033 (J)		0.0025 (J)			
5/1/2012	<0.001	<0.001	<0.001		<0.001	<0.001	
5/2/2012				<0.001			<0.001
11/8/2012	<0.001	<0.001	0.0023 (J)	0.003 (J)	0.0022 (J)	<0.001	0.0021 (J)
5/7/2013	0.0044 (J)	0.0048 (J)		0.0029 (J)	0.0062	0.0064	
5/8/2013			0.0026 (J)				0.006
11/4/2013	<0.001	<0.001	<0.001	<0.001			
11/5/2013					<0.001	<0.001	0.0023 (J)
5/23/2014					0.0026 (J)	<0.001	<0.001
5/24/2014	<0.001	<0.001	<0.001	<0.001			
11/7/2014			<0.001	<0.001	0.0022 (J)	0.0026 (J)	<0.001
11/8/2014	<0.001	0.0021 (J)					
5/20/2015			0.005 (J)	0.0037 (J)			
5/21/2015	0.0032 (J)	0.002 (J)			0.0049 (J)	0.0038 (J)	0.0062 (J)
11/12/2015					<0.001	0.0021 (J)	0.0035 (J)
11/13/2015	<0.001	<0.001	0.0031 (J)	<0.001			
4/6/2016	<0.001						
4/7/2016			<0.001	<0.001		<0.001	<0.001
4/8/2016		<0.001			<0.001		
6/14/2016	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001
6/17/2016						<0.001	
8/9/2016		<0.001	<0.001	<0.001	<0.001		<0.001
8/10/2016	<0.001					<0.001	
10/10/2016			<0.001	<0.001			
10/11/2016	<0.001	<0.001			<0.001		<0.001
10/14/2016						<0.001	
12/2/2016	<0.001		<0.001	<0.001			<0.001
12/5/2016		<0.001			<0.001		
12/19/2016						<0.001	
2/9/2017			<0.001				<0.001
2/10/2017	<0.001	<0.001		<0.001	<0.001		
2/13/2017						<0.001	
4/7/2017		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4/10/2017	<0.001						
6/22/2017			<0.001		<0.001	<0.001	<0.001
6/23/2017	<0.001			<0.001			
6/26/2017		<0.001					
10/9/2017	<0.001	<0.001					
10/10/2017			<0.001	<0.001	<0.001	<0.001	<0.001
3/22/2018			<0.001 (D)		0.00096 (J)		<0.001

Time Series

Constituent: Lead, Total (mg/L) Analysis Run 12/2/2024 12:48 PM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
3/23/2018				<0.001		<0.001	
3/26/2018	<0.001	<0.001 (D)					
10/3/2018	<0.001	<0.001	<0.001			<0.001	<0.001
10/4/2018				<0.001			
10/5/2018					<0.001		
3/27/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
9/12/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
3/19/2020	<0.001	<0.001	0.00019 (J)	<0.001		0.0002 (J)	<0.001
3/20/2020					<0.001		
9/10/2020	0.0022	<0.001					<0.001
9/11/2020			0.0016	<0.001	<0.001	<0.001	
4/2/2021	<0.001	0.00018 (J)	<0.001				
4/5/2021				<0.001	<0.001	<0.001	
4/6/2021							<0.001
8/12/2021	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001
8/13/2021					<0.001		
2/14/2022	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001
2/15/2022		0.00025 (J)					
8/26/2022	<0.001	<0.001					
8/30/2022							<0.001
8/31/2022			<0.001	<0.001	<0.001	<0.001	
2/28/2023	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
3/1/2023							<0.001
8/2/2023	<0.001						
8/3/2023		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2/29/2024	0.00023 (J)						
3/4/2024		0.002	<0.001	<0.001	<0.001	<0.001	0.00043 (J)
8/6/2024	<0.001						
8/8/2024		<0.001	<0.001	<0.001	<0.001	<0.001	
8/9/2024							<0.001

Time Series

Constituent: Lead, Total (mg/L) Analysis Run 12/2/2024 12:48 PM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					<0.001
12/21/2010				<0.001	
12/22/2010	<0.001	<0.001	<0.001		
2/14/2011					<0.001
2/15/2011	0.0021 (J)	0.0028 (J)	0.0032 (J)	0.0034 (J)	
3/21/2011				0.004 (J)	<0.001
3/22/2011	0.0027 (J)	0.0022 (J)	0.0024 (J)		
4/27/2011	0.0024 (J)	0.0033 (J)	0.0033 (J)		<0.001
4/28/2011				0.0036 (J)	
10/26/2011	0.0021 (J)	0.0028 (J)	0.0023 (J)	0.0038 (J)	<0.001
5/1/2012				<0.001	<0.001
5/2/2012	<0.001	<0.001	<0.001		
11/8/2012	<0.001	<0.001	<0.001		
11/9/2012				<0.001	<0.001
5/8/2013	0.0035 (J)	0.0043 (J)	0.0035 (J)	0.0059	<0.001
11/4/2013	<0.001	<0.001	<0.001	0.0027 (J)	<0.001
5/24/2014	<0.001	<0.001	<0.001	<0.001	<0.001
11/7/2014	<0.001		<0.001	<0.001	<0.001
11/8/2014		<0.001			
5/20/2015					0.0026 (O)
5/22/2015	0.0038 (J)	0.0042 (J)	0.0035 (J)	0.006 (J)	
11/13/2015	<0.001	<0.001	<0.001	0.0024 (J)	<0.001
4/8/2016					<0.001
4/11/2016	<0.001	<0.001	<0.001	<0.001	
6/15/2016	<0.001	<0.001			
6/16/2016			<0.001	<0.001	<0.001
8/10/2016	<0.001	<0.001	<0.001		
8/11/2016				<0.001	<0.001
10/11/2016	<0.001	<0.001			
10/13/2016			<0.001	<0.001	<0.001
12/2/2016		<0.001			
12/5/2016	<0.001		<0.001	<0.001	
12/6/2016					<0.001
2/13/2017	<0.001	<0.001	<0.001	<0.001	<0.001
4/7/2017		<0.001			
4/10/2017	<0.001		<0.001		
4/11/2017				<0.001	<0.001
6/22/2017		<0.001			
6/23/2017	<0.001		<0.001		
6/24/2017				<0.001	<0.001
10/10/2017	<0.001	<0.001			
10/11/2017			0.00041 (J)	<0.001	<0.001
3/23/2018		<0.001			
3/26/2018	<0.001		<0.001	0.0034 (o)	<0.001
10/4/2018	<0.001	<0.001	<0.001	<0.001	<0.001
3/27/2019			<0.001		
3/28/2019	<0.001	<0.001		<0.001	<0.001
9/12/2019	<0.001	<0.001	<0.001	<0.001	<0.001
3/19/2020	<0.001	<0.001	<0.001	<0.001	<0.001
9/10/2020	<0.001	<0.001			
9/11/2020			0.0015	<0.001	<0.001
4/5/2021			<0.001	<0.001	

Time Series

Constituent: Lead, Total (mg/L) Analysis Run 12/2/2024 12:48 PM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/6/2021	<0.001	<0.001			<0.001
8/13/2021	<0.001	0.00054 (J)	0.00022 (J)		0.00017 (J)
8/17/2021				<0.001	
2/14/2022	<0.001	0.00019 (J)		<0.001	<0.001
2/15/2022			<0.001		
8/31/2022	<0.001	<0.001	<0.001	<0.001	<0.001
2/28/2023			<0.001		<0.001
3/1/2023	<0.001	<0.001		<0.001	
8/3/2023	<0.001	<0.001	<0.001	<0.001	<0.001
3/4/2024	<0.001	<0.001	<0.001	<0.001	<0.001
8/8/2024	<0.001	<0.001	<0.001	<0.001	<0.001

Time Series

Constituent: Mercury, Total (mg/L) Analysis Run 12/2/2024 12:48 PM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			<0.0002	<0.0002	<0.0002		
12/21/2010						<0.0002	<0.0002
12/22/2010	<0.0002	<0.0002					
2/1/2011				<0.0002	<0.0002		
2/14/2011	<0.0002	<0.0002	<0.0002			<0.0002	<0.0002
3/21/2011			<0.0002	<0.0002			<0.0002
3/22/2011	<0.0002	<0.0002					
3/23/2011					<0.0002	<0.0002	
4/26/2011	<0.0002	<0.0002	<0.0002	<0.0002			<0.0002
4/27/2011					<0.0002	<0.0002	
10/25/2011						<0.0002	
10/26/2011			<0.0002		<0.0002		<0.0002
10/27/2011	<0.0002	<0.0002		<0.0002			
5/1/2012	<0.0002	<0.0002	<0.0002		<0.0002	<0.0002	
5/2/2012				<0.0002			<0.0002
11/8/2012	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
5/7/2013	<0.0002	<0.0002		0.00011 (J)	8.1E-05 (J)	8.4E-05 (J)	
5/8/2013			<0.0002				<0.0002
11/4/2013	<0.0002	<0.0002	<0.0002	<0.0002			
11/5/2013					<0.0002	<0.0002	<0.0002
5/23/2014					<0.0002	<0.0002	<0.0002
5/24/2014	<0.0002	<0.0002	<0.0002	<0.0002			
11/7/2014			<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
11/8/2014	<0.0002	<0.0002					
5/20/2015			<0.0002	<0.0002			
5/21/2015	<0.0002	<0.0002			<0.0002	<0.0002	<0.0002
11/12/2015					<0.0002	<0.0002	<0.0002
11/13/2015	<0.0002	<0.0002	<0.0002	<0.0002			
4/6/2016	<0.0002						
4/7/2016			<0.0002	<0.0002		<0.0002	<0.0002
4/8/2016		<0.0002			<0.0002		
6/14/2016	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002		<0.0002
6/17/2016						<0.0002	
8/9/2016		<0.0002	<0.0002	<0.0002	<0.0002		<0.0002
8/10/2016	<0.0002					<0.0002	
10/10/2016			<0.0002	<0.0002			
10/11/2016	<0.0002	<0.0002			<0.0002		<0.0002
10/14/2016						<0.0002	
12/2/2016	<0.0002		<0.0002	<0.0002			<0.0002
12/5/2016		<0.0002			<0.0002		
12/19/2016						<0.0002	
2/9/2017			<0.0002				<0.0002
2/10/2017	<0.0002	<0.0002		<0.0002	<0.0002		
2/13/2017						<0.0002	
4/7/2017		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
4/10/2017	<0.0002						
6/22/2017			<0.0002		<0.0002	<0.0002	<0.0002
6/23/2017	<0.0002			<0.0002			
6/26/2017		<0.0002					
10/9/2017	8.7E-05 (J)	8.7E-05 (J)					
10/10/2017			8.9E-05 (J)	8.8E-05 (J)	9.2E-05 (J)	9.2E-05 (J)	8.8E-05 (J)
3/22/2018			<0.0002 (D)		<0.0002		<0.0002

Time Series

Constituent: Mercury, Total (mg/L) Analysis Run 12/2/2024 12:48 PM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
3/23/2018				<0.0002		<0.0002	
3/26/2018	<0.0002 (X)	<0.0002 (XD)					
10/3/2018	<0.0002 (X)	<0.0002 (X)	<0.0002 (X)			<0.0002 (X)	<0.0002 (X)
10/4/2018				<0.0002			
10/5/2018					<0.0002		
3/27/2019	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
9/12/2019	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
3/19/2020	<0.0002	<0.0002	<0.0002	<0.0002		<0.0002	<0.0002
3/20/2020					<0.0002		
9/10/2020	<0.0002	<0.0002					<0.0002
9/11/2020			<0.0002	<0.0002	<0.0002	<0.0002	
4/2/2021	<0.0002	<0.0002	<0.0002				
4/5/2021				<0.0002	<0.0002	<0.0002	
4/6/2021							<0.0002
8/12/2021	<0.0002	<0.0002	<0.0002	<0.0002		<0.0002	<0.0002
8/13/2021					<0.0002		
2/14/2022	<0.0002		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
2/15/2022		<0.0002					
8/26/2022	<0.0002	<0.0002					
8/30/2022							<0.0002
8/31/2022			<0.0002	<0.0002	<0.0002	<0.0002	
2/28/2023	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	
3/1/2023							<0.0002
8/2/2023	<0.0002						
8/3/2023		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
2/29/2024	<0.0002						
3/4/2024		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
8/6/2024	<0.0002						
8/8/2024		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	
8/9/2024							<0.0002

Time Series

Constituent: Mercury, Total (mg/L) Analysis Run 12/2/2024 12:48 PM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					<0.0002
12/21/2010				<0.0002	
12/22/2010	<0.0002	<0.0002	<0.0002		
2/14/2011					<0.0002
2/15/2011	<0.0002	<0.0002	<0.0002	<0.0002	
3/21/2011				<0.0002	<0.0002
3/22/2011	<0.0002	<0.0002	<0.0002		
4/27/2011	<0.0002	<0.0002	<0.0002		<0.0002
4/28/2011				<0.0002	
10/26/2011	<0.0002	<0.0002	<0.0002	8.2E-05	<0.0002
5/1/2012				<0.0002	<0.0002
5/2/2012	<0.0002	<0.0002	<0.0002		
11/8/2012	<0.0002	<0.0002	<0.0002		
11/9/2012				<0.0002	<0.0002
5/8/2013	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
11/4/2013	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
5/24/2014	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
11/7/2014	<0.0002		<0.0002	<0.0002	<0.0002
11/8/2014		<0.0002			
5/20/2015					<0.0002
5/22/2015	<0.0002	<0.0002	<0.0002	<0.0002	
11/13/2015	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
4/8/2016					<0.0002
4/11/2016	<0.0002	<0.0002	<0.0002	<0.0002	
6/15/2016	<0.0002	<0.0002			
6/16/2016			<0.0002	<0.0002	<0.0002
8/10/2016	<0.0002	<0.0002	<0.0002		
8/11/2016				<0.0002	<0.0002
10/11/2016	<0.0002	<0.0002			
10/13/2016			<0.0002	<0.0002	<0.0002
12/2/2016		<0.0002			
12/5/2016	<0.0002		<0.0002	<0.0002	
12/6/2016					<0.0002
2/13/2017	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
4/7/2017		<0.0002			
4/10/2017	<0.0002		<0.0002		
4/11/2017				<0.0002	<0.0002
6/22/2017		<0.0002			
6/23/2017	<0.0002		<0.0002		
6/24/2017				<0.0002	<0.0002
10/10/2017	9.1E-05 (J)	8.9E-05 (J)			
10/11/2017			<0.0002	<0.0002	<0.0002
3/23/2018		<0.0002 (X)			
3/26/2018	<0.0002		<0.0002	<0.0002	<0.0002 (X)
10/4/2018	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
3/27/2019			<0.0002		
3/28/2019	<0.0002	<0.0002		<0.0002	<0.0002
9/12/2019	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
3/19/2020	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
9/10/2020	<0.0002	<0.0002			
9/11/2020			<0.0002	<0.0002	<0.0002
4/5/2021			<0.0002	<0.0002	

Time Series

Constituent: Mercury, Total (mg/L) Analysis Run 12/2/2024 12:48 PM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/6/2021	<0.0002	<0.0002			<0.0002
8/13/2021	<0.0002	<0.0002	<0.0002		<0.0002
8/17/2021				<0.0002	
2/14/2022	<0.0002	<0.0002		<0.0002	<0.0002
2/15/2022			<0.0002		
8/31/2022	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
2/28/2023			<0.0002		<0.0002
3/1/2023	<0.0002	<0.0002		<0.0002	
8/3/2023	<0.0002	<0.0002	<0.0002	9E-05 (J)	<0.0002
3/4/2024	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
8/8/2024	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002

Time Series

Constituent: Nickel, Total (mg/L) Analysis Run 12/2/2024 12:48 PM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			<0.001	<0.001	<0.001		
12/21/2010						0.0052	<0.001
12/22/2010	<0.001	0.003 (O)					
2/1/2011				<0.001	0.0072		
2/14/2011	<0.001	<0.001	<0.001			0.016	<0.001
3/21/2011			<0.001	<0.001			<0.001
3/22/2011	<0.001	<0.001					
3/23/2011					<0.001	<0.001	
4/26/2011	<0.001	<0.001	<0.001	<0.001			<0.001
4/27/2011					<0.001	<0.001	
10/25/2011						<0.001	
10/26/2011			<0.001		<0.001		<0.001
10/27/2011	<0.001	<0.001		<0.001			
5/1/2012	<0.001	<0.001	<0.001		<0.001	0.0035 (J)	
5/2/2012				<0.001			<0.001
11/8/2012	<0.001	<0.001	<0.001	0.0035 (O)	0.0066	0.0046 (J)	<0.001
5/7/2013	<0.001	<0.001		<0.001	0.022	0.0087	
5/8/2013			<0.001				<0.001
11/4/2013	<0.001	<0.001	<0.001	<0.001			
11/5/2013					0.0093	0.0036 (J)	<0.001
5/23/2014					0.0045 (J)	<0.001	<0.001
5/24/2014	<0.001	<0.001	<0.001	<0.001			
11/7/2014			<0.001	<0.001	0.0049 (J)	0.0064	<0.001
11/8/2014	<0.001	<0.001					
5/20/2015			<0.001	<0.001			
5/21/2015	<0.001	<0.001			0.012	0.0045 (J)	<0.001
11/12/2015					0.019	0.0036 (J)	<0.001
11/13/2015	<0.001	<0.001	<0.001	<0.001			
4/6/2016	<0.001						
4/7/2016			<0.001	<0.001		<0.001	<0.001
4/8/2016		<0.001			<0.001		
10/10/2016			<0.001	<0.001			
10/11/2016	<0.001	<0.001			<0.001		<0.001
10/14/2016						<0.001	
4/7/2017		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4/10/2017	<0.001						
10/9/2017	0.0024 (O)	<0.001					
10/10/2017			<0.001	<0.001	<0.001	<0.001	<0.001
3/22/2018			<0.001 (D)		<0.001		<0.001
3/23/2018				<0.001		<0.001	
3/26/2018	<0.001	<0.001 (D)					
10/3/2018	<0.001	<0.001	<0.001			<0.001	<0.001
10/4/2018				<0.001			
10/5/2018					<0.001		
3/27/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
9/12/2019	0.00097 (J)	<0.001	0.00061 (J)	0.0004 (J)	<0.001	<0.001	0.00043 (J)
3/19/2020	0.00037 (J)	<0.001	0.00074 (J)	<0.001		0.0004 (J)	<0.001
3/20/2020					<0.001		
9/10/2020	0.00095 (J)	<0.001					0.00062 (J)
9/11/2020			0.001	<0.001	<0.001	<0.001	
4/2/2021	0.00046 (J)	0.00049 (J)	0.00077 (J)				
4/5/2021				<0.001	<0.001	0.00034 (J)	

Time Series

Constituent: Nickel, Total (mg/L) Analysis Run 12/2/2024 12:48 PM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
4/6/2021							<0.001
8/12/2021	0.0011	0.00042 (J)	0.00092 (J)	<0.001		<0.001	0.0019
8/13/2021					<0.001		
2/14/2022	<0.001		<0.001	<0.001	<0.001	<0.001	0.00088 (J)
2/15/2022		0.0014					
8/26/2022	0.0012	0.00065 (J)					
8/30/2022							0.00074 (J)
8/31/2022			0.00065 (J)	0.00056 (J)	<0.001	<0.001	
2/28/2023	0.0015	0.00091 (J)	0.00064 (J)	<0.001	<0.001	<0.001	
3/1/2023							<0.001
8/2/2023	0.00086 (J)						
8/3/2023		0.00067 (J)	0.00067 (J)	0.00045 (J)	<0.001	<0.001	0.00046 (J)
2/29/2024	0.00097 (J)						
3/4/2024		0.00055 (J)	0.0011	<0.001	<0.001	<0.001	<0.001
8/6/2024	0.00096 (J)						
8/8/2024		<0.001	0.00048 (J)	<0.001	<0.001	<0.001	
8/9/2024							<0.001

Time Series

Constituent: Nickel, Total (mg/L) Analysis Run 12/2/2024 12:48 PM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					0.006
12/21/2010				<0.001	
12/22/2010	<0.0047	<0.0018	<0.0025		
2/14/2011					0.0067
2/15/2011	<0.0047	<0.0018	<0.0025	<0.001	
3/21/2011				<0.001	0.0066
3/22/2011	<0.0047	<0.0018	<0.0025		
4/27/2011	<0.0047	<0.0018	<0.0025		0.0077
4/28/2011				<0.001	
10/26/2011	<0.0047	<0.0018	<0.0025	<0.001	0.0063
5/1/2012				<0.001	0.0068
5/2/2012	<0.0047	<0.0018	<0.0025		
11/8/2012	<0.0047	<0.0018	<0.0025		
11/9/2012				<0.001	0.0067
5/8/2013	<0.0047	<0.0018	<0.0025	<0.001	0.0066
11/4/2013	<0.0047	<0.0018	<0.0025	<0.001	0.0072
5/24/2014	<0.0047	<0.0018	<0.0025	<0.001	0.0053
11/7/2014	<0.0047		<0.0025	<0.001	0.0052
11/8/2014		<0.0018			
5/20/2015					0.0067
5/22/2015	0.0032 (J)	<0.0018	<0.0025	<0.001	
11/13/2015	<0.0047	<0.0018	<0.0025	<0.001	0.0063
4/8/2016					<0.0073
4/11/2016	0.00388 (J)	<0.0018	<0.0025	<0.001	
10/11/2016	<0.0047	<0.0018			
10/13/2016			<0.0025	<0.001	<0.0073
4/7/2017		<0.0018			
4/10/2017	0.0042		<0.0025		
4/11/2017				<0.001	0.0075
10/10/2017	0.0037	<0.0018			
10/11/2017			0.0018 (J)	<0.001	0.0072
3/23/2018		<0.0018			
3/26/2018	0.0037		0.0021 (J)	<0.001	0.0075
10/4/2018	0.0037	<0.0018	0.0024 (J)	<0.001	0.0073
3/27/2019			0.0024 (J)		
3/28/2019	0.0038	<0.0018		<0.001	0.0069
9/12/2019	0.0035	0.0012	0.0019	<0.001	0.007
3/19/2020	0.0039	0.0015	0.0021	<0.001	0.007
9/10/2020	0.0035	0.0017			
9/11/2020			0.002	<0.001	0.0074
4/5/2021			0.002	<0.001	
4/6/2021	0.0042	0.0019			0.0072
8/13/2021	0.0037	0.0036	0.0034		0.0073
8/17/2021				<0.001	
2/14/2022	0.0034	0.0026		<0.001	0.0071
2/15/2022			0.0024		
8/31/2022	0.0033	0.0031	0.0025	<0.001	0.0069
2/28/2023			0.0028		0.0073
3/1/2023	0.0038	0.0073		<0.001	
8/3/2023	0.0031	0.0033	0.0028	<0.001	0.0071
3/4/2024	0.0028	0.0029	0.0024	<0.001	0.0077
8/8/2024	0.0025	0.003	0.0027	<0.001	0.0077

Time Series

Constituent: pH (S.U.) Analysis Run 12/2/2024 12:48 PM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
11/7/2014			6.26	5.92	6.54	6.91	6.99
11/8/2014	5.89	5.92					
5/21/2015		5.97					
11/12/2015					6.43	6.81	7
11/13/2015	5.65	5.8	6.02	5.78			
4/6/2016	5.9 (D)						
4/7/2016			6.48	6.83	6.45 (D)	6.74	6.85
4/8/2016		6.12			6.45		
6/14/2016	5.75	5.84	6.05	5.82	6.4		6.83
6/17/2016						6.78	
8/1/2016				5.78			
8/9/2016		5.75	6.05		6.43		6.77
8/10/2016	5.75					6.73	
10/10/2016			6.02	5.78			
10/11/2016	5.8	5.84			6.34		6.83
10/14/2016						6.7	
12/2/2016	5.78		5.95	5.71			6.79
12/5/2016		5.7			6.46	6.71	
2/9/2017			6.24				6.65
2/10/2017	5.83	6.17		5.79	6.33		
2/13/2017						6.56	
4/7/2017		5.99	5.95	5.93	6.38	6.62	6.75
4/10/2017	5.74						
6/22/2017			6.02		6.45	6.76	6.85
6/23/2017				5.77			
6/26/2017	5.83	5.87					
10/9/2017	5.61	5.52					
10/10/2017			6	5.81	6.44	6.7	6.84
3/22/2018			6.2		6.46		7
3/23/2018				5.89		6.92	
3/26/2018	5.76	6.06					
10/3/2018	5.78	5.83	6.03			6.81	6.93
10/4/2018				5.86			
10/5/2018					6.47		
3/27/2019	5.97	6.04	6.31	5.95	6.52	6.86	6.91
9/12/2019	5.83	5.87		5.83	6.49	6.78	6.82
9/13/2019			5.96				
3/19/2020	5.81	6.14	6.46	5.93	6.39	6.73	6.87
3/20/2020					6.39		
9/10/2020	5.83	5.78					6.91
9/11/2020			5.98	6.02	6.59	6.76	
4/2/2021	6.06	6.03	5.92				
4/5/2021				5.92	6.59	6.78	
4/6/2021							6.87
6/1/2021				5.8	6.46	6.78	
8/12/2021	5.88	5.91	5.92	5.71		6.86	6.86
8/13/2021					6.33		
2/14/2022	5.99		6.31	5.85	6.6	6.93	7.1
2/15/2022		6.4					
8/26/2022	5.73 (D)	5.86 (D)					
8/30/2022							7.08
8/31/2022			6.03	5.8	6.53	6.91	

Time Series

Constituent: pH (S.U.) Analysis Run 12/2/2024 12:48 PM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
10/25/2022			5.99	5.88	6.48	6.81	6.96
11/16/2022			6.02	5.88	6.51	6.83	6.91
2/28/2023	5.81	6.21	5.88	5.91	6.52	6.87	
3/1/2023							6.98
8/2/2023	5.86						
8/3/2023		6.03	5.93	5.841351	6.42	6.84	6.88
2/29/2024	5.8						
3/4/2024		6.41	6.54	5.94	6.49	6.86	6.96
8/6/2024	5.76						
8/8/2024		5.93	5.9	5.77	6.34	6.72	
8/9/2024							6.82
11/7/2024			6.19 (R)				

Time Series

Constituent: pH (S.U.) Analysis Run 12/2/2024 12:48 PM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
11/7/2014			5.95	6.75	5.67
11/8/2014		5.94			
5/22/2015	5.8	5.79	5.84	6.65	
5/25/2015			8.36 (o)	7.63 (o)	7.725 (oD)
11/13/2015	5.87	5.92	5.82	6.77	5.52
4/8/2016					5.63
4/11/2016	5.84	5.82	5.88	6.64	
6/15/2016	5.82	5.85			
6/16/2016			5.85	6.6	5.56
8/10/2016	5.82	5.85	5.83		
8/11/2016				6.61	5.56
10/11/2016	5.78	5.76			
10/13/2016			5.84	6.64	5.61
12/2/2016		5.76			
12/5/2016	5.72		5.81	6.63	
12/6/2016					5.48
2/13/2017	5.81	5.8	5.76	6.59	5.57
4/7/2017		5.75			
4/10/2017	5.75		5.78		
4/11/2017				6.53	5.52
6/22/2017		5.83			
6/23/2017	5.78		5.82		
6/26/2017				6.6	5.56
10/10/2017	5.82	5.76			
10/11/2017			5.83	6.61	5.51
3/23/2018		5.98			
3/26/2018	5.91		5.98	6.77	5.78
10/4/2018	5.83	5.85	5.85	6.67	5.56
3/27/2019			5.94		
3/28/2019	5.95	5.71		6.71	5.67
9/12/2019	5.98		5.86	6.68	
9/13/2019		5.78			5.55
3/19/2020	5.97	5.78	5.9	6.64	5.65
9/10/2020	6.09	5.78			
9/11/2020			5.84	6.64	5.69
4/5/2021			5.99	6.68	
4/6/2021	6.3	5.76			5.67
6/2/2021			5.87	6.6	
8/13/2021	6.18	5.86	5.92		5.47
8/17/2021				6.63	
2/14/2022	6.29	5.9		6.79	5.65
2/15/2022			6.02		
8/31/2022	6.21	5.85	5.91	6.74	5.59
10/25/2022	6.21	5.89	5.94	6.65	5.64
11/16/2022	6.14	5.81	5.87	6.65	5.65
2/28/2023			5.86		5.66
3/1/2023	6.11	5.69		6.59	
5/2/2023		5.82 (R)			
8/3/2023	5.94	5.89	5.86	6.63	5.56
3/4/2024	6.52	5.77	5.85	7.01	5.9
5/20/2024					5.6 (R)
8/8/2024	6.14	5.74	5.91	6.54	5.58

Time Series

Constituent: pH (S.U.) Analysis Run 12/2/2024 12:48 PM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
11/7/2024					5.73 (R)

Time Series

Constituent: Selenium, Total (mg/L) Analysis Run 12/2/2024 12:48 PM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			<0.005	<0.005	<0.005		
12/21/2010						<0.005	<0.005
12/22/2010	<0.005	<0.005					
2/1/2011				<0.005	<0.005		
2/14/2011	<0.005	<0.005	<0.005			<0.005	<0.005
3/21/2011			<0.005	<0.005			<0.005
3/22/2011	<0.005	<0.005					
3/23/2011					<0.005	<0.005	
4/26/2011	<0.005	<0.005	<0.005	<0.005			<0.005
4/27/2011					<0.005	<0.005	
10/25/2011						<0.005	
10/26/2011			<0.005		<0.005		<0.005
10/27/2011	<0.005	<0.005		<0.005			
5/1/2012	<0.005	<0.005	<0.005		<0.005	<0.005	
5/2/2012				<0.005			<0.005
11/8/2012	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
5/7/2013	<0.005	<0.005		<0.005	<0.005	0.0046	
5/8/2013			0.0048				<0.005
11/4/2013	0.0061 (O)	0.0048	<0.005	<0.005			
11/5/2013					0.0064 (O)	0.0047	<0.005
5/23/2014					<0.005	<0.005	<0.005
5/24/2014	<0.005	<0.005	0.0042	<0.005			
11/7/2014			<0.005	<0.005	<0.005	<0.005	<0.005
11/8/2014	<0.005	<0.005					
5/20/2015			0.0093 (O)	<0.005			
5/21/2015	0.0072 (O)	0.0041			<0.005	0.0077 (O)	0.0041
11/12/2015					<0.005	<0.005	<0.005
11/13/2015	<0.005	<0.005	0.0061 (O)	<0.005			
4/6/2016	<0.005						
4/7/2016			<0.005	<0.005		<0.005	<0.005
4/8/2016		<0.005			<0.005		
6/14/2016	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005
6/17/2016						<0.005	
8/9/2016		<0.005	<0.005	<0.005	<0.005		<0.005
8/10/2016	<0.005					<0.005	
10/10/2016			<0.005	<0.005			
10/11/2016	<0.005	<0.005			<0.005		<0.005
10/14/2016						<0.005	
12/2/2016	<0.005		<0.005	<0.005			<0.005
12/5/2016		<0.005			<0.005		
12/19/2016						<0.005	
2/9/2017			<0.005				<0.005
2/10/2017	<0.005	0.0032		<0.005	<0.005		
2/13/2017						<0.005	
4/7/2017		<0.005	<0.005	<0.005	<0.005	<0.005	0.00092 (J)
4/10/2017	<0.005						
6/22/2017			<0.005		0.0021	<0.005	<0.005
6/23/2017	<0.005			<0.005			
6/26/2017		<0.005					
10/9/2017	<0.005	<0.005					
10/10/2017			0.00033 (J)	<0.005	<0.005	<0.005	<0.005
3/22/2018			<0.005 (D)		<0.005		<0.005

Time Series

Constituent: Selenium, Total (mg/L) Analysis Run 12/2/2024 12:48 PM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
3/23/2018				<0.005		<0.005	
3/26/2018	<0.005	<0.005 (D)					
10/3/2018	<0.005	<0.005	<0.005			<0.005	<0.005
10/4/2018				<0.005			
10/5/2018					<0.005		
3/27/2019	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
9/12/2019	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
3/19/2020	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005
3/20/2020					<0.005		
9/10/2020	<0.005	<0.005					<0.005
9/11/2020			<0.005	<0.005	<0.005	<0.005	
4/2/2021	<0.005	<0.005	<0.005				
4/5/2021				<0.005	<0.005	<0.005	
4/6/2021							<0.005
8/12/2021	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005
8/13/2021					<0.005		
2/14/2022	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005
2/15/2022		<0.005					
8/26/2022	<0.005	<0.005					
8/30/2022							<0.005
8/31/2022			<0.005	<0.005	<0.005	<0.005	
2/28/2023	<0.005	<0.005	0.00076 (J)	<0.005	<0.005	<0.005	
3/1/2023							<0.005
8/2/2023	<0.005						
8/3/2023		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2/29/2024	<0.005						
3/4/2024		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
8/6/2024	<0.005						
8/8/2024		<0.005	<0.005	<0.005	<0.005	<0.005	
8/9/2024							<0.005

Time Series

Constituent: Selenium, Total (mg/L) Analysis Run 12/2/2024 12:48 PM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					<0.005
12/21/2010				<0.005	
12/22/2010	<0.005	<0.005	<0.005		
2/14/2011					<0.005
2/15/2011	<0.005	<0.005	<0.005	<0.005	
3/21/2011				<0.005	<0.005
3/22/2011	<0.005	<0.005	<0.005		
4/27/2011	<0.005	<0.005	<0.005		<0.005
4/28/2011				<0.005	
10/26/2011	<0.005	<0.005	<0.005	<0.005	<0.005
5/1/2012				<0.005	<0.005
5/2/2012	<0.005	<0.005	<0.005		
11/8/2012	<0.005	<0.005	<0.005		
11/9/2012				<0.005	<0.005
5/8/2013	<0.005	0.0042	<0.005	<0.005	<0.005
11/4/2013	<0.005	<0.005	<0.005	0.0049	<0.005
5/24/2014	0.0044	<0.005	<0.005	<0.005	<0.005
11/7/2014	<0.005		<0.005	<0.005	<0.005
11/8/2014		<0.005			
5/20/2015					<0.005
5/22/2015	<0.005	<0.005	<0.005	0.0067 (O)	
11/13/2015	<0.005	<0.005	<0.005	<0.005	<0.005
4/8/2016					<0.005
4/11/2016	<0.005	<0.005	<0.005	<0.005	
6/15/2016	<0.005	<0.005			
6/16/2016			<0.005	<0.005	<0.005
8/10/2016	<0.005	<0.005	<0.005		
8/11/2016				0.00036 (J)	<0.005
10/11/2016	<0.005	<0.005			
10/13/2016			<0.005	0.00035 (J)	0.00046 (J)
12/2/2016		<0.005			
12/5/2016	<0.005		<0.005	<0.005	
12/6/2016					<0.005
2/13/2017	<0.005	<0.005	<0.005	<0.005	0.0025
4/7/2017		0.0021			
4/10/2017	<0.005		<0.005		
4/11/2017				0.0027	0.00089 (J)
6/22/2017		<0.005			
6/23/2017	<0.005		<0.005		
6/24/2017				<0.005	<0.005
10/10/2017	<0.005	<0.005			
10/11/2017			<0.005	<0.005	<0.005
3/23/2018		<0.005			
3/26/2018	<0.005		<0.005	<0.005	<0.005
10/4/2018	0.00032 (J)	<0.005	<0.005	0.0004 (J)	<0.005
3/27/2019			<0.005		
3/28/2019	<0.005	<0.005		<0.005	<0.005
9/12/2019	<0.005	<0.005	<0.005	<0.005	<0.005
3/19/2020	<0.005	<0.005	<0.005	<0.005	<0.005
9/10/2020	<0.005	<0.005			
9/11/2020			<0.005	<0.005	<0.005
4/5/2021			<0.005	<0.005	

Time Series

Constituent: Selenium, Total (mg/L) Analysis Run 12/2/2024 12:48 PM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/6/2021	<0.005	<0.005			<0.005
8/13/2021	<0.005	<0.005	<0.005		<0.005
8/17/2021				<0.005	
2/14/2022	<0.005	<0.005		<0.005	<0.005
2/15/2022			<0.005		
8/31/2022	<0.005	<0.005	<0.005	<0.005	<0.005
2/28/2023			<0.005		<0.005
3/1/2023	<0.005	<0.005		0.00099 (J)	
8/3/2023	<0.005	<0.005	<0.005	<0.005	<0.005
3/4/2024	<0.005	<0.005	<0.005	<0.005	<0.005
8/8/2024	<0.005	<0.005	<0.005	<0.005	<0.005

Time Series

Constituent: Silver, Total (mg/L) Analysis Run 12/2/2024 12:48 PM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			<0.001	<0.001	<0.001		
12/21/2010						<0.001	<0.001
12/22/2010	<0.001	<0.001					
2/1/2011				<0.001	<0.001		
2/14/2011	<0.001	<0.001	<0.001			<0.001	<0.001
3/21/2011			<0.001	<0.001			<0.001
3/22/2011	<0.001	<0.001					
3/23/2011					<0.001	<0.001	
4/26/2011	<0.001	<0.001	<0.001	<0.001			<0.001
4/27/2011					<0.001	<0.001	
10/25/2011						<0.001	
10/26/2011			<0.001		<0.001		<0.001
10/27/2011	<0.001	<0.001		<0.001			
5/1/2012	<0.001	<0.001	<0.001		<0.001	<0.001	
5/2/2012				<0.001			<0.001
11/8/2012	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
5/7/2013	<0.001	<0.001		<0.001	<0.001	<0.001	
5/8/2013			<0.001				<0.001
11/4/2013	<0.001	<0.001	<0.001	<0.001			
11/5/2013					<0.001	<0.001	<0.001
5/23/2014					<0.001	<0.001	<0.001
5/24/2014	<0.001	<0.001	<0.001	<0.001			
11/7/2014			<0.001	<0.001	<0.001	<0.001	<0.001
11/8/2014	<0.001	<0.001					
5/20/2015			<0.001	<0.001			
5/21/2015	<0.001	<0.001			<0.001	<0.001	<0.001
11/12/2015					<0.001	<0.001	<0.001
11/13/2015	<0.001	<0.001	<0.001	<0.001			
4/6/2016	<0.001						
4/7/2016			<0.001	<0.001		<0.001	<0.001
4/8/2016		<0.001			<0.001		
10/10/2016			<0.001	<0.001			
10/11/2016	<0.001	<0.001			<0.001		<0.001
10/14/2016						<0.001	
4/7/2017		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4/10/2017	<0.001						
10/9/2017	<0.001	<0.001					
10/10/2017			<0.001	<0.001	<0.001	<0.001	<0.001
3/22/2018			<0.001 (D)		<0.001		<0.001
3/23/2018				<0.001		<0.001	
3/26/2018	<0.001	<0.001 (D)					
10/3/2018	<0.001	<0.001	<0.001			<0.001	<0.001
10/4/2018				<0.001			
10/5/2018					<0.001		
3/27/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
9/12/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
3/19/2020	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001
3/20/2020					<0.001		
9/10/2020	<0.001	<0.001					<0.001
9/11/2020			<0.001	<0.001	<0.001	<0.001	
4/2/2021	<0.001	<0.001	<0.001				
4/5/2021				<0.001	<0.001	<0.001	

Time Series

Constituent: Silver, Total (mg/L) Analysis Run 12/2/2024 12:48 PM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
4/6/2021							<0.001
8/12/2021	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001
8/13/2021					<0.001		
2/14/2022	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001
2/15/2022		<0.001					
8/26/2022	<0.001	<0.001					
8/30/2022							<0.001
8/31/2022			<0.001	<0.001	<0.001	<0.001	
2/28/2023	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
3/1/2023							<0.001
8/2/2023	<0.001						
8/3/2023		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2/29/2024	<0.001						
3/4/2024		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
8/6/2024	<0.001						
8/8/2024		<0.001	<0.001	<0.001	<0.001	<0.001	
8/9/2024							<0.001

Time Series

Constituent: Silver, Total (mg/L) Analysis Run 12/2/2024 12:48 PM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					<0.001
12/21/2010				<0.001	
12/22/2010	<0.001	<0.001	<0.001		
2/14/2011					<0.001
2/15/2011	<0.001	<0.001	<0.001	<0.001	
3/21/2011				<0.001	<0.001
3/22/2011	<0.001	<0.001	<0.001		
4/27/2011	<0.001	<0.001	<0.001		<0.001
4/28/2011				<0.001	
10/26/2011	<0.001	<0.001	<0.001	<0.001	<0.001
5/1/2012				<0.001	<0.001
5/2/2012	<0.001	<0.001	<0.001		
11/8/2012	<0.001	<0.001	<0.001		
11/9/2012				<0.001	<0.001
5/8/2013	<0.001	<0.001	<0.001	<0.001	<0.001
11/4/2013	<0.001	<0.001	<0.001	<0.001	<0.001
5/24/2014	<0.001	<0.001	<0.001	<0.001	<0.001
11/7/2014	<0.001		<0.001	<0.001	<0.001
11/8/2014		<0.001			
5/20/2015					<0.001
5/22/2015	<0.001	<0.001	<0.001	<0.001	
11/13/2015	<0.001	<0.001	<0.001	<0.001	<0.001
4/8/2016					<0.001
4/11/2016	<0.001	<0.001	<0.001	<0.001	
10/11/2016	<0.001	<0.001			
10/13/2016			<0.001	<0.001	<0.001
4/7/2017		<0.001			
4/10/2017	<0.001		<0.001		
4/11/2017				<0.001	<0.001
10/10/2017	<0.001	<0.001			
10/11/2017			<0.001	<0.001	<0.001
3/23/2018		<0.001			
3/26/2018	<0.001		<0.001	<0.001	<0.001
10/4/2018	<0.001	<0.001	<0.001	<0.001	<0.001
3/27/2019			<0.001		
3/28/2019	<0.001	<0.001		<0.001	<0.001
9/12/2019	<0.001	<0.001	<0.001	<0.001	<0.001
3/19/2020	<0.001	<0.001	<0.001	<0.001	<0.001
9/10/2020	<0.001	<0.001			
9/11/2020			<0.001	<0.001	<0.001
4/5/2021			<0.001	<0.001	
4/6/2021	<0.001	<0.001			<0.001
8/13/2021	<0.001	<0.001	<0.001		<0.001
8/17/2021				<0.001	
2/14/2022	<0.001	<0.001		<0.001	<0.001
2/15/2022			<0.001		
8/31/2022	<0.001	<0.001	<0.001	<0.001	<0.001
2/28/2023			<0.001		<0.001
3/1/2023	<0.001	<0.001		<0.001	
8/3/2023	<0.001	<0.001	<0.001	<0.001	<0.001
3/4/2024	<0.001	<0.001	<0.001	<0.001	<0.001
8/8/2024	<0.001	<0.001	<0.001	<0.001	<0.001

Time Series

Constituent: Sulfate (mg/L) Analysis Run 12/2/2024 12:48 PM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
4/6/2016	0.813 (J)						
4/7/2016			107.095	0.594 (J)		1.522	0.507 (J)
4/8/2016		<1			<1		
6/14/2016	<1.1	<1	160	<1	<1		<1
6/17/2016						1.1	
8/9/2016		<1	130	<1	<1		<1
8/10/2016	0.9 (J)					1.1	
10/10/2016			140	<1			
10/11/2016	0.99 (J)	<1			<1		<1
10/14/2016						0.89 (J)	
12/2/2016	0.99 (J)		150	<1			<1
12/5/2016		<1			<1		
12/19/2016						1.2	
2/9/2017			150				<1
2/10/2017	1.4	<1		<1	<1		
2/13/2017						1.4	
4/7/2017		<1	140	<1	<1	1.2	<1
4/10/2017	1.6						
6/22/2017			160		<1	1.1	<1
6/23/2017	1.8			<1			
6/26/2017		<1					
10/9/2017	2.5	<1					
10/10/2017			160	<1	<1	0.92 (J)	<1
3/22/2018			150 (D)		<1		<1
3/23/2018				<1		1.3	
3/26/2018	2.3	<1 (D)					
10/3/2018	1.9	<1	140			1.2	<1
10/4/2018				<1			
10/5/2018					<1		
3/27/2019	0.81 (J)	<1	140	0.52 (J)	<1	1.6	0.56 (J)
9/12/2019	1.3	0.38 (J)	170	0.61 (J)	0.4 (J)	1.2	0.77 (J)
3/19/2020	0.92 (J)	<1	150	0.39 (J)		1.5	0.56 (J)
3/20/2020					0.58 (J)		
9/10/2020	1.3	<1					0.42 (J)
9/11/2020			170	0.99 (J)	0.39 (J)	1.3	
4/2/2021	0.99 (J)	<1	180				
4/5/2021				<1	<1	1.3	
4/6/2021							<1
8/12/2021	1.8	<1	180	1		1	<1
8/13/2021					<1		
2/14/2022	1		130	<1	<1	1.2	0.85 (J)
2/15/2022		0.87 (J)					
8/26/2022	2.7	<1					
8/30/2022							0.76 (J)
8/31/2022			170	1.1	1.1	1.6	
2/28/2023	2.7	1.7	170	1.7	1.6	2.5	
3/1/2023							1.2
8/2/2023	1.4						
8/3/2023		<1	170	0.49 (J)	<1	0.94 (J)	0.46 (J)
2/29/2024	2.8						
3/4/2024		<1	160	0.64 (J)	0.46 (J)	1.4	0.66 (J)
8/6/2024	1.7						

Time Series

Constituent: Sulfate (mg/L) Analysis Run 12/2/2024 12:48 PM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
8/8/2024		<1	300	<1	<1	0.66 (J)	
8/9/2024							<1
11/7/2024			160 (R)				

Time Series

Constituent: Sulfate (mg/L) Analysis Run 12/2/2024 12:49 PM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/8/2016					135.355
4/11/2016	2.15	<1	0.415 (J)	<1	
6/15/2016	<2.5	<1			
6/16/2016			<0.7	10	140
8/10/2016	2.5	<1	<0.7		
8/11/2016				9.8	130
10/11/2016	2.7	<1			
10/13/2016			<0.7	11	140
12/2/2016		<1			
12/5/2016	2.6		<0.7	13	
12/6/2016					150
2/13/2017	2.4	<1	<0.7	14	160
4/7/2017		<1			
4/10/2017	2.3		<0.7		
4/11/2017				12	130
6/22/2017		<1			
6/23/2017	2.5		<0.7		
6/24/2017				12	160
10/10/2017	2.5	<1			
10/11/2017			<0.7	13	160
3/23/2018		<1			
3/26/2018	2.4		<0.7	20	160
10/4/2018	2.8	<1	<0.7	23	170
3/27/2019			2.7		
3/28/2019	3.2	0.38 (J)		29	170
9/12/2019	3.2	<1	0.65 (J)	34	170
3/19/2020	3.2	<1	0.71 (J)	40	170
9/10/2020	2.7	<1			
9/11/2020			2.6	39	160
4/5/2021			1.7	57	
4/6/2021	2.5	<1			160
8/13/2021	2.7	<1	1.4		170
8/17/2021				54	
2/14/2022	2.9	<1		56	150
2/15/2022			1.8		
8/31/2022	2.8	0.88 (J)	2.4	65	170
2/28/2023			3.2		170
3/1/2023	2.4	170		70	
8/3/2023	1.7	<1	2.2	74	170
3/4/2024	2.1	<1	2.9	90	180
8/8/2024	1.7	<1	2.8	41	340
11/7/2024					180 (R)

Time Series

Constituent: Thallium, Total (mg/L) Analysis Run 12/2/2024 12:49 PM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			0.00026 (J)	<0.001	<0.001		
12/21/2010						<0.001	<0.001
12/22/2010	<0.001	<0.001					
2/1/2011				<0.001	<0.001		
2/14/2011	<0.001	<0.001	<0.001			<0.001	<0.001
3/21/2011			<0.001	<0.001			<0.001
3/22/2011	<0.001	<0.001					
3/23/2011					<0.001	<0.001	
4/26/2011	<0.001	<0.001	<0.001	<0.001			<0.001
4/27/2011					<0.001	<0.001	
10/25/2011						<0.001	
10/26/2011			<0.001		<0.001		<0.001
10/27/2011	<0.001	<0.001		<0.001			
5/1/2012	<0.001	<0.001	<0.001		<0.001	<0.001	
5/2/2012				<0.001			<0.001
11/8/2012	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
5/7/2013	<0.001	<0.001		<0.001	<0.001	<0.001	
5/8/2013			<0.001				<0.001
11/4/2013	0.00025 (J)	<0.001	<0.001	<0.001			
11/5/2013					<0.001	<0.001	<0.001
5/23/2014					<0.001	<0.001	<0.001
5/24/2014	<0.001	<0.001	<0.001	<0.001			
11/7/2014			0.00032	<0.001	<0.001	<0.001	<0.001
11/8/2014	0.00048	0.00086					
5/20/2015			<0.001	<0.001			
5/21/2015	<0.001	<0.001			<0.001	<0.001	<0.001
11/12/2015					<0.001	<0.001	<0.001
11/13/2015	<0.001	<0.001	<0.001	<0.001			
4/6/2016	<0.001						
4/7/2016			<0.001	<0.001		<0.001	<0.001
4/8/2016		<0.001			<0.001		
6/14/2016	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001
6/17/2016						<0.001	
8/9/2016		<0.001	<0.001	<0.001	<0.001		<0.001
8/10/2016	<0.001					<0.001	
10/10/2016			<0.001	<0.001			
10/11/2016	<0.001	<0.001			<0.001		<0.001
10/14/2016						<0.001	
12/2/2016	<0.001		<0.001	<0.001			<0.001
12/5/2016		<0.001			<0.001		
12/19/2016						<0.001	
2/9/2017			<0.001				<0.001
2/10/2017	<0.001	<0.001		<0.001	<0.001		
2/13/2017						<0.001	
4/7/2017		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4/10/2017	<0.001						
6/22/2017			<0.001		<0.001	<0.001	<0.001
6/23/2017	<0.001			<0.001			
6/26/2017		<0.001					
10/9/2017	<0.001	<0.001					
10/10/2017			<0.001	<0.001	<0.001	<0.001	<0.001
3/22/2018			<0.001 (D)		<0.001		<0.001

Time Series

Constituent: Thallium, Total (mg/L) Analysis Run 12/2/2024 12:49 PM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
3/23/2018				<0.001		<0.001	
3/26/2018	<0.001	<0.001 (D)					
10/3/2018	<0.001	<0.001	<0.001			<0.001	<0.001
10/4/2018				<0.001			
10/5/2018					<0.001		
3/27/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
9/12/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
3/19/2020	<0.001	<0.001	0.00036 (J)	<0.001		0.00018 (J)	<0.001
3/20/2020					<0.001		
9/10/2020	<0.001	<0.001					<0.001
9/11/2020			<0.001	<0.001	<0.001	<0.001	
4/2/2021	0.00016 (J)	0.00036 (J)	<0.001				
4/5/2021				<0.001	<0.001	0.00043 (J)	
4/6/2021							<0.001
8/12/2021	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001
8/13/2021					<0.001		
2/14/2022	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001
2/15/2022		<0.001					
8/26/2022	<0.001	<0.001					
8/30/2022							<0.001
8/31/2022			<0.001	<0.001	<0.001	<0.001	
2/28/2023	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
3/1/2023							<0.001
8/2/2023	<0.001						
8/3/2023		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2/29/2024	<0.001						
3/4/2024		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
8/6/2024	<0.001						
8/8/2024		<0.001	<0.001	<0.001	<0.001	<0.001	
8/9/2024							<0.001

Time Series

Constituent: Thallium, Total (mg/L) Analysis Run 12/2/2024 12:49 PM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					<0.001
12/21/2010				<0.001	
12/22/2010	<0.001	<0.001	<0.001		
2/14/2011					<0.001
2/15/2011	<0.001	<0.001	<0.001	<0.001	
3/21/2011				<0.001	<0.001
3/22/2011	<0.001	<0.001	<0.001		
4/27/2011	<0.001	<0.001	<0.001		<0.001
4/28/2011				<0.001	
10/26/2011	<0.001	<0.001	<0.001	<0.001	<0.001
5/1/2012				<0.001	<0.001
5/2/2012	<0.001	<0.001	<0.001		
11/8/2012	<0.001	<0.001	<0.001		
11/9/2012				<0.001	<0.001
5/8/2013	<0.001	0.00028	<0.001	<0.001	<0.001
11/4/2013	<0.001	<0.001	<0.001	<0.001	<0.001
5/24/2014	<0.001	<0.001	<0.001	<0.001	<0.001
11/7/2014	<0.001		<0.001	<0.001	<0.001
11/8/2014		<0.001			
5/20/2015					<0.001
5/22/2015	<0.001	<0.001	<0.001	<0.001	
11/13/2015	<0.001	<0.001	<0.001	<0.001	<0.001
4/8/2016					<0.001
4/11/2016	<0.001	<0.001	<0.001	<0.001	
6/15/2016	<0.001	<0.001			
6/16/2016			<0.001	<0.001	<0.001
8/10/2016	<0.001	<0.001	<0.001		
8/11/2016				<0.001	<0.001
10/11/2016	<0.001	<0.001			
10/13/2016			<0.001	<0.001	<0.001
12/2/2016		<0.001			
12/5/2016	<0.001		<0.001	<0.001	
12/6/2016					<0.001
2/13/2017	<0.001	<0.001	<0.001	<0.001	<0.001
4/7/2017		<0.001			
4/10/2017	<0.001		<0.001		
4/11/2017				<0.001	<0.001
6/22/2017		<0.001			
6/23/2017	<0.001		<0.001		
6/24/2017				<0.001	<0.001
10/10/2017	<0.001	<0.001			
10/11/2017			<0.001	<0.001	<0.001
3/23/2018		<0.001			
3/26/2018	<0.001		<0.001	<0.001	<0.001
10/4/2018	<0.001	<0.001	<0.001	<0.001	<0.001
3/27/2019			<0.001		
3/28/2019	<0.001	<0.001		<0.001	<0.001
9/12/2019	<0.001	<0.001	<0.001	<0.001	<0.001
3/19/2020	<0.001	<0.001	<0.001	<0.001	<0.001
9/10/2020	<0.001	<0.001			
9/11/2020			<0.001	<0.001	<0.001
4/5/2021			0.00022 (J)	<0.001	

Time Series

Constituent: Thallium, Total (mg/L) Analysis Run 12/2/2024 12:49 PM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/6/2021	<0.001	<0.001			<0.001
8/13/2021	<0.001	<0.001	<0.001		<0.001
8/17/2021				<0.001	
2/14/2022	<0.001	<0.001		<0.001	<0.001
2/15/2022			<0.001		
8/31/2022	<0.001	<0.001	<0.001	<0.001	<0.001
2/28/2023			<0.001		<0.001
3/1/2023	<0.001	<0.001		<0.001	
8/3/2023	<0.001	<0.001	<0.001	<0.001	<0.001
3/4/2024	<0.001	<0.001	<0.001	<0.001	<0.001
8/8/2024	<0.001	<0.001	<0.001	<0.001	<0.001

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 12/2/2024 12:49 PM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
4/6/2016	51						
4/7/2016			237	69		100	114
4/8/2016		74			89		
6/14/2016	62	111	240	<25	55		56 (O)
6/17/2016						69	
8/9/2016		44	230	40	90		100
8/10/2016	70					110	
10/10/2016			240	34			
10/11/2016	84	64			86		110
10/14/2016						100	
12/2/2016	74		270	50			94
12/5/2016		52			74		
12/19/2016						100	
2/9/2017			240				100
2/10/2017	100	86		60	100		
2/13/2017						80	
4/7/2017		68	260	70	92	86	100
4/10/2017	82						
6/22/2017			300		64	72	110
6/23/2017	72			42			
6/26/2017		76					
10/9/2017	82	50					
10/10/2017			280	34	68	70	100
3/22/2018			310		92		100
3/23/2018				52		86	
3/26/2018	94	56					
10/3/2018	72	42	190			88	96
10/4/2018				48			
10/5/2018					90		
3/27/2019	98	76	290	66	94	100	120
9/12/2019	130	72	340	97	88	110	120
3/19/2020	100	65	310	51		97	110
3/20/2020					99		
9/10/2020	110	56					130
9/11/2020			340	51	110	120	
4/2/2021	100	69	360				
4/5/2021				46	63	99	
4/6/2021							110
8/12/2021	98	68	330	55		100	120
8/13/2021					110		
2/14/2022	100		290	68	94	100	110
2/15/2022		85					
8/26/2022	110	83					
11/16/2022			300	55	94	100	110
2/28/2023	98	99	320	64	120	110	
3/1/2023							120
8/2/2023	98						
8/3/2023		77	310	63	100	100	130
2/29/2024	92						
3/4/2024		96	310	66	99	100	110
8/6/2024	87						
8/8/2024		73	290	67	100	94	

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 12/2/2024 12:49 PM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
8/9/2024							110

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 12/2/2024 12:49 PM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/8/2016					237
4/11/2016	88	79	88	103	
6/15/2016	114	79			
6/16/2016			74	117	231
8/10/2016	82	72	66		
8/11/2016				94	190
10/11/2016	92	76			
10/13/2016			72	110	230
12/2/2016		60			
12/5/2016	86		70	130	
12/6/2016					260
2/13/2017	62	58	12 (O)	92	230
4/7/2017		68			
4/10/2017	60		80		
4/11/2017				120	210
6/22/2017		16			
6/23/2017	74		66		
6/24/2017				120	250
10/10/2017	86	44			
10/11/2017			56	120	280
3/23/2018		96			
3/26/2018	58 (J)		72	98	240
10/4/2018	130	110	96	190	320
3/27/2019			76		
3/28/2019	88	65		140	280
9/12/2019	110	89	110	160	300
3/19/2020	110	64	66	160	270
9/10/2020	120	82			
9/11/2020			87	170	290
4/5/2021			66	170	
4/6/2021	110	49			250
8/13/2021	120	72	92		290
8/17/2021				180	
2/14/2022	120	79		150	280
2/15/2022			67		
11/16/2022	110	76	89	180	270
2/28/2023			84		280
3/1/2023	130	290		190	
8/3/2023	120	77	82	200	290
3/4/2024	110	68	86	200	310
8/8/2024	110	76	84	210	290

Time Series

Constituent: Vanadium, Total (mg/L) Analysis Run 12/2/2024 12:49 PM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			<0.0014	0.0024 (J)	0.0051 (J)		
12/21/2010						0.0091 (J)	0.016
12/22/2010	<0.0025	<0.0025					
2/1/2011				0.0021 (J)	0.012		
2/14/2011	<0.0025	<0.0025	<0.0014			0.013	0.016
3/21/2011			<0.0014	0.0025 (J)			0.018
3/22/2011	0.0028 (J)	0.0032 (J)					
3/23/2011					0.015	<0.01	
4/26/2011	0.0025 (J)	<0.0025	0.0022 (J)	0.0033 (J)			0.018
4/27/2011					0.022	0.0078 (J)	
10/25/2011						0.012 (O)	
10/26/2011			<0.0014		0.0043 (J)		0.018
10/27/2011	<0.0025	<0.0025		<0.0034			
5/1/2012	<0.0025	0.0037 (J)	0.0036 (J)		0.0069 (J)	0.019	
5/2/2012				0.0051 (J)			0.021
11/8/2012	<0.0025	<0.0025	0.0062 (O)	0.02 (O)	0.013	0.015	0.019
5/7/2013	<0.0025	0.0041 (J)		0.0036 (J)	0.017	0.017	
5/8/2013			<0.0014				0.02
11/4/2013	<0.0025	<0.0025	<0.0014	0.0043 (J)			
11/5/2013					0.013	0.015	0.018
5/23/2014					0.041 (o)	0.017	0.018
5/24/2014	<0.0025	<0.0025	<0.0014	0.0033 (J)			
11/7/2014			<0.0014	<0.0034	0.0069 (J)	0.013	0.018
11/8/2014	<0.0025	<0.0025					
5/20/2015			<0.0014	0.0062 (J)			
5/21/2015	<0.0025	0.0052 (J)			0.016	0.016	0.02
11/12/2015					0.013	0.018	0.016
11/13/2015	<0.0025	<0.0025	<0.0014	0.0046 (J)			
4/6/2016	0.00201 (J)						
4/7/2016			<0.0014	0.00293 (J)		0.016	0.0182
4/8/2016		<0.0025 (D)			<0.0053 (D)		
10/10/2016			<0.0014	0.0031			
10/11/2016	<0.0025	<0.0025			0.011		0.023
10/14/2016						0.018	
4/7/2017		0.0033	<0.0014	0.0041	0.0073	0.017	0.02
4/10/2017	0.002 (J)						
10/9/2017	<0.0025	<0.0025					
10/10/2017			0.0014 (J)	<0.0034	0.0032	0.015	0.016
3/22/2018			<0.0014 (D)		0.0068		0.018
3/23/2018				0.0032		0.016	
3/26/2018	0.0014 (J)	0.0029					
10/3/2018	0.0023 (J)	0.0022 (J)	<0.0014			0.017	0.018
10/4/2018				<0.0034 (X)			
10/5/2018					<0.0053 (X)		
3/27/2019	0.0072 (O)	0.0071 (O)	0.0023 (J)	0.0072	0.012	0.022	0.021
9/12/2019	0.0031	0.0025	0.0017	0.0033	0.0075	0.019	0.02
3/19/2020	0.003	0.0052	0.0031	0.0033		0.019	0.02
3/20/2020					0.0086		
9/10/2020	0.0027	0.0025					0.018
9/11/2020			0.0015	0.0026	0.007	0.017	
4/2/2021	0.0029	0.0045	0.0014				
4/5/2021				0.003	0.0085	0.019	

Time Series

Constituent: Vanadium, Total (mg/L) Analysis Run 12/2/2024 12:49 PM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
4/6/2021							0.021
8/12/2021	0.004	0.0028	0.0017	0.0031		0.019	0.02
8/13/2021					0.0078		
2/14/2022	0.0033		0.0028	0.0032	0.0076	0.019	0.02
2/15/2022		0.0083					
8/26/2022	0.0028	0.002					
8/30/2022							0.019
8/31/2022			0.0011	0.0027	0.0073	0.018	
2/28/2023	0.0036	0.0071	0.0018	0.0037	0.0078	0.02	
3/1/2023							0.019
8/2/2023	0.0035						
8/3/2023		0.0037	0.0012 (J)	0.0026	0.0072	0.017	0.019
2/29/2024	0.0025						
3/4/2024		0.0081	0.0024	0.0028	0.0078	0.018	0.018
8/6/2024	0.003						
8/8/2024		0.0034	0.00075 (J)	0.0019 (J)	0.0079	0.018	
8/9/2024							0.019

Time Series

Constituent: Vanadium, Total (mg/L) Analysis Run 12/2/2024 12:49 PM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					<0.002
12/21/2010				<0.01	
12/22/2010	0.0037 (J)	<0.001	0.0027 (J)		
2/14/2011					<0.002
2/15/2011	0.0043 (J)	<0.001	0.0036 (J)	0.0098 (J)	
3/21/2011				0.012	<0.002
3/22/2011	0.0039 (J)	0.0034 (J)	<0.0066		
4/27/2011	0.0035 (J)	0.0032 (J)	0.0046 (J)		<0.002
4/28/2011				0.011	
10/26/2011	0.0047 (J)	<0.001	<0.0066	0.012	<0.002
5/1/2012				0.011	0.0032 (J)
5/2/2012	0.0064 (J)	0.0039 (J)	0.0055 (J)		
11/8/2012	0.0051 (J)	0.0034 (J)	0.0042 (J)		
11/9/2012				0.011	<0.002
5/8/2013	0.0046 (J)	<0.001	0.0046 (J)	<0.01	<0.002
11/4/2013	0.0039 (J)	0.0035 (J)	0.0042 (J)	0.011	<0.002
5/24/2014	0.0053 (J)	0.0036 (J)	0.0061 (J)	0.012	<0.002
11/7/2014	0.0034 (J)		0.0032 (J)	0.01	<0.002
11/8/2014		<0.001			
5/20/2015					0.0065
5/22/2015	0.0068 (J)	0.0044 (J)	0.0056 (J)	0.013	
11/13/2015	0.0044 (J)	<0.001	<0.0066	0.014	<0.002
4/8/2016					0.0136 (O)
4/11/2016	0.00381 (J)	0.00254 (J)	0.00415 (J)	0.0107	
10/11/2016	<0.0053	<0.001			
10/13/2016			<0.0066	0.011	<0.002
4/7/2017		0.0024 (J)			
4/10/2017	0.0038		0.0043		
4/11/2017				0.011	<0.002
10/10/2017	0.0053	<0.001			
10/11/2017			0.0052	0.012	0.0019 (J)
3/23/2018		0.0023 (J)			
3/26/2018	0.0037		0.004	0.0096	<0.002
10/4/2018	<0.0053 (X)	<0.001 (X)	<0.0066 (X)	0.013	<0.002 (X)
3/27/2019			0.0087		
3/28/2019	0.0079	0.0053		0.01	0.0041
9/12/2019	0.0054	0.0028	0.0047	0.011	<0.002
3/19/2020	0.0044	0.0027	0.0046	0.01	<0.002
9/10/2020	0.0049	0.0026			
9/11/2020			0.0042	0.0099	<0.002
4/5/2021			0.0059	0.011	
4/6/2021	0.0045	0.0026			<0.002
8/13/2021	0.0061	0.0093	0.0072		0.0016
8/17/2021				0.011	
2/14/2022	0.0047	0.0042		0.011	0.0014
2/15/2022			0.0049		
8/31/2022	0.0055	0.0031	0.0038	0.01	0.00095 (J)
2/28/2023			0.0052		0.0023
3/1/2023	0.0051	<0.001		0.011	
8/3/2023	0.005	0.0029	0.0041	0.0088	<0.002
3/4/2024	0.0045	0.0025	0.0041	0.0098	0.00066 (J)
8/8/2024	0.0047	0.0021	0.0039	0.009	<0.002

Time Series

Constituent: Zinc, Total (mg/L) Analysis Run 12/2/2024 12:49 PM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			<0.005	<0.005	<0.005		
12/21/2010						<0.005	<0.005
12/22/2010	<0.005	<0.005					
2/1/2011				<0.005	<0.005		
2/14/2011	<0.005	<0.005	<0.005			<0.005	<0.005
3/21/2011			<0.005	<0.005			<0.005
3/22/2011	<0.005	<0.005					
3/23/2011					<0.005	<0.005	
4/26/2011	<0.005	<0.005	<0.005	<0.005			<0.005
4/27/2011					<0.005	<0.005	
10/25/2011						<0.005	
10/26/2011			<0.005		<0.005		<0.005
10/27/2011	<0.005	<0.005		<0.005			
5/1/2012	<0.005	<0.005	<0.005		<0.005	<0.005	
5/2/2012				<0.005			<0.005
11/8/2012	<0.005	<0.005	<0.005	0.013 (O)	<0.005	<0.005	<0.005
5/7/2013	<0.005	<0.005		<0.005	0.0087	<0.005	
5/8/2013			<0.005				<0.005
11/4/2013	<0.005	<0.005	<0.005	<0.005			
11/5/2013					<0.005	<0.005	<0.005
5/23/2014					0.014 (O)	<0.005	<0.005
5/24/2014	<0.005	<0.005	<0.005	<0.005			
11/7/2014			<0.005	<0.005	<0.005	<0.005	<0.005
11/8/2014	<0.005	<0.005					
5/20/2015			<0.005	<0.005			
5/21/2015	<0.005	<0.005			<0.005	<0.005	<0.005
11/12/2015					<0.005	<0.005	<0.005
11/13/2015	<0.005	0.039 (O)	<0.005	<0.005			
4/6/2016	<0.005						
4/7/2016			0.00345 (J)	0.00265 (J)		0.00287 (J)	0.00208 (J)
10/10/2016			<0.005	<0.005			
10/11/2016	<0.005	<0.005			<0.005		<0.005
10/14/2016						<0.005	
4/7/2017		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
4/10/2017	<0.005						
10/9/2017	<0.005	<0.005					
10/10/2017			<0.005	0.0096 (J)	<0.005	<0.005	<0.005
3/22/2018			<0.005 (D)		<0.005		<0.005
3/23/2018				<0.005		<0.005	
3/26/2018	<0.005	<0.005 (D)					
10/3/2018	<0.005	<0.005	<0.005			<0.005	<0.005
10/4/2018				<0.005			
10/5/2018					<0.005		
3/27/2019	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
9/12/2019	0.0046 (J)	0.0085	0.0095	0.0091	0.0049 (J)	0.0048 (J)	0.0041 (J)
3/19/2020	<0.005	<0.005	0.0037 (J)	0.0035 (J)		<0.005	<0.005
3/20/2020					<0.005		
9/10/2020	0.0048 (J)	<0.005					<0.005
9/11/2020			0.0098	0.0038 (J)	<0.005	<0.005	
4/2/2021	<0.005	<0.005	0.0058				
4/5/2021				0.0049 (J)	<0.005	<0.005	
4/6/2021							<0.005

Time Series

Constituent: Zinc, Total (mg/L) Analysis Run 12/2/2024 12:49 PM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
8/12/2021	<0.005	<0.005	0.006	<0.005		<0.005	<0.005
8/13/2021					<0.005		
2/14/2022	<0.005		0.003 (J)	<0.005	<0.005	<0.005	<0.005
2/15/2022		0.003 (J)					
8/26/2022	<0.005	<0.005					
8/30/2022							<0.005
8/31/2022			0.0051	0.0032 (J)	<0.005	0.0039 (J)	
2/28/2023	<0.005	<0.005	0.0062 (J)	<0.005	<0.005	<0.005	
3/1/2023							<0.005
8/2/2023	<0.005						
8/3/2023		<0.005	0.0051	0.0037 (J)	<0.005	<0.005	<0.005
2/29/2024	<0.005						
3/4/2024		0.0059	0.0035 (J)	<0.005	<0.005	<0.005	<0.005
8/6/2024	<0.005						
8/8/2024		<0.005	0.0046 (J)	0.003 (J)	<0.005	<0.005	
8/9/2024							<0.005

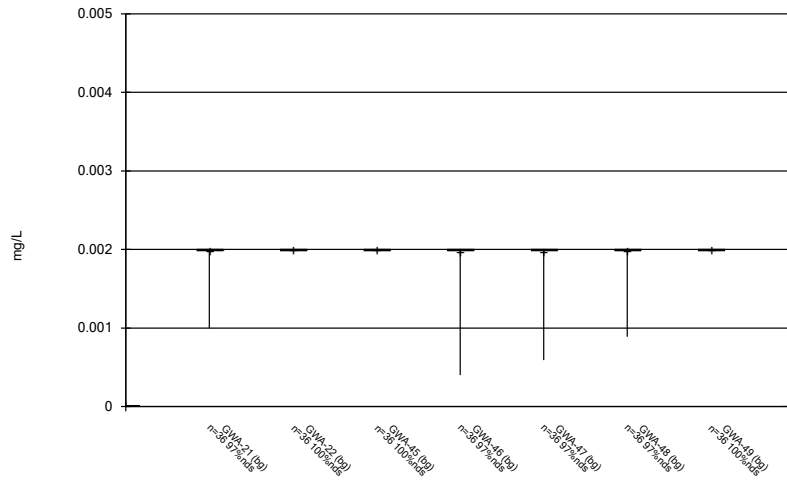
Time Series

Constituent: Zinc, Total (mg/L) Analysis Run 12/2/2024 12:49 PM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					0.0095 (J)
12/21/2010				<0.005	
12/22/2010	<0.005	<0.005	<0.005		
2/14/2011					0.0092 (J)
2/15/2011	<0.005	<0.005	<0.005	<0.005	
3/21/2011				<0.005	0.011 (J)
3/22/2011	<0.005	<0.005	<0.005		
4/27/2011	<0.005	<0.005	<0.005		0.0096 (J)
4/28/2011				<0.005	
10/26/2011	<0.005	<0.005	<0.005	<0.005	0.011 (J)
5/1/2012				<0.005	0.012 (J)
5/2/2012	<0.005	<0.005	<0.005		
11/8/2012	<0.005	<0.005	<0.005		
11/9/2012				<0.005	0.014 (J)
5/8/2013	<0.005	<0.005	<0.005	<0.005	0.016 (J)
11/4/2013	<0.005	<0.005	<0.005	<0.005	0.014 (J)
5/24/2014	<0.005	<0.005	<0.005	<0.005	0.013 (J)
11/7/2014	<0.005		<0.005	<0.005	0.014 (J)
11/8/2014		<0.005			
5/20/2015					0.015 (J)
5/22/2015	<0.005	<0.005	<0.005	<0.005	
11/13/2015	<0.005	<0.005	<0.005	<0.005	0.015 (J)
4/11/2016	<0.005	<0.005	0.00333 (J)	<0.005	
10/11/2016	<0.005	<0.005			
10/13/2016			<0.005	<0.005	0.015 (J)
4/7/2017		<0.005			
4/10/2017	<0.005		<0.005		
4/11/2017				0.0065 (J)	0.015 (J)
10/10/2017	<0.005	<0.005			
10/11/2017			<0.005	<0.005	0.019 (J)
3/23/2018		<0.005			
3/26/2018	<0.005		<0.005	<0.005	0.016 (J)
10/4/2018	<0.005	0.0076	<0.005	<0.005	0.017 (J)
3/27/2019			<0.005		
3/28/2019	<0.005	<0.005		<0.005	0.013 (J)
9/12/2019	0.0058	0.0057	0.0042 (J)	0.0073	0.02
3/19/2020	<0.005	0.0037 (J)	<0.005	<0.005	0.014
9/10/2020	<0.005	<0.005			
9/11/2020			<0.005	<0.005	0.014
4/5/2021			<0.005	<0.005	
4/6/2021	<0.005	<0.005			0.014
8/13/2021	<0.005	0.0053	<0.005		0.017
8/17/2021				<0.005	
2/14/2022	<0.005	<0.005		<0.005	0.014
2/15/2022			<0.005		
8/31/2022	<0.005	<0.005	<0.005	<0.005	0.015
2/28/2023			<0.005		0.014 (J)
3/1/2023	<0.005	0.016		<0.005	
5/2/2023		<0.005 (R)			
8/3/2023	<0.005	0.0033 (J)	0.0035 (J)	<0.005	0.015
3/4/2024	<0.005	<0.005	<0.005	<0.005	0.013
8/8/2024	<0.005	<0.005	<0.005	<0.005	0.015

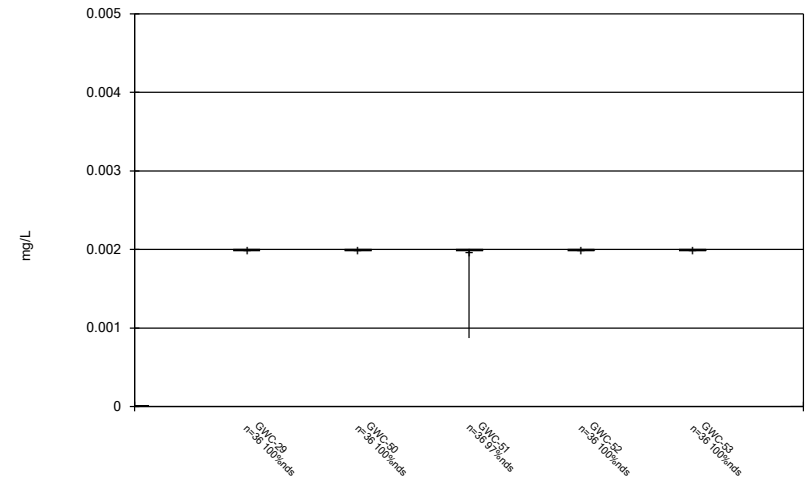
FIGURE B.

Box & Whiskers Plot



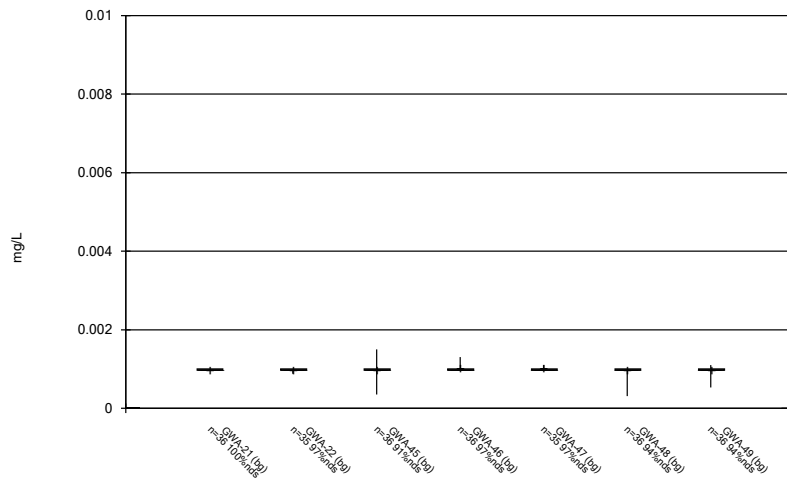
Constituent: Antimony, Total Analysis Run 12/2/2024 12:52 PM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



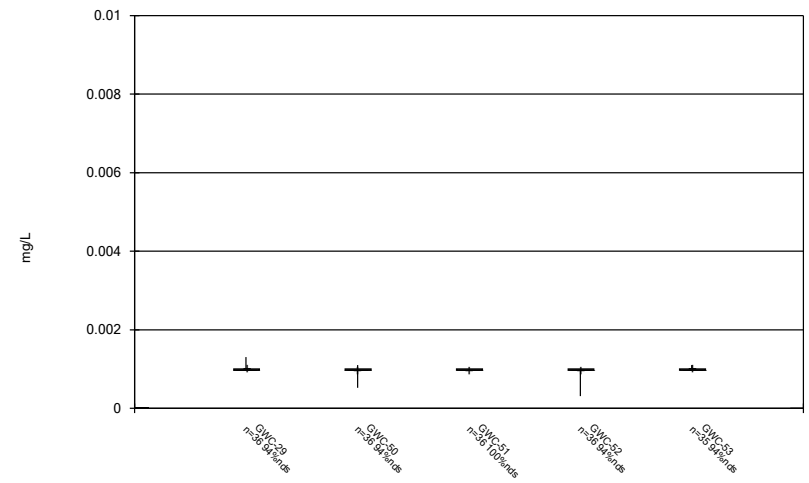
Constituent: Antimony, Total Analysis Run 12/2/2024 12:52 PM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



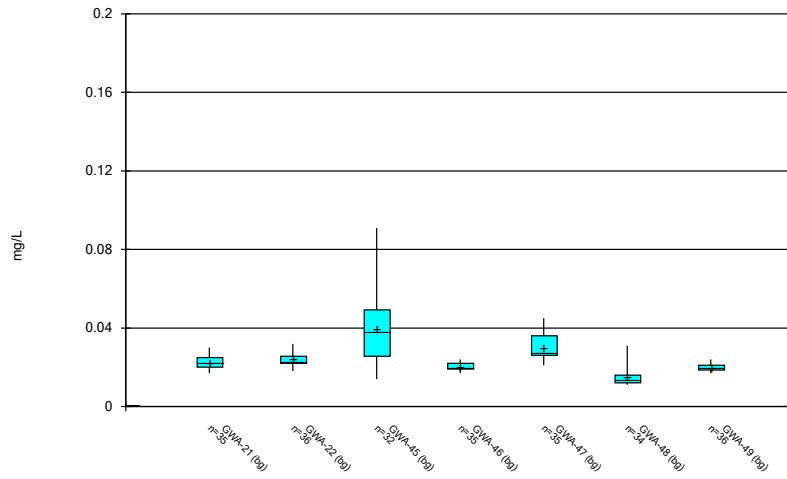
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



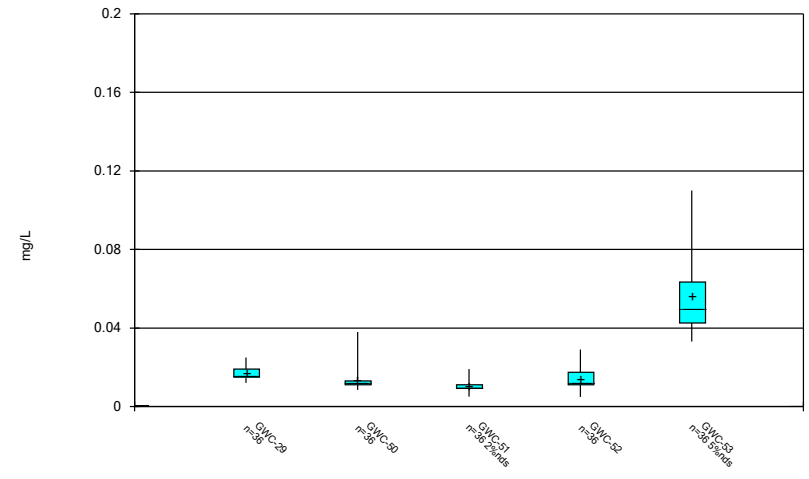
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



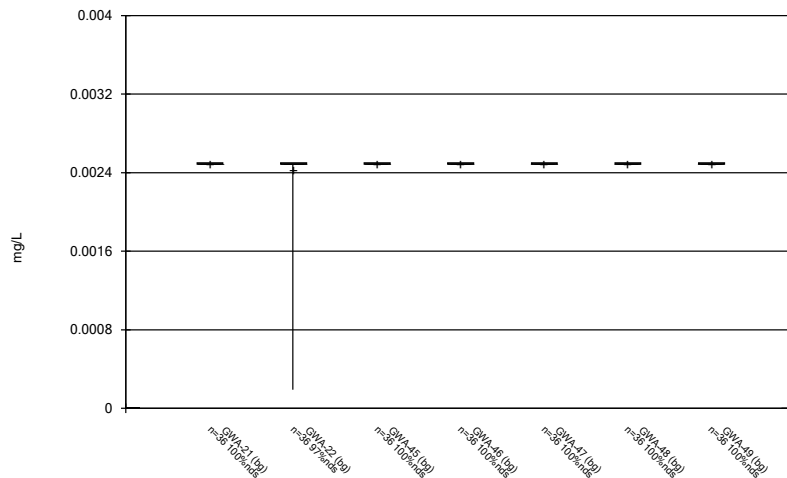
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



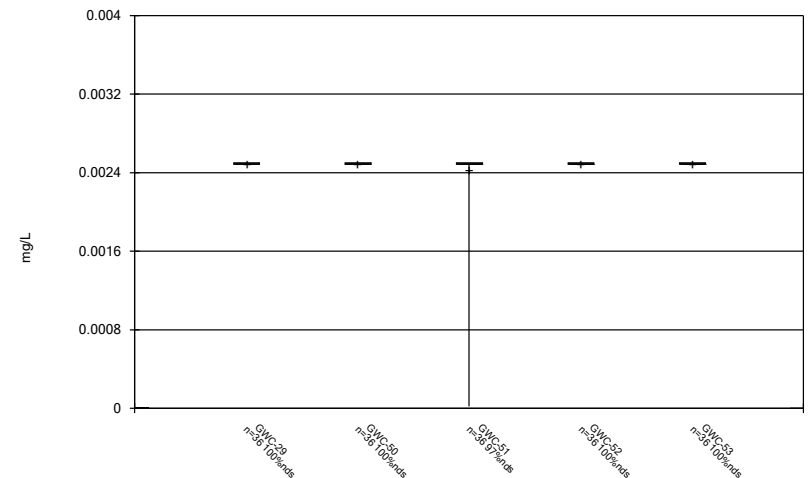
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



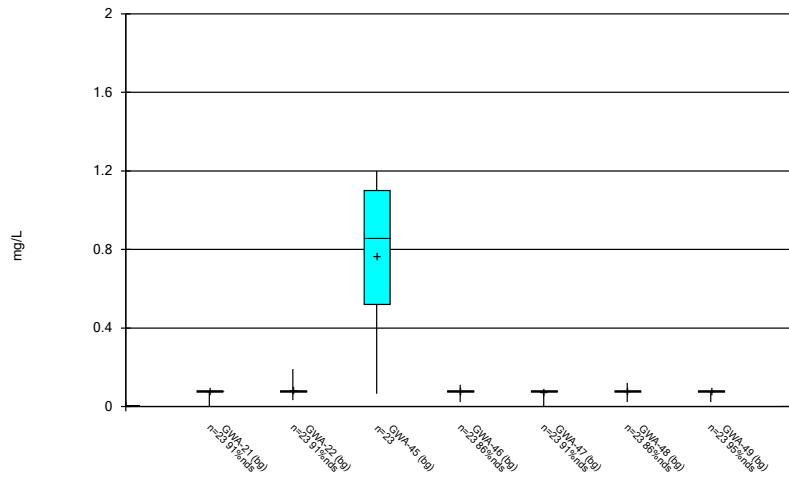
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



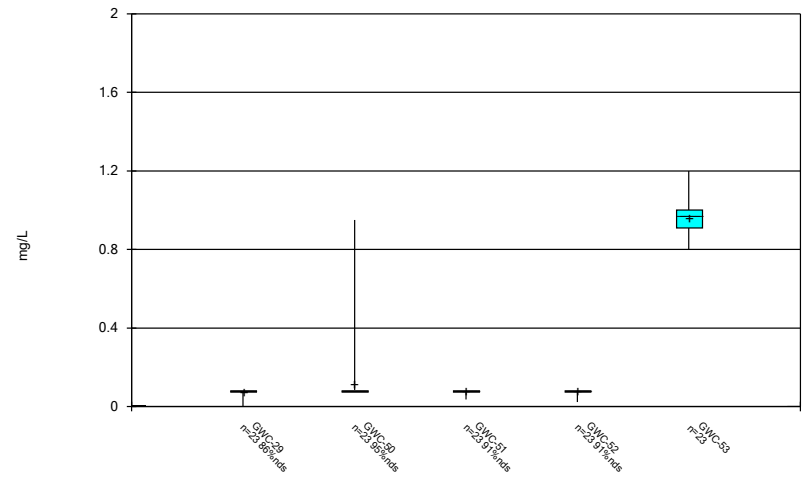
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Box & Whiskers Plot



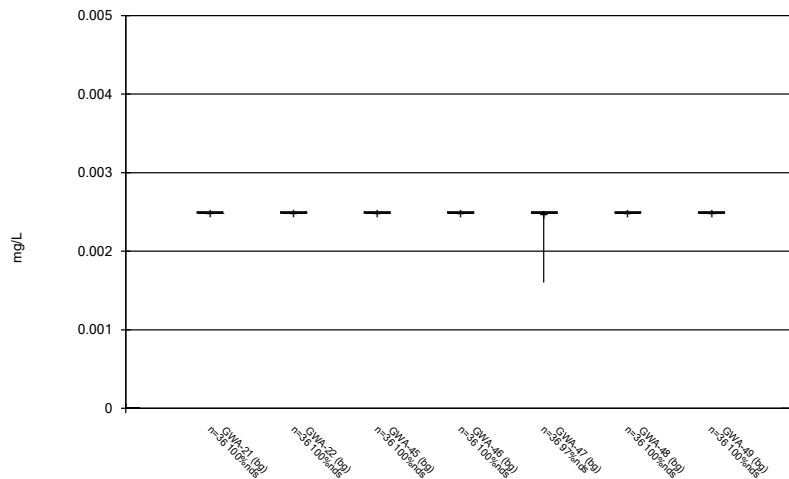
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Box & Whiskers Plot



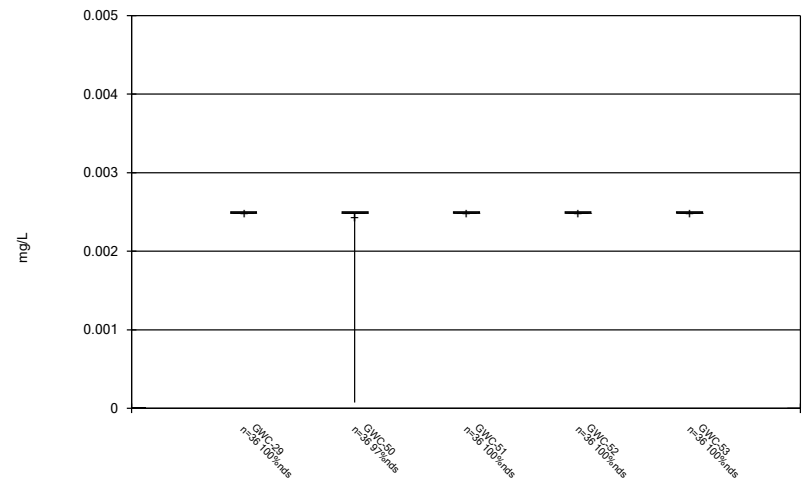
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Box & Whiskers Plot



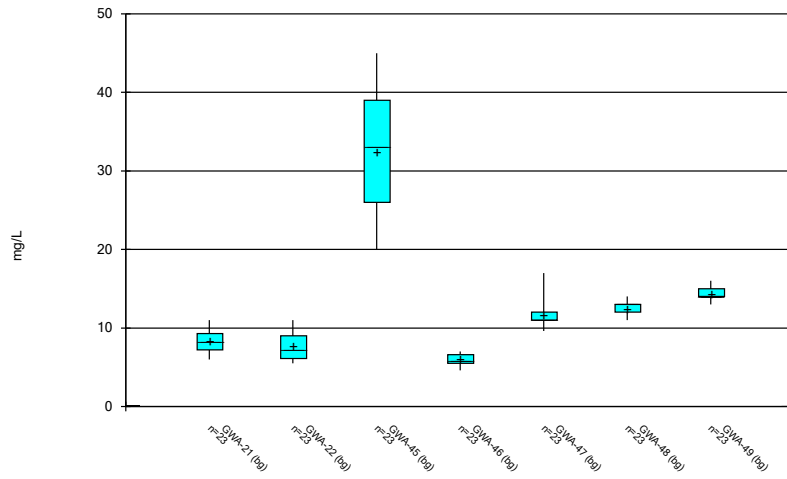
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



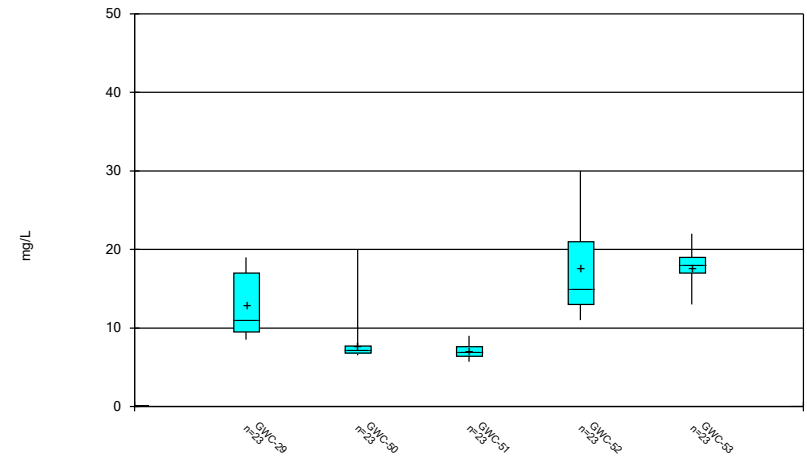
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Box & Whiskers Plot



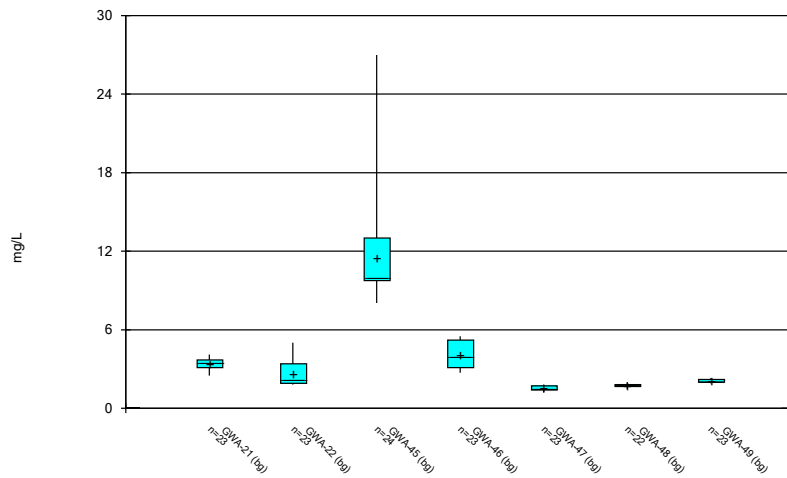
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



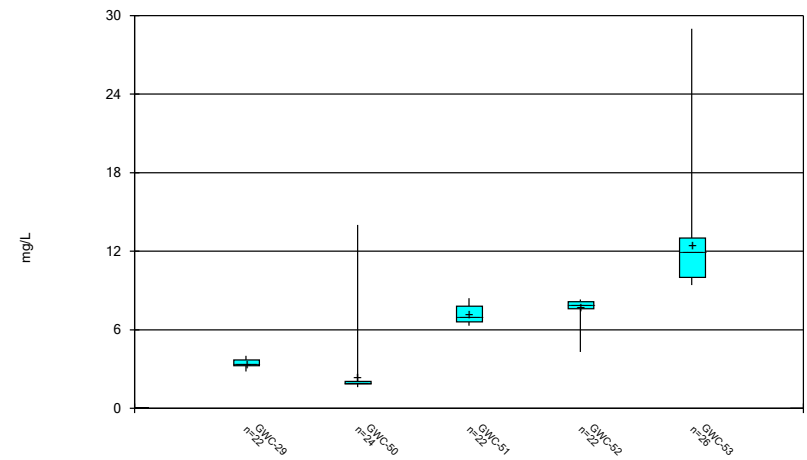
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



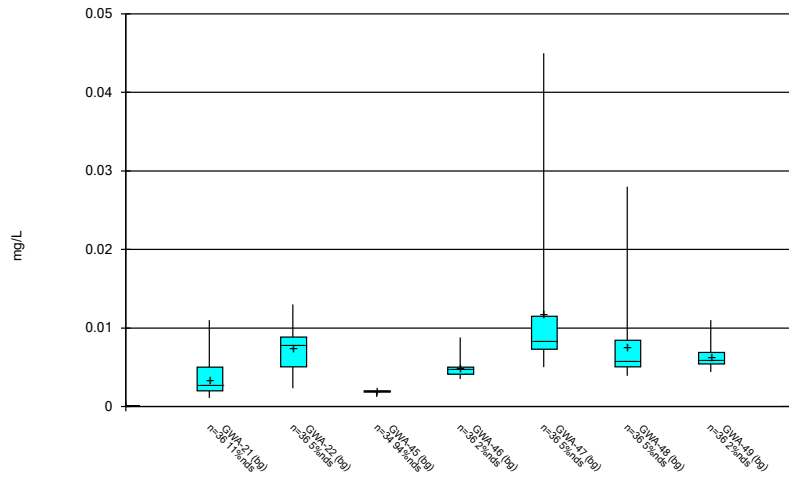
Constituent: Chloride Analysis Run 12/2/2024 12:52 PM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



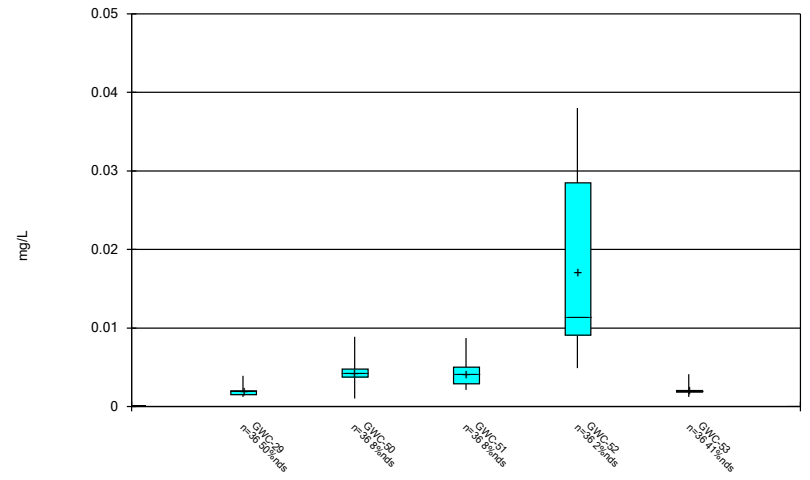
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



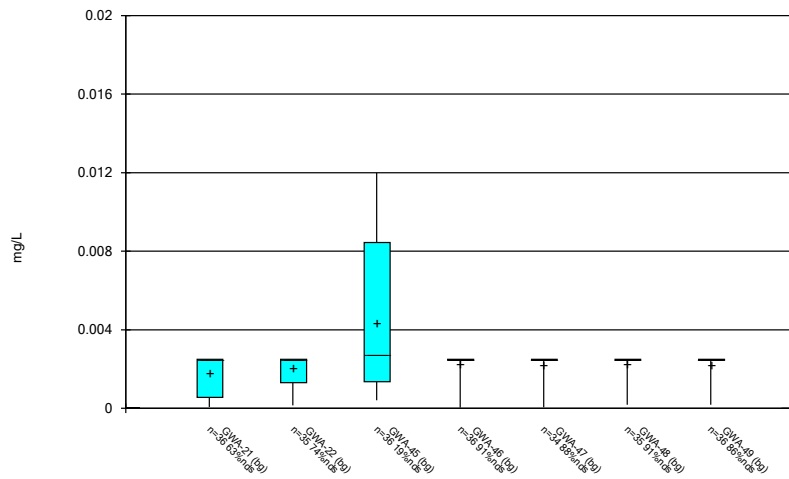
Constituent: Chromium, Total Analysis Run 12/2/2024 12:52 PM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



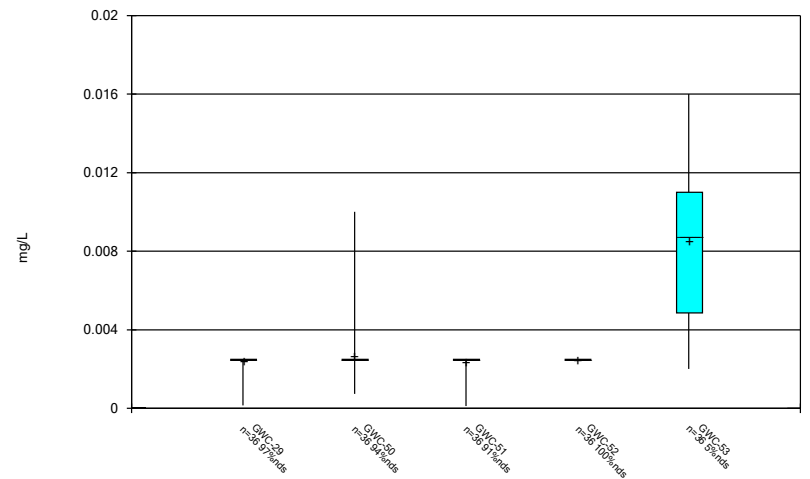
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



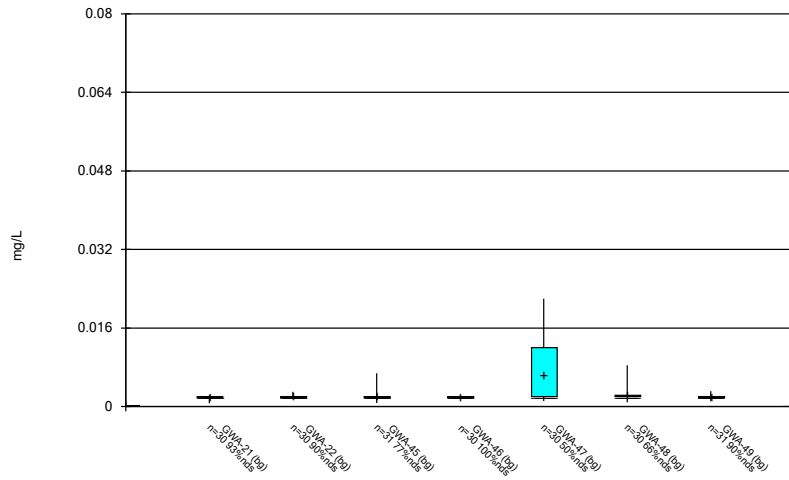
Constituent: Cobalt, Total Analysis Run 12/2/2024 12:52 PM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



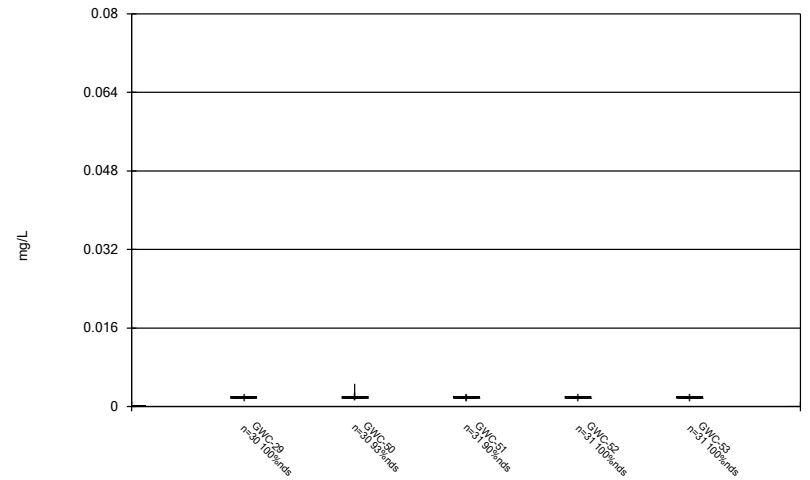
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



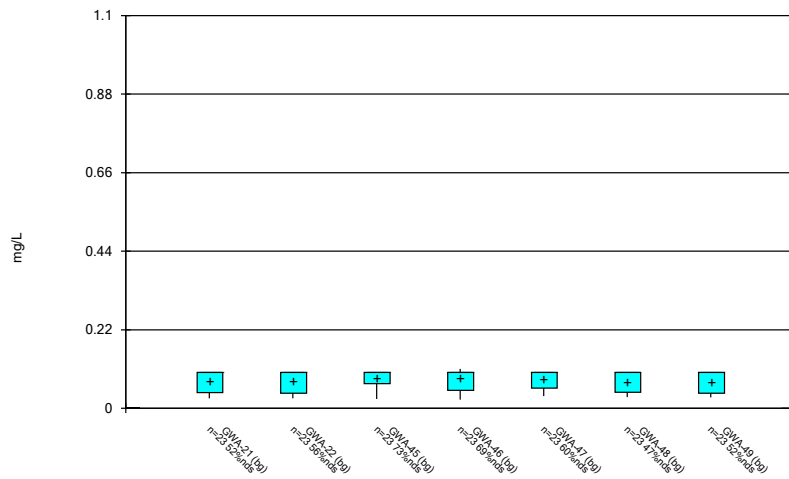
Constituent: Copper, Total Analysis Run 12/2/2024 12:52 PM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



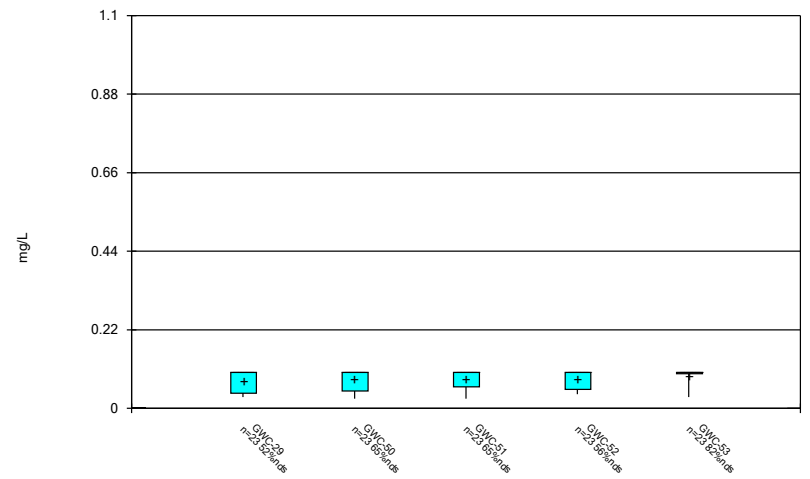
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



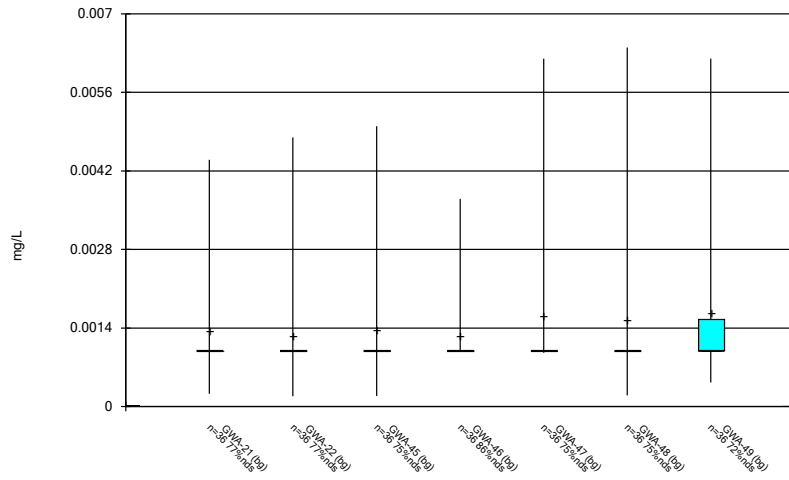
Constituent: Fluoride Analysis Run 12/2/2024 12:52 PM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



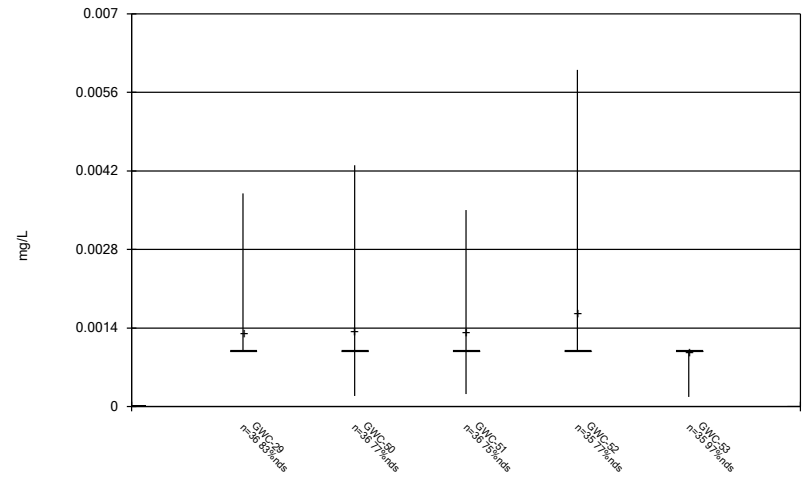
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



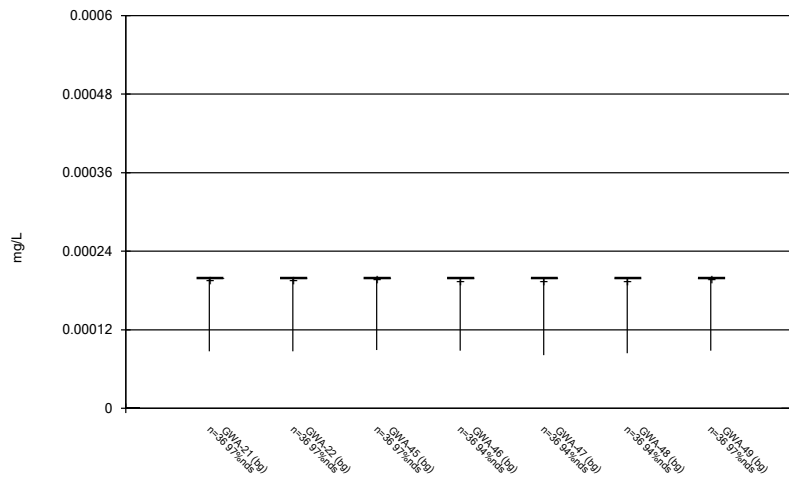
Constituent: Lead, Total Analysis Run 12/2/2024 12:52 PM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



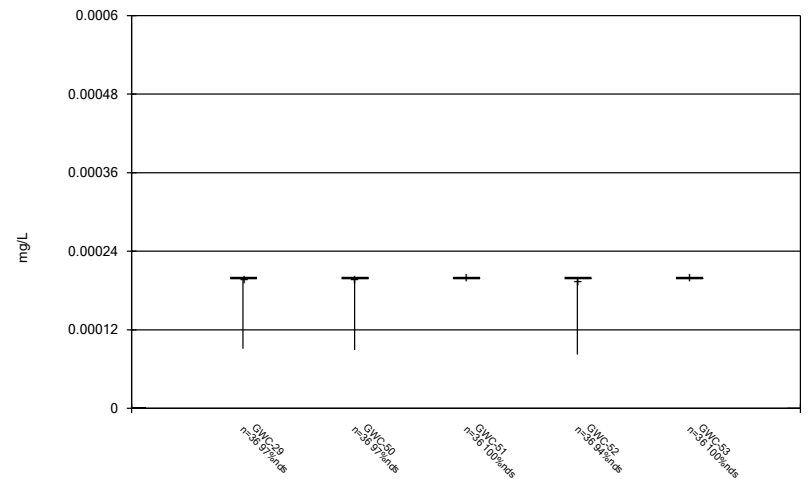
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 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



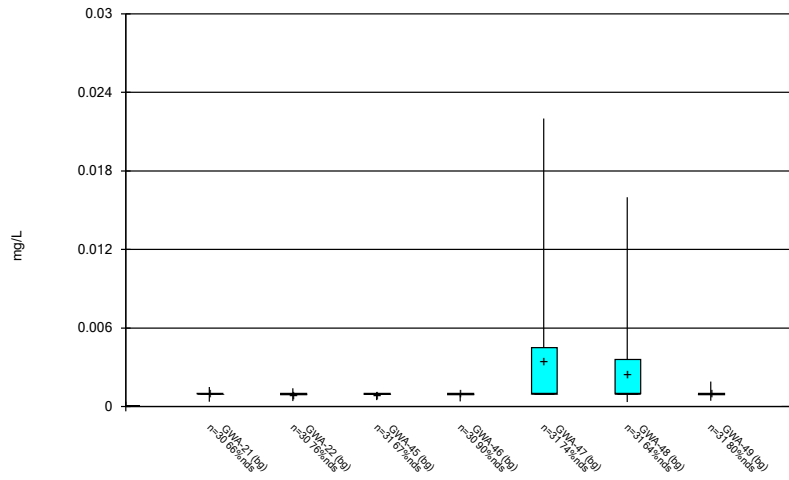
Constituent: Mercury, Total Analysis Run 12/2/2024 12:52 PM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



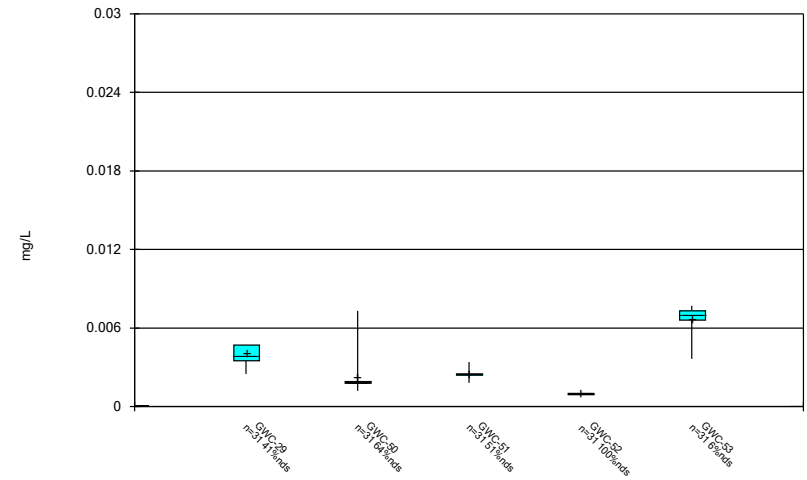
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 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



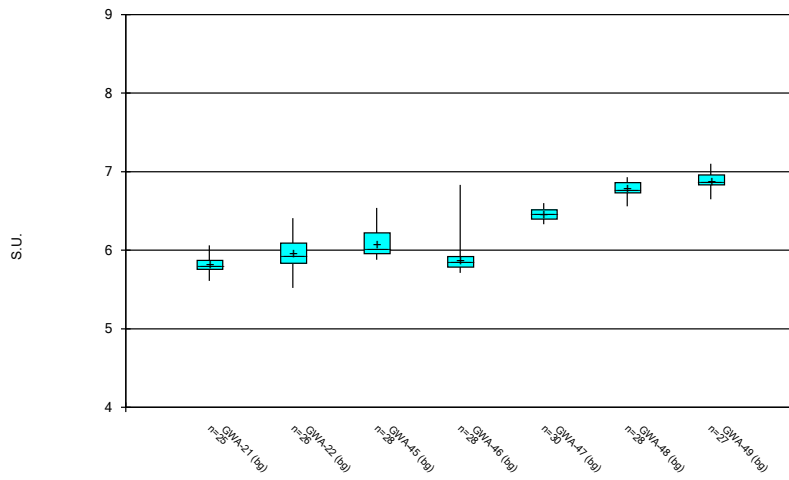
Constituent: Nickel, Total Analysis Run 12/2/2024 12:52 PM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



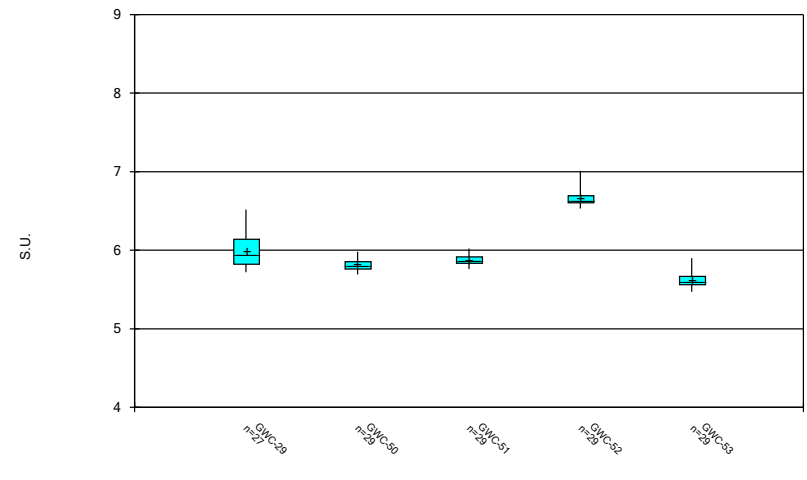
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



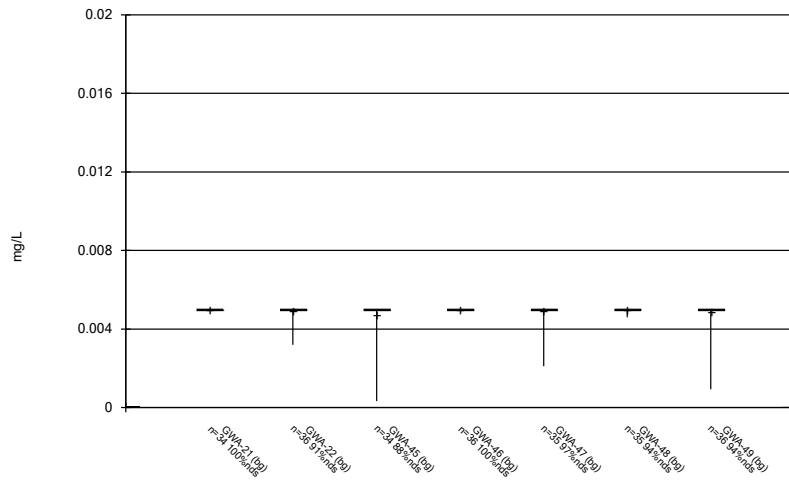
Constituent: pH Analysis Run 12/2/2024 12:52 PM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



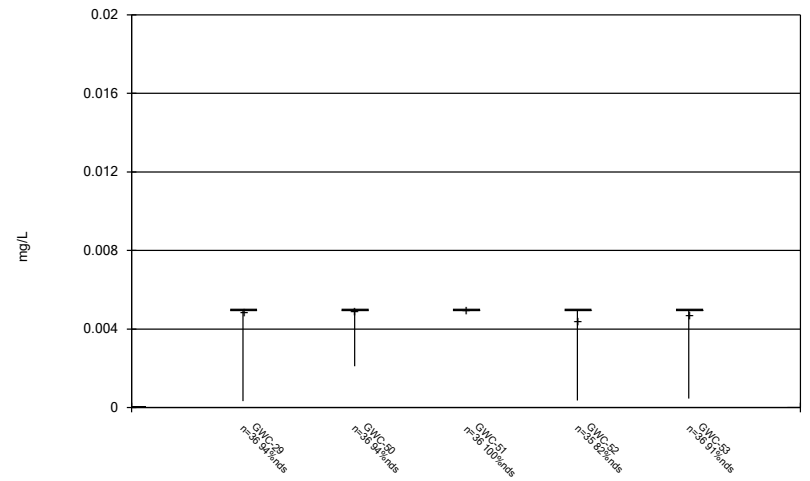
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



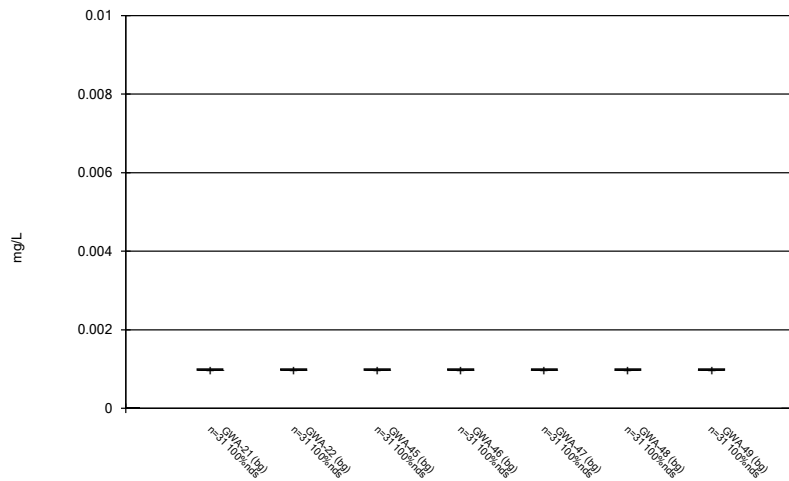
Constituent: Selenium, Total Analysis Run 12/2/2024 12:52 PM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



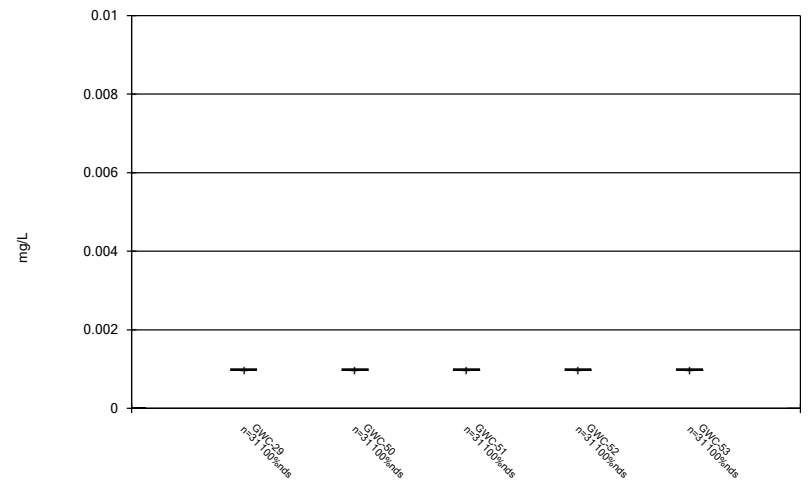
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



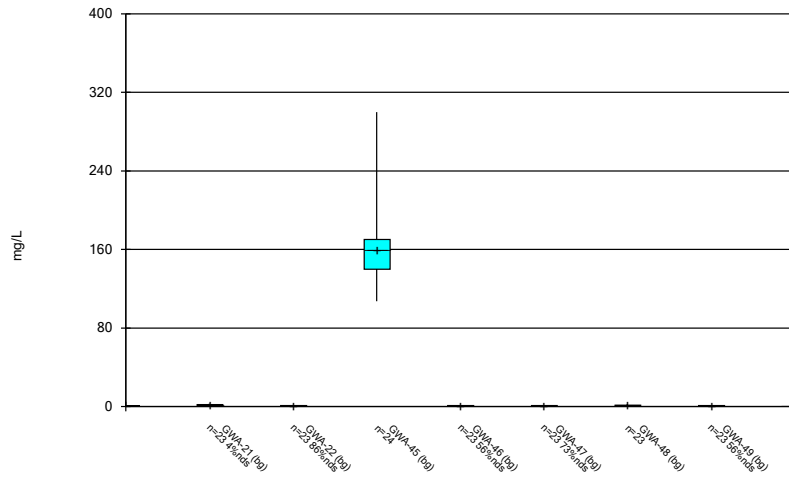
Constituent: Silver, Total Analysis Run 12/2/2024 12:52 PM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



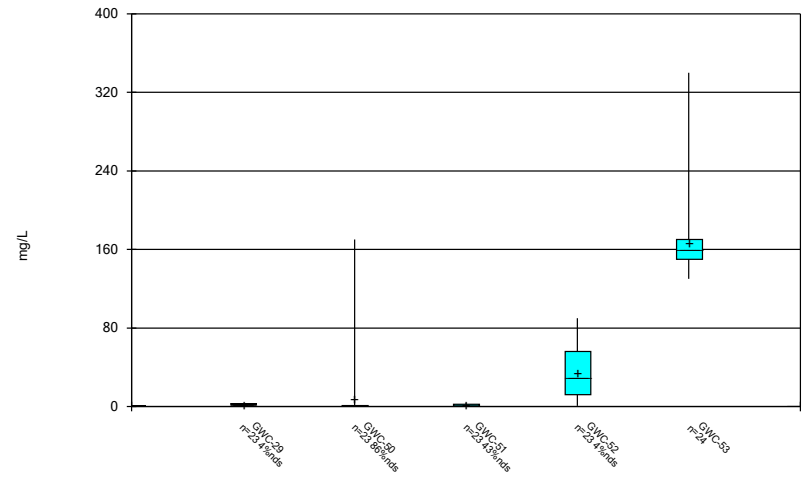
Constituent: Silver, Total Analysis Run 12/2/2024 12:52 PM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



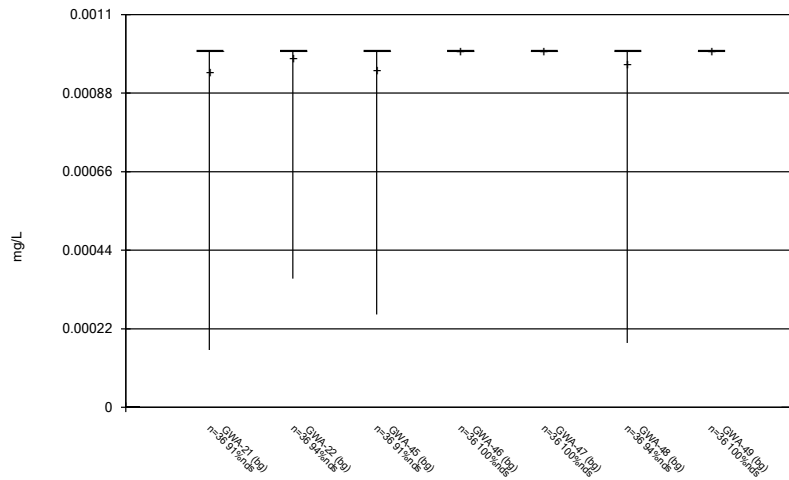
Constituent: Sulfate Analysis Run 12/2/2024 12:53 PM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



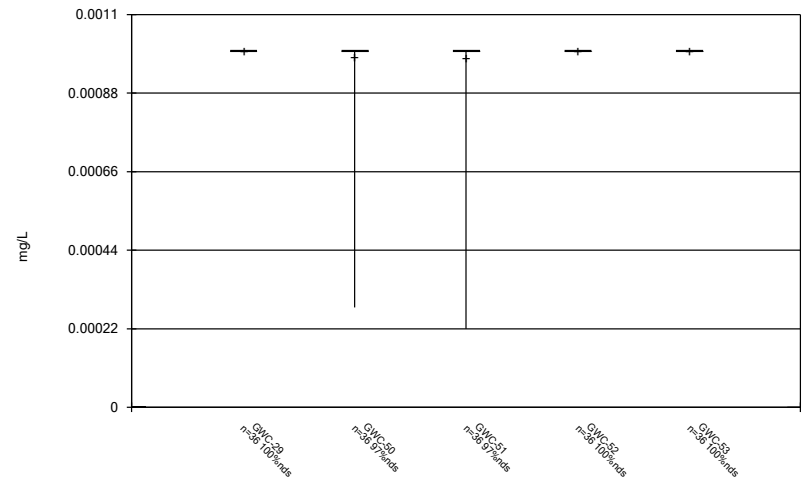
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



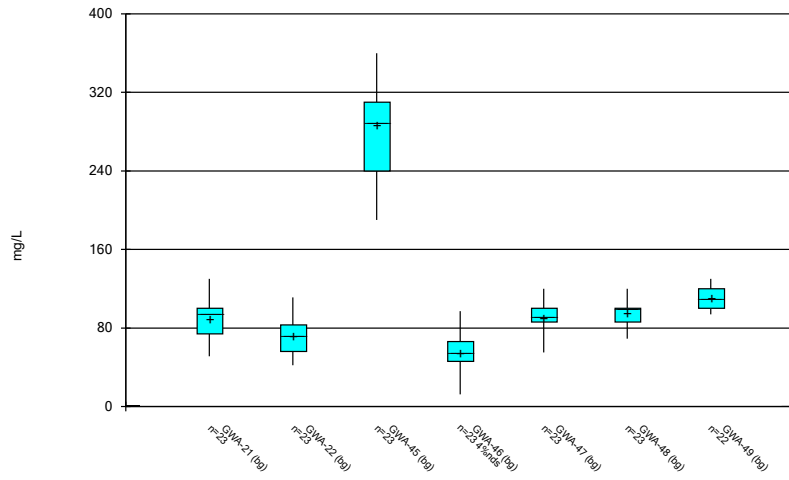
Constituent: Thallium, Total Analysis Run 12/2/2024 12:53 PM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



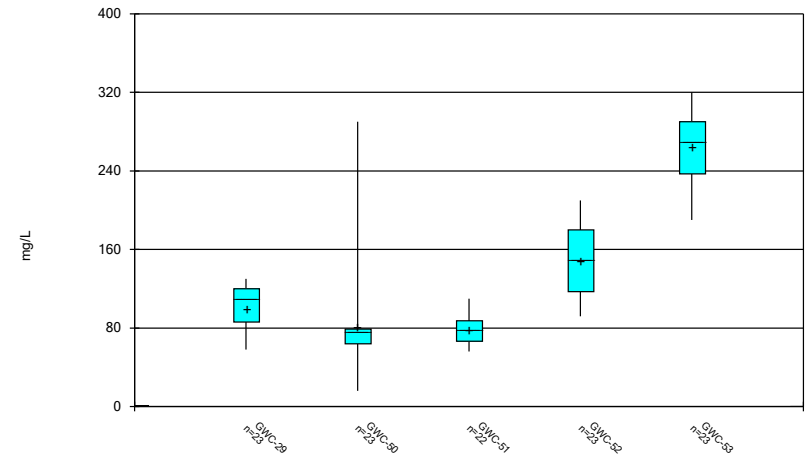
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



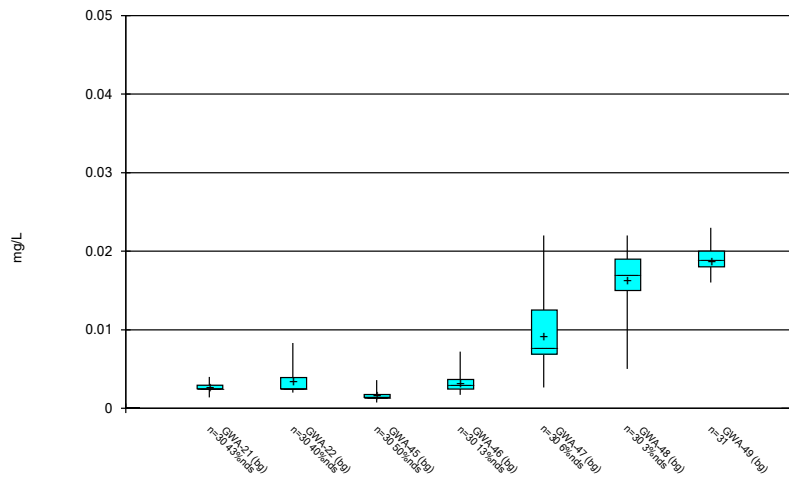
Constituent: Total Dissolved Solids Analysis Run 12/2/2024 12:53 PM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



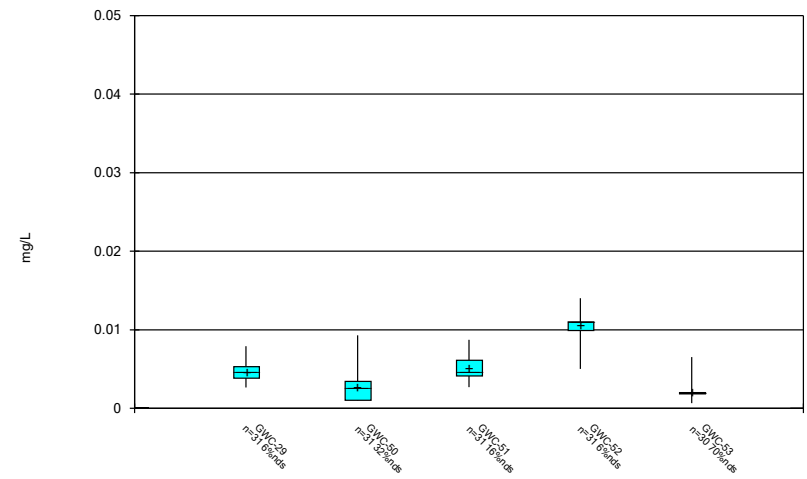
Constituent: Total Dissolved Solids Analysis Run 12/2/2024 12:53 PM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



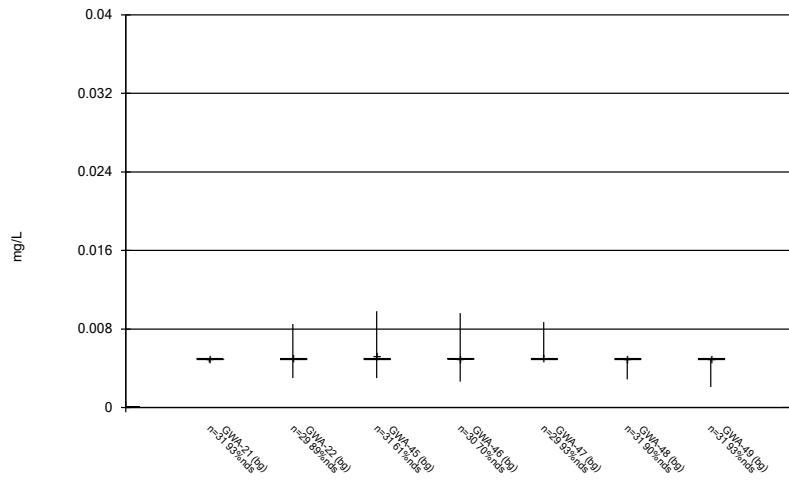
Constituent: Vanadium, Total Analysis Run 12/2/2024 12:53 PM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



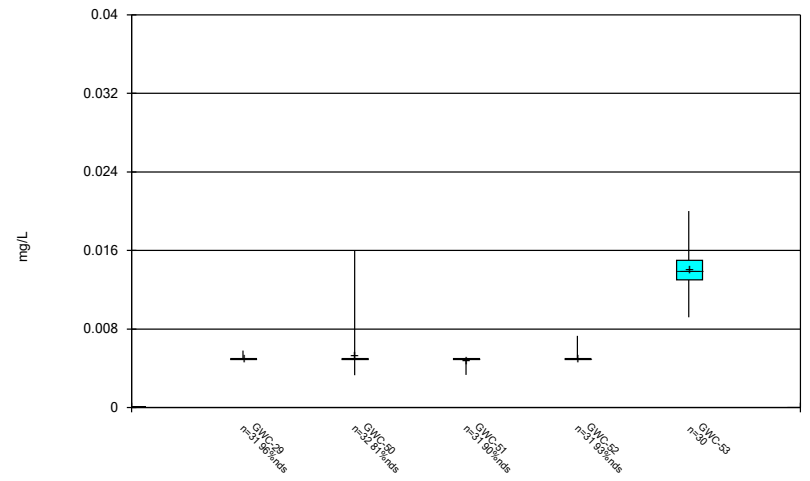
Constituent: Vanadium, Total Analysis Run 12/2/2024 12:53 PM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



Constituent: Zinc, Total Analysis Run 12/2/2024 12:53 PM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



Constituent: Zinc, Total Analysis Run 12/2/2024 12:53 PM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

FIGURE C.

Outlier Summary

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 9/11/2024, 3:44 PM

GWA-48 Vanadium, Total (mg/L)
GWC-53 Vanadium, Total (mg/L)
GWA-22 Zinc, Total (mg/L)
GWA-46 Zinc, Total (mg/L)
GWA-47 Zinc, Total (mg/L)

12/20/2010
12/21/2010
12/22/2010
2/14/2011
10/25/2011
5/1/2012
11/8/2012
11/4/2013
11/5/2013
5/23/2014
5/20/2015
5/21/2015
5/22/2015
5/25/2015
11/13/2015
4/8/2016
4/11/2016
6/14/2016
12/19/2016
2/13/2017
10/9/2017
3/26/2018
10/3/2018
3/27/2019
9/12/2019
12/2/2019
3/19/2020
9/11/2020
4/2/2021

0.012 (O)

0.013 (O)

0.014 (O)

0.039 (O)

0.0136 (O)

FIGURE D.

Appendix I Intrawell Prediction Limits - Significant Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 9/11/2024, 6:14 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Arsenic, Total (mg/L)	GWA-46	0.001	n/a	8/8/2024	0.0013	Yes	32	n/a	n/a	100	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWA-47	0.001	n/a	8/8/2024	0.0011	Yes	31	n/a	n/a	100	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWA-49	0.001	n/a	8/9/2024	0.0011	Yes	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-50	0.001	n/a	8/8/2024	0.0011	Yes	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-52	0.001	n/a	8/8/2024	0.001	Yes	32	n/a	n/a	100	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Barium, Total (mg/L)	GWA-46	0.02387	n/a	8/8/2024	0.024	Yes	31	0.01989	0.001845	0	None	No	0.0007022	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-52	0.02119	n/a	8/8/2024	0.029	Yes	32	0.01286	0.003883	0	None	No	0.0007022	Param Intra 1 of 2
Chromium, Total (mg/L)	GWA-22	0.01239	n/a	8/8/2024	0.013	Yes	32	0.007084	0.002472	6.25	None	No	0.0007022	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-52	0.01539	n/a	8/8/2024	0.033	Yes	24	0.00975	0.002526	4.167	None	No	0.0007022	Param Intra 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 9/11/2024, 6:14 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony, Total (mg/L)	GWA-21	0.002	n/a	8/6/2024	0.002ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWA-46	0.002	n/a	8/8/2024	0.002ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWA-47	0.002	n/a	8/8/2024	0.002ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWA-48	0.002	n/a	8/8/2024	0.002ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-51	0.002	n/a	8/8/2024	0.002ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWA-22	0.001	n/a	8/8/2024	0.00088J	No	31	n/a	n/a	100	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWA-45	0.0015	n/a	8/8/2024	0.0011	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWA-46	0.001	n/a	8/8/2024	0.0013	Yes	32	n/a	n/a	100	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWA-47	0.001	n/a	8/8/2024	0.0011	Yes	31	n/a	n/a	100	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWA-48	0.001	n/a	8/8/2024	0.00089J	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWA-49	0.001	n/a	8/9/2024	0.0011	Yes	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-29	0.0013	n/a	8/8/2024	0.0011	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-50	0.001	n/a	8/8/2024	0.0011	Yes	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-52	0.001	n/a	8/8/2024	0.001	Yes	32	n/a	n/a	100	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-53	0.0011	n/a	8/8/2024	0.0011	No	31	n/a	n/a	96.77	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Barium, Total (mg/L)	GWA-21	0.02915	n/a	8/6/2024	0.019	No	31	0.02277	0.002962	0	None	No	0.0007022	Param Intra 1 of 2
Barium, Total (mg/L)	GWA-22	0.03067	n/a	8/8/2024	0.023	No	32	0.1561	0.008861	0	None	sqrt(x)	0.0007022	Param Intra 1 of 2
Barium, Total (mg/L)	GWA-45	0.07808	n/a	8/8/2024	0.048	No	28	0.03791	0.01841	0	None	No	0.0007022	Param Intra 1 of 2
Barium, Total (mg/L)	GWA-46	0.02387	n/a	8/8/2024	0.024	Yes	31	0.01989	0.001845	0	None	No	0.0007022	Param Intra 1 of 2
Barium, Total (mg/L)	GWA-47	0.0458	n/a	8/8/2024	0.038	No	31	-3.544	0.2137	0	None	ln(x)	0.0007022	Param Intra 1 of 2
Barium, Total (mg/L)	GWA-48	0.031	n/a	8/8/2024	0.015	No	30	n/a	n/a	0	n/a	n/a	0.002008	NP Intra (normality) 1 of 2
Barium, Total (mg/L)	GWA-49	0.02311	n/a	8/9/2024	0.021	No	32	0.01963	0.001622	0	None	No	0.0007022	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-29	0.02203	n/a	8/8/2024	0.02	No	32	0.1287	0.009196	0	None	sqrt(x)	0.0007022	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-50	0.029	n/a	8/8/2024	0.014	No	32	n/a	n/a	0	n/a	n/a	0.001803	NP Intra (normality) 1 of 2
Barium, Total (mg/L)	GWC-51	0.019	n/a	8/8/2024	0.012	No	32	n/a	n/a	3.125	n/a	n/a	0.001803	NP Intra (normality) 1 of 2
Barium, Total (mg/L)	GWC-52	0.02119	n/a	8/8/2024	0.029	Yes	32	0.01286	0.003883	0	None	No	0.0007022	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-53	0.05436	n/a	8/8/2024	0.036	No	10	0.0428	0.004077	0	None	No	0.0007022	Param Intra 1 of 2
Beryllium, Total (mg/L)	GWA-22	0.0025	n/a	8/8/2024	0.0025ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Beryllium, Total (mg/L)	GWC-51	0.0025	n/a	8/8/2024	0.0025ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWA-47	0.0025	n/a	8/8/2024	0.0025ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWC-50	0.0025	n/a	8/8/2024	0.0025ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Chromium, Total (mg/L)	GWA-21	0.008498	n/a	8/6/2024	0.0021	No	32	0.05731	0.01625	12.5	None	sqrt(x)	0.0007022	Param Intra 1 of 2
Chromium, Total (mg/L)	GWA-22	0.01239	n/a	8/8/2024	0.013	Yes	32	0.007084	0.002472	6.25	None	No	0.0007022	Param Intra 1 of 2
Chromium, Total (mg/L)	GWA-45	0.002	n/a	8/8/2024	0.002ND	No	30	n/a	n/a	100	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Chromium, Total (mg/L)	GWA-46	0.0088	n/a	8/8/2024	0.006	No	32	n/a	n/a	3.125	n/a	n/a	0.001803	NP Intra (normality) 1 of 2
Chromium, Total (mg/L)	GWA-47	0.045	n/a	8/8/2024	0.012	No	32	n/a	n/a	6.25	n/a	n/a	0.001803	NP Intra (normality) 1 of 2
Chromium, Total (mg/L)	GWA-48	0.028	n/a	8/8/2024	0.0061	No	32	n/a	n/a	6.25	n/a	n/a	0.001803	NP Intra (normality) 1 of 2
Chromium, Total (mg/L)	GWA-49	0.009493	n/a	8/9/2024	0.0059	No	32	0.0791	0.008539	3.125	None	sqrt(x)	0.0007022	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-29	0.0039	n/a	8/8/2024	0.0012J	No	32	n/a	n/a	50	n/a	n/a	0.001803	NP Intra (normality) 1 of 2
Chromium, Total (mg/L)	GWC-50	0.0089	n/a	8/8/2024	0.0037	No	32	n/a	n/a	6.25	n/a	n/a	0.001803	NP Intra (normality) 1 of 2
Chromium, Total (mg/L)	GWC-51	0.007106	n/a	8/8/2024	0.0064	No	32	0.06127	0.01073	9.375	None	sqrt(x)	0.0007022	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-52	0.01539	n/a	8/8/2024	0.033	Yes	24	0.00975	0.002526	4.167	None	No	0.0007022	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-53	0.0041	n/a	8/8/2024	0.002ND	No	32	n/a	n/a	40.63	n/a	n/a	0.001803	NP Intra (normality) 1 of 2
Cobalt, Total (mg/L)	GWA-21	0.0025	n/a	8/6/2024	0.00056J	No	32	n/a	n/a	62.5	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-22	0.0025	n/a	8/8/2024	0.0025ND	No	31	n/a	n/a	70.97	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-45	0.009925	n/a	8/8/2024	0.0012J	No	32	0.1351	0.03718	21.88	Kaplan-Meier	x^(1/3)	0.0007022	Param Intra 1 of 2
Cobalt, Total (mg/L)	GWA-46	0.0025	n/a	8/8/2024	0.0025ND	No	32	n/a	n/a	90.63	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-47	0.0025	n/a	8/8/2024	0.0025ND	No	30	n/a	n/a	86.67	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-48	0.0025	n/a	8/8/2024	0.0025ND	No	31	n/a	n/a	90.32	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-49	0.0025	n/a	8/9/2024	0.0025ND	No	32	n/a	n/a	84.38	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-29	0.0025	n/a	8/8/2024	0.0025ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-50	0.0025	n/a	8/8/2024	0.0025ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-51	0.0025	n/a	8/8/2024	0.0025ND	No	32	n/a	n/a	90.63	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-53	0.0171	n/a	8/8/2024	0.01	No	32	0.008566	0.003976	6.25	None	No	0.0007022	Param Intra 1 of 2
Copper, Total (mg/L)	GWA-21	0.0023	n/a	8/6/2024	0.002ND	No	26	n/a	n/a	92.31	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWA-22	0.003	n/a	8/8/2024	0.002ND	No	26	n/a	n/a	92.31	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWA-45	0.0034	n/a	8/8/2024	0.002ND	No	27	n/a	n/a	77.78	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWA-47	0.022	n/a	8/8/2024	0.002ND	No	26	n/a	n/a	42.31	n/a	n/a	0.002667	NP Intra (normality) 1 of 2
Copper, Total (mg/L)	GWA-48	0.0084	n/a	8/8/2024	0.002ND	No	26	n/a	n/a	61.54	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWA-49	0.0031	n/a	8/9/2024	0.002ND	No	27	n/a	n/a	92.59	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWC-50	0.0046	n/a	8/8/2024	0.002ND	No	26	n/a	n/a	92.31	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWC-51	0.0025	n/a	8/8/2024	0.002ND	No	27	n/a	n/a	92.59	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-21	0.0022	n/a	8/6/2024	0.001ND	No	19	n/a	n/a	94.74	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-22	0.001	n/a	8/8/2024	0.001ND	No	19	n/a	n/a	89.47	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-45	0.0016	n/a	8/8/2024	0.001ND	No	19	n/a	n/a	89.47	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-46	0.001	n/a	8/8/2024	0.001ND	No	19	n/a	n/a	100	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-47	0.001	n/a	8/8/2024	0.001ND	No	19	n/a	n/a	94.74	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-48	0.001	n/a	8/8/2024	0.001ND	No	19	n/a	n/a	94.74	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2

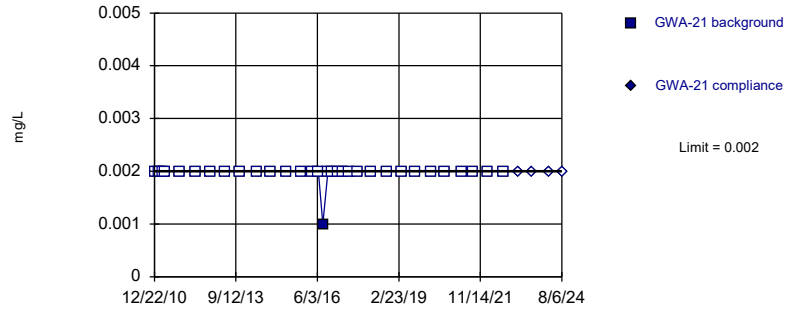
Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 9/11/2024, 6:14 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Lead, Total (mg/L)	GWA-49	0.001	n/a	8/9/2024	0.001ND	No	19	n/a	n/a	100	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-29	0.001	n/a	8/8/2024	0.001ND	No	19	n/a	n/a	100	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-50	0.001	n/a	8/8/2024	0.001ND	No	19	n/a	n/a	89.47	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-51	0.0015	n/a	8/8/2024	0.001ND	No	19	n/a	n/a	84.21	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-52	0.001	n/a	8/8/2024	0.001ND	No	18	n/a	n/a	100	n/a	n/a	0.005373	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-53	0.001	n/a	8/8/2024	0.001ND	No	19	n/a	n/a	94.74	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-21	0.0002	n/a	8/6/2024	0.0002ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-22	0.0002	n/a	8/8/2024	0.0002ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-45	0.0002	n/a	8/8/2024	0.0002ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-46	0.0002	n/a	8/8/2024	0.0002ND	No	32	n/a	n/a	93.75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-47	0.0002	n/a	8/8/2024	0.0002ND	No	32	n/a	n/a	93.75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-48	0.0002	n/a	8/8/2024	0.0002ND	No	32	n/a	n/a	93.75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-49	0.0002	n/a	8/9/2024	0.0002ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWC-29	0.0002	n/a	8/8/2024	0.0002ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWC-50	0.0002	n/a	8/8/2024	0.0002ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWC-52	0.0002	n/a	8/8/2024	0.0002ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-21	0.0012	n/a	8/6/2024	0.00096J	No	26	n/a	n/a	76.92	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-22	0.0014	n/a	8/8/2024	0.001ND	No	26	n/a	n/a	84.62	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-45	0.001	n/a	8/8/2024	0.00048J	No	27	n/a	n/a	77.78	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-46	0.001	n/a	8/8/2024	0.001ND	No	26	n/a	n/a	92.31	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-47	0.022	n/a	8/8/2024	0.001ND	No	27	n/a	n/a	70.37	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-48	0.016	n/a	8/8/2024	0.001ND	No	27	n/a	n/a	59.26	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-49	0.0019	n/a	8/9/2024	0.001ND	No	27	n/a	n/a	81.48	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWC-29	0.0047	n/a	8/8/2024	0.0025	No	27	n/a	n/a	48.15	n/a	n/a	0.002502	NP Intra (normality) 1 of 2
Nickel, Total (mg/L)	GWC-50	0.0036	n/a	8/8/2024	0.003	No	27	n/a	n/a	74.07	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWC-51	0.0034	n/a	8/8/2024	0.0027	No	27	n/a	n/a	59.26	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWC-53	0.008125	n/a	8/8/2024	0.0077	No	27	3.0e-7	1.1e-7	7.407	None	x^3	0.0007022	Param Intra 1 of 2
Selenium, Total (mg/L)	GWA-22	0.005	n/a	8/8/2024	0.005ND	No	32	n/a	n/a	90.63	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-45	0.005	n/a	8/8/2024	0.005ND	No	30	n/a	n/a	90	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-47	0.005	n/a	8/8/2024	0.005ND	No	31	n/a	n/a	96.77	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-48	0.005	n/a	8/8/2024	0.005ND	No	31	n/a	n/a	93.55	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-49	0.005	n/a	8/9/2024	0.005ND	No	32	n/a	n/a	93.75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-29	0.005	n/a	8/8/2024	0.005ND	No	32	n/a	n/a	93.75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-50	0.005	n/a	8/8/2024	0.005ND	No	32	n/a	n/a	93.75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-52	0.005	n/a	8/8/2024	0.005ND	No	31	n/a	n/a	83.87	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-53	0.005	n/a	8/8/2024	0.005ND	No	32	n/a	n/a	90.63	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-21	0.001	n/a	8/6/2024	0.001ND	No	32	n/a	n/a	90.63	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-22	0.001	n/a	8/8/2024	0.001ND	No	32	n/a	n/a	93.75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-45	0.001	n/a	8/8/2024	0.001ND	No	32	n/a	n/a	90.63	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-48	0.001	n/a	8/8/2024	0.001ND	No	32	n/a	n/a	93.75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-50	0.001	n/a	8/8/2024	0.001ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-51	0.001	n/a	8/8/2024	0.001ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Vanadium, Total (mg/L)	GWA-21	0.004	n/a	8/6/2024	0.003	No	26	n/a	n/a	50	n/a	n/a	0.002667	NP Intra (normality) 1 of 2
Vanadium, Total (mg/L)	GWA-22	0.0083	n/a	8/8/2024	0.0034	No	26	n/a	n/a	46.15	n/a	n/a	0.002667	NP Intra (normality) 1 of 2
Vanadium, Total (mg/L)	GWA-45	0.0036	n/a	8/8/2024	0.00075J	No	26	n/a	n/a	57.69	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Vanadium, Total (mg/L)	GWA-46	0.006101	n/a	8/8/2024	0.0019J	No	26	0.05716	0.009504	15.38	Kaplan-Meier	sqrt(x)	0.0007022	Param Intra 1 of 2
Vanadium, Total (mg/L)	GWA-47	0.01987	n/a	8/8/2024	0.0079	No	26	0.009388	0.004755	7.692	None	No	0.0007022	Param Intra 1 of 2
Vanadium, Total (mg/L)	GWA-48	0.02235	n/a	8/8/2024	0.018	No	26	0.0002699	0.0001043	3.846	None	x^2	0.0007022	Param Intra 1 of 2
Vanadium, Total (mg/L)	GWA-49	0.02266	n/a	8/9/2024	0.019	No	27	0.01882	0.001752	0	None	No	0.0007022	Param Intra 1 of 2
Vanadium, Total (mg/L)	GWC-29	0.007301	n/a	8/8/2024	0.0047	No	27	0.004641	0.001213	7.407	None	No	0.0007022	Param Intra 1 of 2
Vanadium, Total (mg/L)	GWC-50	0.0093	n/a	8/8/2024	0.0021	No	27	n/a	n/a	33.33	n/a	n/a	0.002502	NP Intra (normality) 1 of 2
Vanadium, Total (mg/L)	GWC-51	0.007518	n/a	8/8/2024	0.0039	No	27	0.004618	0.001323	18.52	Kaplan-Meier	No	0.0007022	Param Intra 1 of 2
Vanadium, Total (mg/L)	GWC-52	0.01363	n/a	8/8/2024	0.009	No	27	0.000001325.5e-7	7.407	None	x^3	0.0007022	Param Intra 1 of 2	
Vanadium, Total (mg/L)	GWC-53	0.0065	n/a	8/8/2024	0.002ND	No	26	n/a	n/a	73.08	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-21	0.005	n/a	8/6/2024	0.005ND	No	27	n/a	n/a	92.59	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-22	0.0085	n/a	8/8/2024	0.005ND	No	25	n/a	n/a	92	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-45	0.0098	n/a	8/8/2024	0.0046J	No	27	n/a	n/a	70.37	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-46	0.0096	n/a	8/8/2024	0.003J	No	26	n/a	n/a	73.08	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-47	0.0087	n/a	8/8/2024	0.005ND	No	25	n/a	n/a	92	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-48	0.005	n/a	8/8/2024	0.005ND	No	27	n/a	n/a	88.89	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-49	0.005	n/a	8/9/2024	0.005ND	No	27	n/a	n/a	92.59	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWC-29	0.0058	n/a	8/8/2024	0.005ND	No	27	n/a	n/a	96.3	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWC-50	0.0076	n/a	8/8/2024	0.005ND	No	27	n/a	n/a	85.19	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWC-51	0.005	n/a	8/8/2024	0.005ND	No	27	n/a	n/a	92.59	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWC-52	0.0073	n/a	8/8/2024	0.005ND	No	27	n/a	n/a	92.59	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWC-53	0.01998	n/a	8/8/2024	0.015	No	26	0.01409	0.002672	0	None	No	0.0007022	Param Intra 1 of 2

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

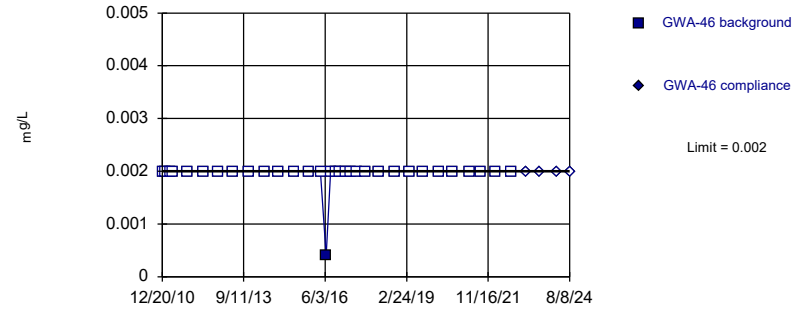


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 96.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Antimony, Total Analysis Run 9/11/2024 6:07 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

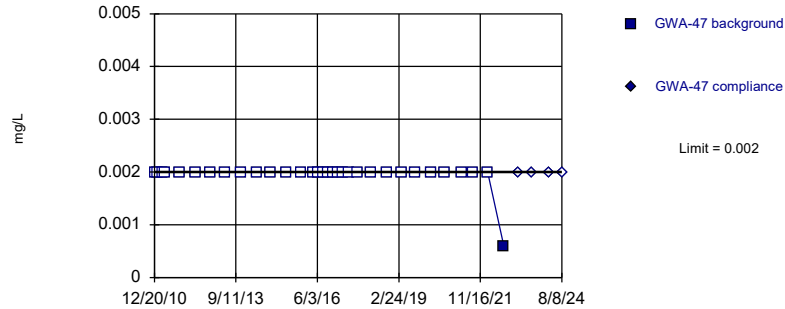


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 96.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Antimony, Total Analysis Run 9/11/2024 6:07 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

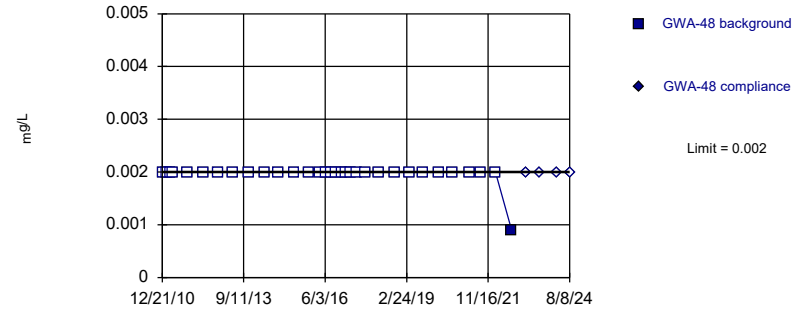


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 96.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Antimony, Total Analysis Run 9/11/2024 6:07 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric



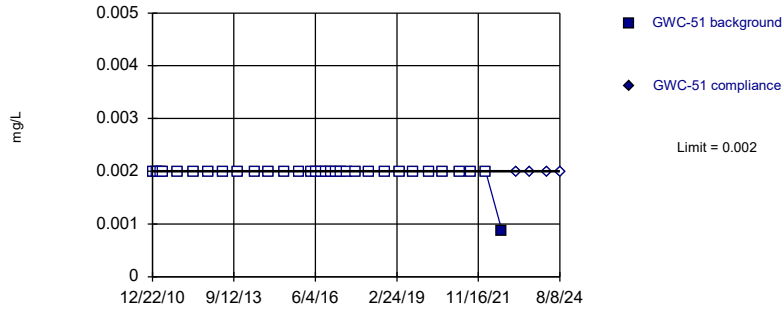
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 96.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Antimony, Total Analysis Run 9/11/2024 6:07 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



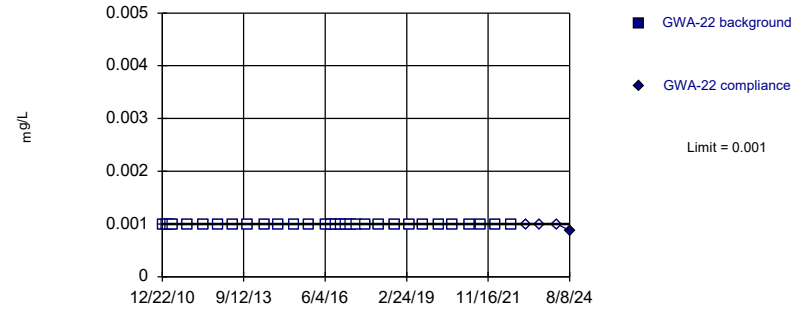
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 96.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Antimony, Total Analysis Run 9/11/2024 6:07 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



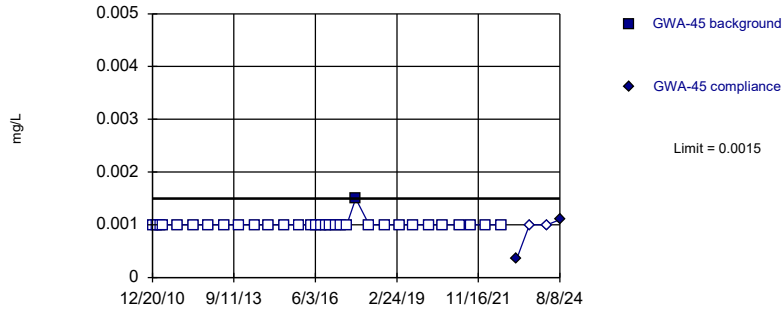
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 31) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

Constituent: Arsenic, Total Analysis Run 9/11/2024 6:07 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



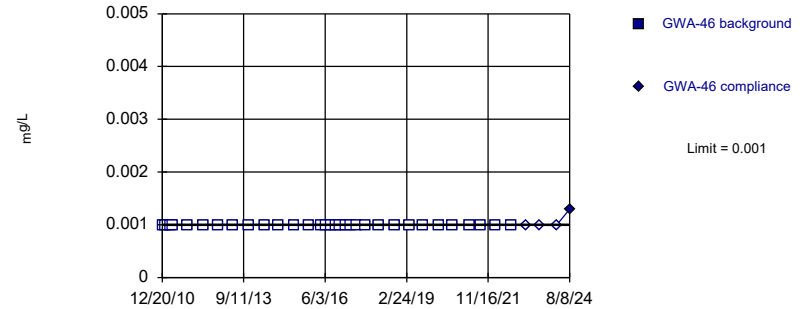
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 96.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Arsenic, Total Analysis Run 9/11/2024 6:07 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.

Exceeds Limit

Prediction Limit Intrawell Non-parametric

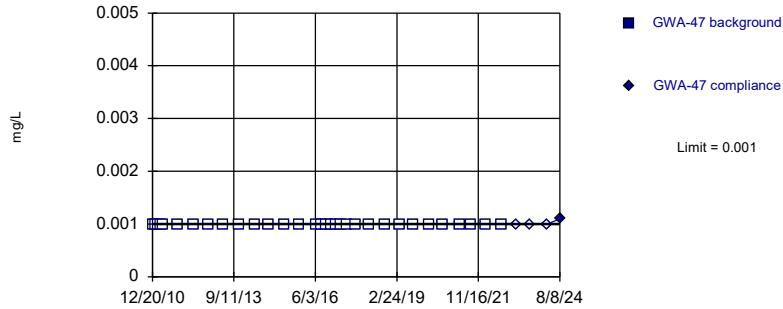


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 32) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Arsenic, Total Analysis Run 9/11/2024 6:07 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
 Hollow symbols indicate censored values.
 Exceeds Limit

Prediction Limit
 Intrawell Non-parametric

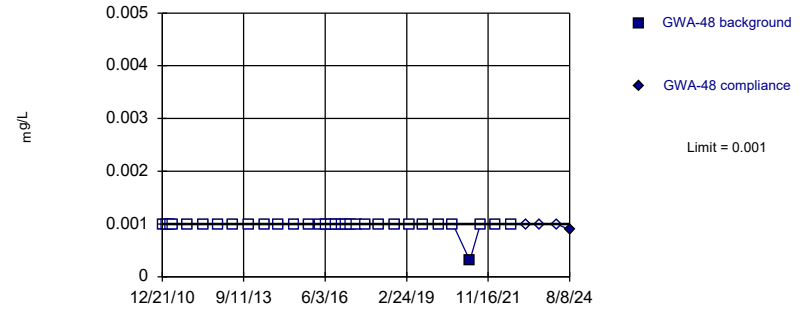


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 31) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

Constituent: Arsenic, Total Analysis Run 9/11/2024 6:07 PM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

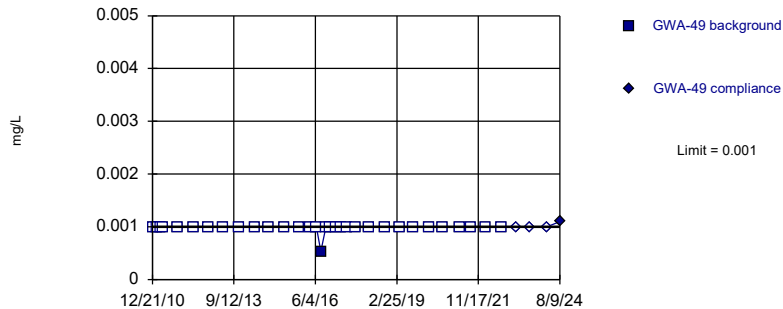


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 96.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Arsenic, Total Analysis Run 9/11/2024 6:07 PM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
 Hollow symbols indicate censored values.
 Exceeds Limit

Prediction Limit
 Intrawell Non-parametric

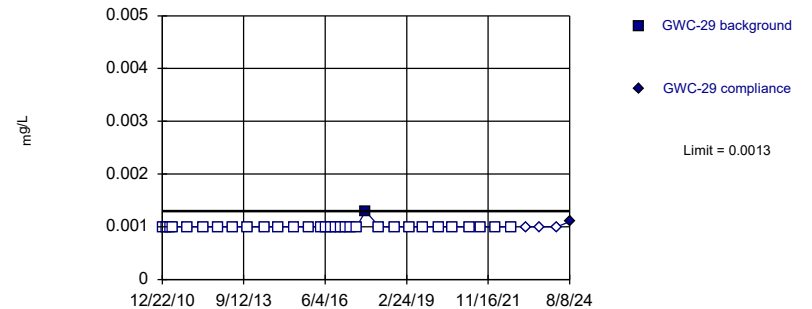


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 96.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Arsenic, Total Analysis Run 9/11/2024 6:07 PM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

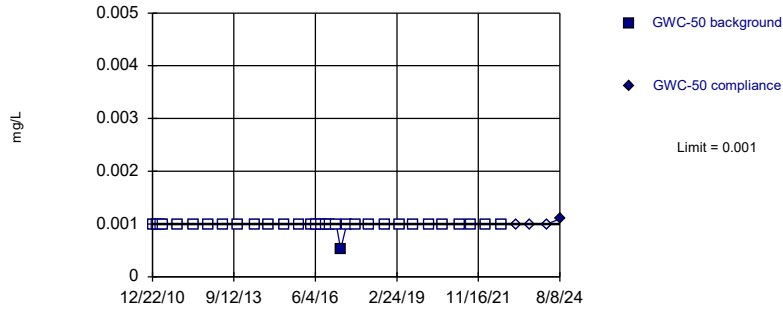


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 96.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Arsenic, Total Analysis Run 9/11/2024 6:07 PM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
 Hollow symbols indicate censored values.
 Exceeds Limit

Prediction Limit
 Intrawell Non-parametric

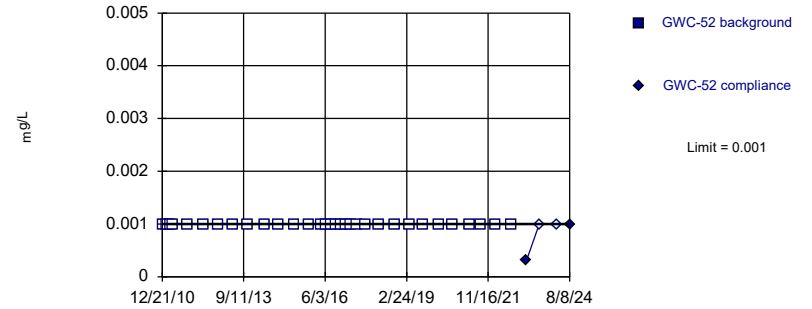


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 96.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Arsenic, Total Analysis Run 9/11/2024 6:07 PM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
 Hollow symbols indicate censored values.
 Exceeds Limit

Prediction Limit
 Intrawell Non-parametric

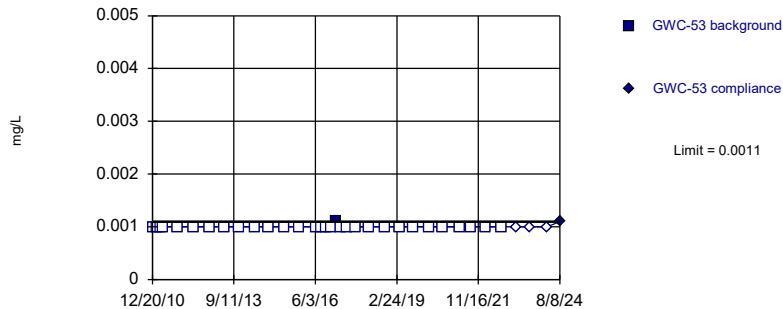


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 32) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Arsenic, Total Analysis Run 9/11/2024 6:07 PM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

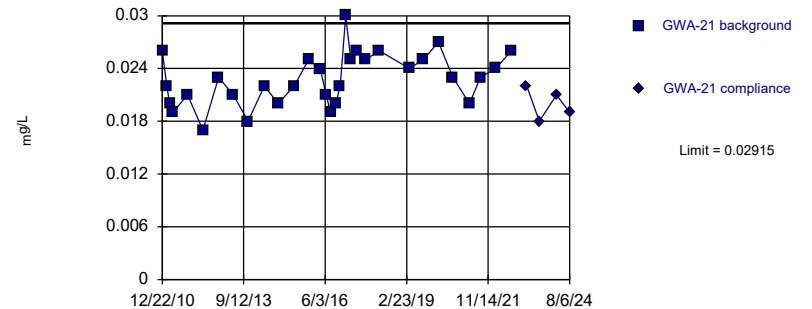


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 96.77% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

Constituent: Arsenic, Total Analysis Run 9/11/2024 6:07 PM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
 Within Limit

Prediction Limit
 Intrawell Parametric

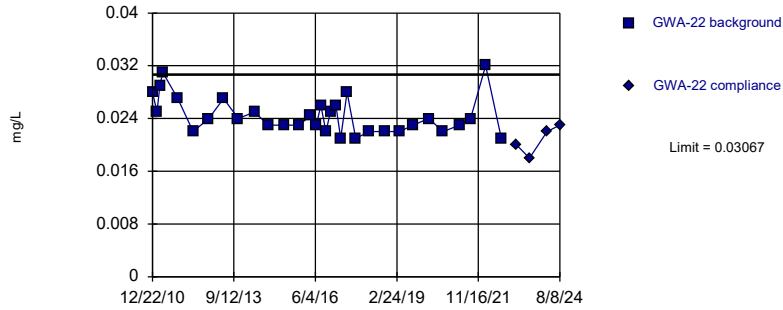


Background Data Summary: Mean=0.02277, Std. Dev.=0.002962, n=31. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9784, critical = 0.902. Kappa = 2.153 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Barium, Total Analysis Run 9/11/2024 6:07 PM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Parametric

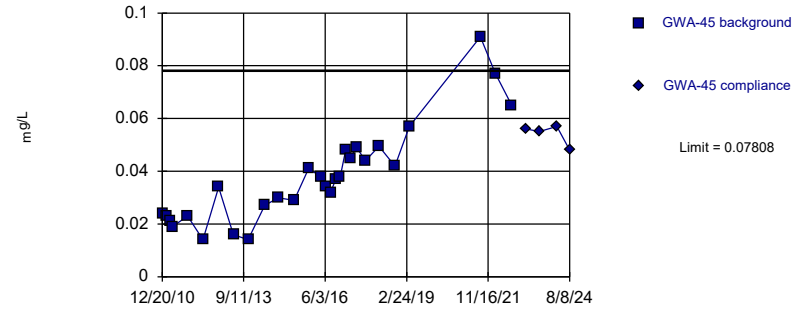


Background Data Summary (based on square root transformation): Mean=0.1561, Std. Dev.=0.008861, n=32. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9098, critical = 0.904. Kappa = 2.146 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Barium, Total Analysis Run 9/11/2024 6:07 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Parametric

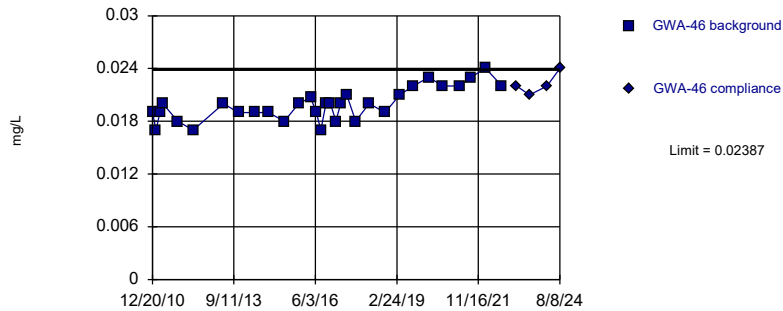


Background Data Summary: Mean=0.03791, Std. Dev.=0.01841, n=28. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9184, critical = 0.896. Kappa = 2.182 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Barium, Total Analysis Run 9/11/2024 6:07 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limit

Prediction Limit Intrawell Parametric

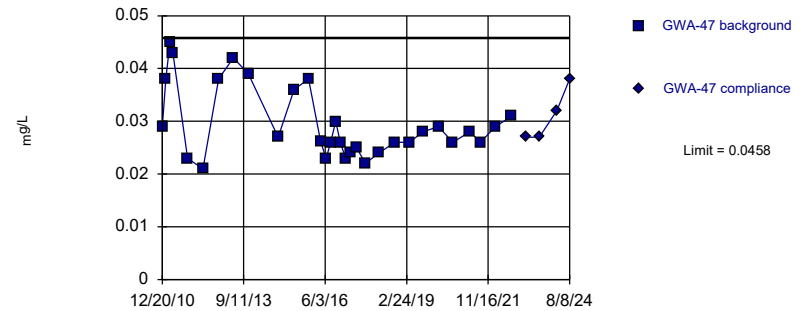


Background Data Summary: Mean=0.01989, Std. Dev.=0.001845, n=31. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9496, critical = 0.902. Kappa = 2.153 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Barium, Total Analysis Run 9/11/2024 6:07 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Parametric

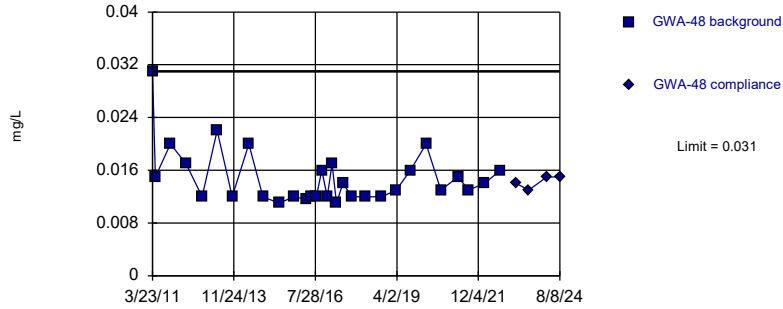


Background Data Summary (based on natural log transformation): Mean=-3.544, Std. Dev.=0.2137, n=31. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9064, critical = 0.902. Kappa = 2.153 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Barium, Total Analysis Run 9/11/2024 6:07 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

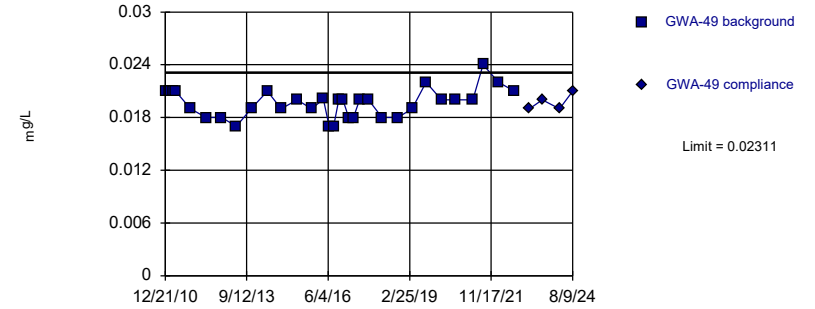


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 30 background values. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

Constituent: Barium, Total Analysis Run 9/11/2024 6:07 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Parametric

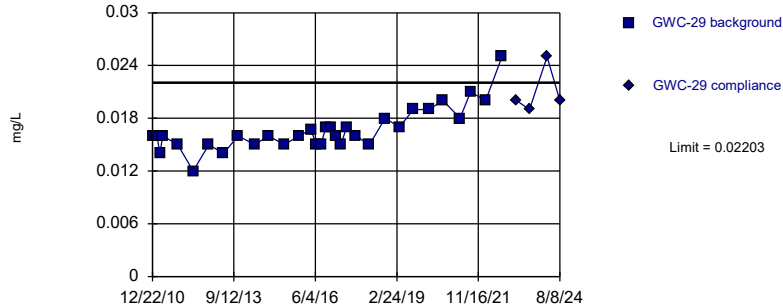


Background Data Summary: Mean=0.01963, Std. Dev.=0.001622, n=32. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.945, critical = 0.904. Kappa = 2.146 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Barium, Total Analysis Run 9/11/2024 6:07 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Parametric

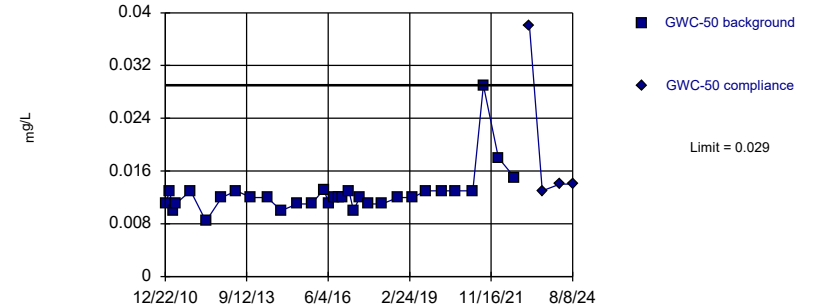


Background Data Summary (based on square root transformation): Mean=0.1287, Std. Dev.=0.009196, n=32. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9151, critical = 0.904. Kappa = 2.146 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Barium, Total Analysis Run 9/11/2024 6:07 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

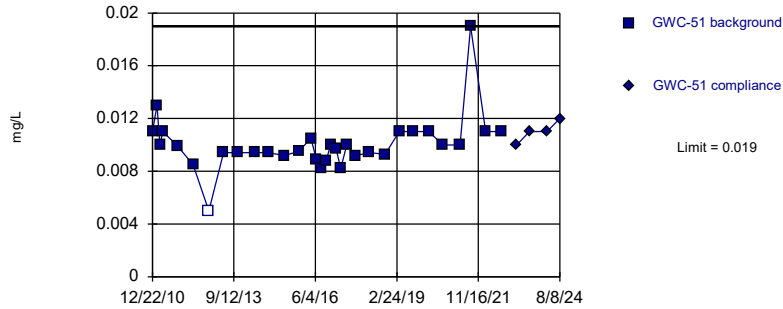


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 32 background values. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Barium, Total Analysis Run 9/11/2024 6:07 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 32 background values. 3.125% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Barium, Total Analysis Run 9/11/2024 6:07 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limit

Prediction Limit
Intrawell Parametric

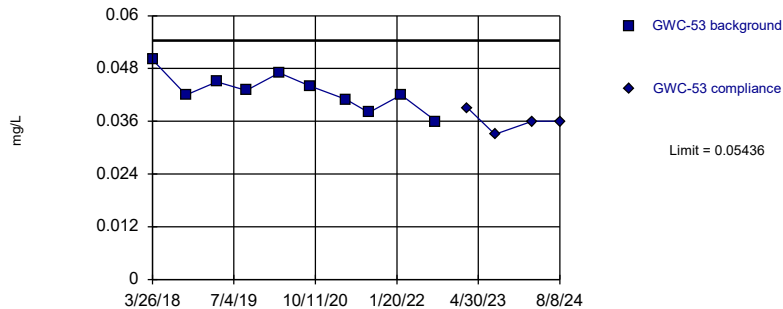


Background Data Summary: Mean=0.01286, Std. Dev.=0.003883, n=32. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9044, critical = 0.904. Kappa = 2.146 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Barium, Total Analysis Run 9/11/2024 6:07 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

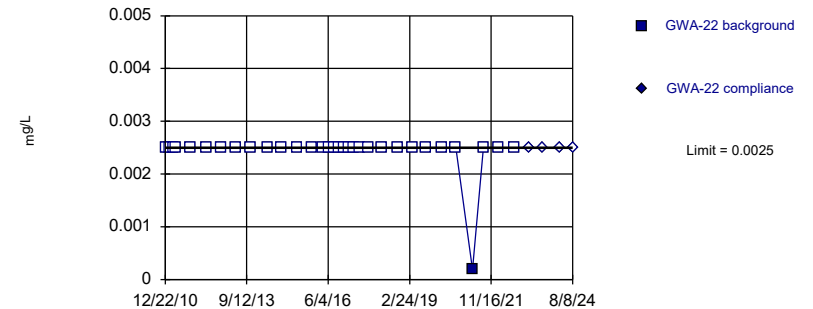


Background Data Summary: Mean=0.0428, Std. Dev.=0.004077, n=10. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9848, critical = 0.842. Kappa = 2.835 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Barium, Total Analysis Run 9/11/2024 6:07 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric



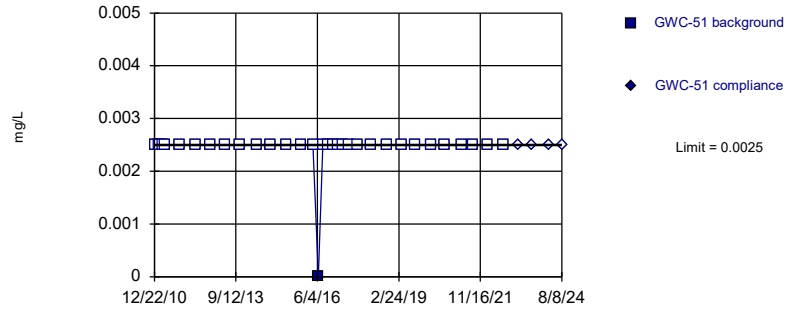
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 96.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Beryllium, Total Analysis Run 9/11/2024 6:07 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



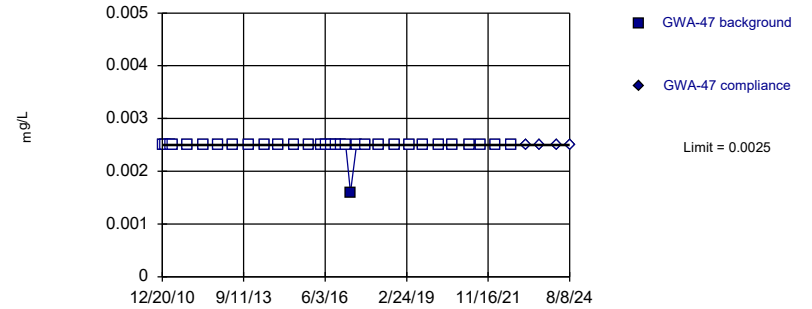
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 96.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Beryllium, Total Analysis Run 9/11/2024 6:07 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



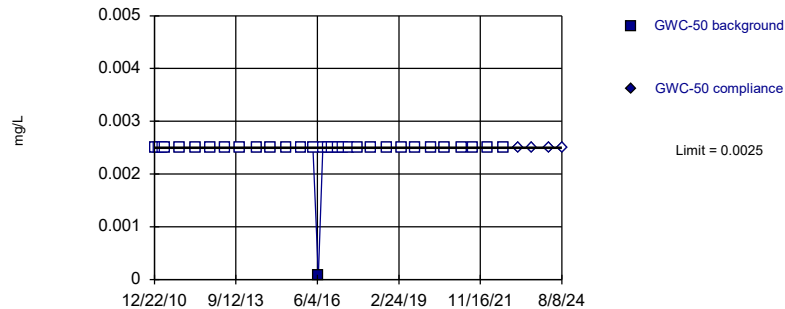
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 96.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Cadmium, Total Analysis Run 9/11/2024 6:08 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



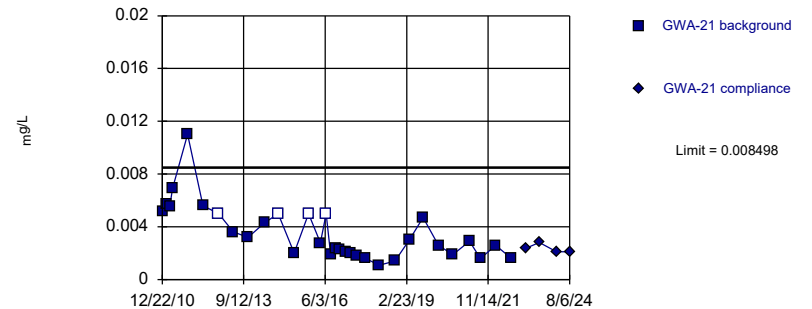
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 96.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Cadmium, Total Analysis Run 9/11/2024 6:08 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Parametric

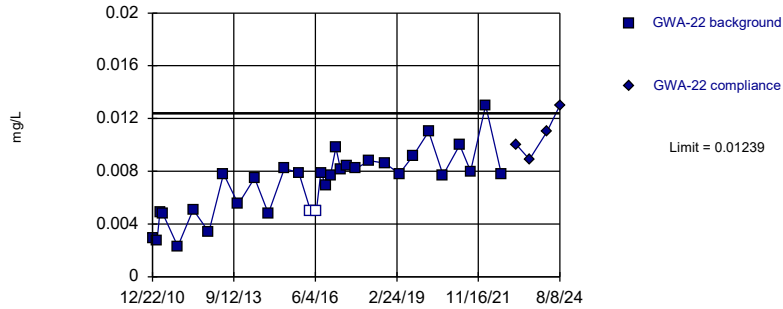


Background Data Summary (based on square root transformation): Mean=0.05731, Std. Dev.=0.01625, n=32, 12.5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9261, critical = 0.904. Kappa = 2.146 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Chromium, Total Analysis Run 9/11/2024 6:08 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.
Exceeds Limit

Prediction Limit
Intrawell Parametric

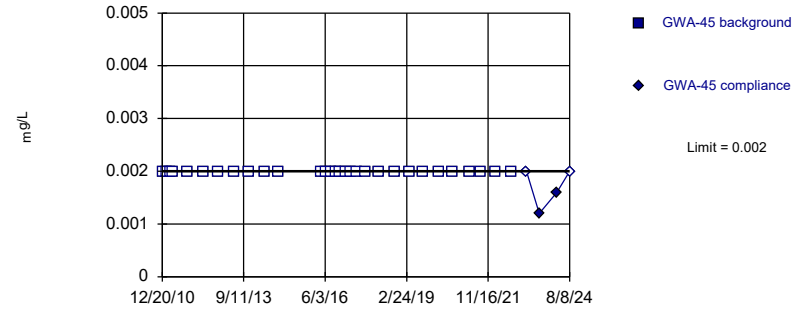


Background Data Summary: Mean=0.007084, Std. Dev.=0.002472, n=32, 6.25% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9475, critical = 0.904. Kappa = 2.146 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Chromium, Total Analysis Run 9/11/2024 6:08 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

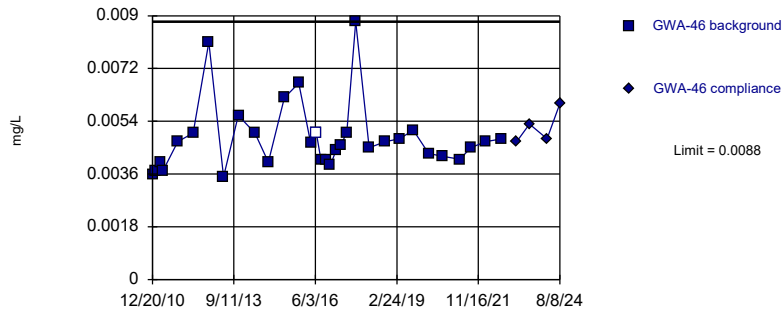


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 30) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

Constituent: Chromium, Total Analysis Run 9/11/2024 6:08 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

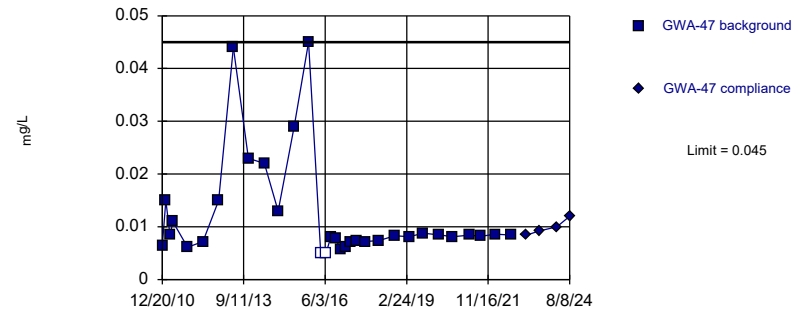


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 32 background values. 3.125% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Chromium, Total Analysis Run 9/11/2024 6:08 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric



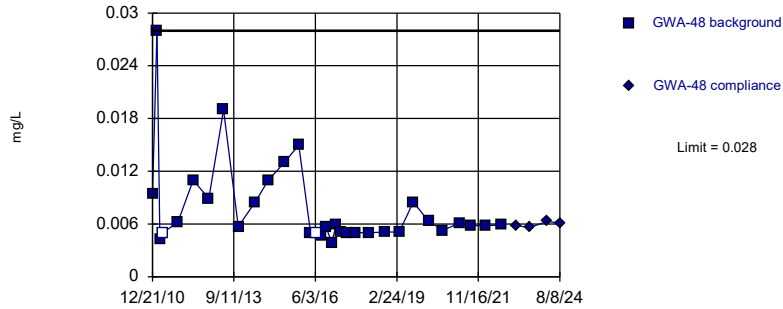
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 32 background values. 6.25% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Chromium, Total Analysis Run 9/11/2024 6:08 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



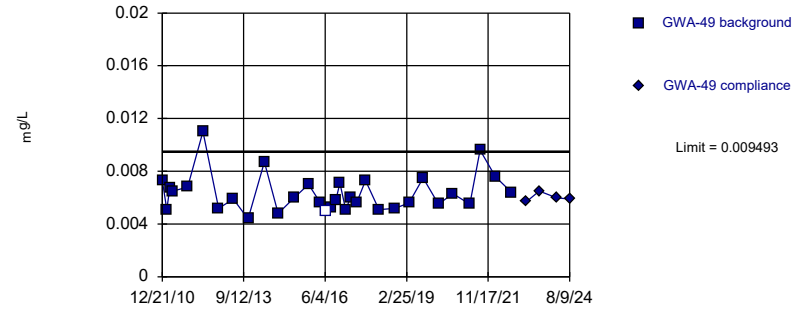
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 32 background values. 6.25% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Chromium, Total Analysis Run 9/11/2024 6:08 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Parametric



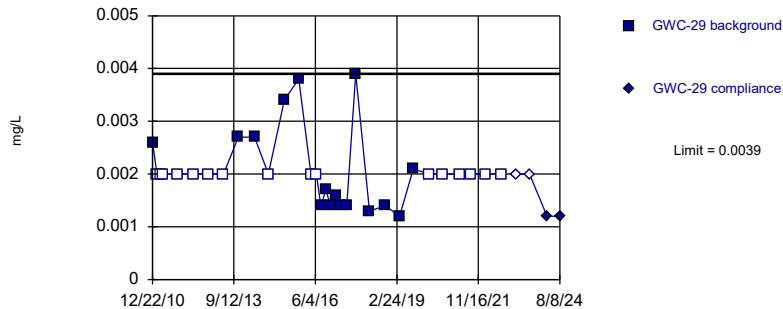
Background Data Summary (based on square root transformation): Mean=0.0791, Std. Dev.=0.008539, n=32, 3.125% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9113, critical = 0.904. Kappa = 2.146 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Chromium, Total Analysis Run 9/11/2024 6:08 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



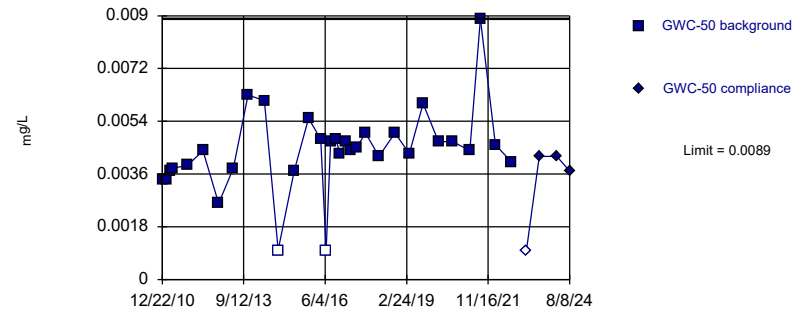
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 32 background values. 50% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Chromium, Total Analysis Run 9/11/2024 6:08 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 32 background values. 6.25% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

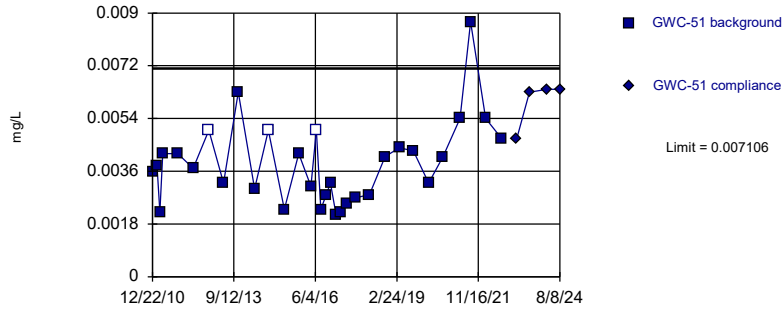
Constituent: Chromium, Total Analysis Run 9/11/2024 6:08 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=0.06127, Std. Dev.=0.01073, n=32, 9.375% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9466, critical = 0.904. Kappa = 2.146 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

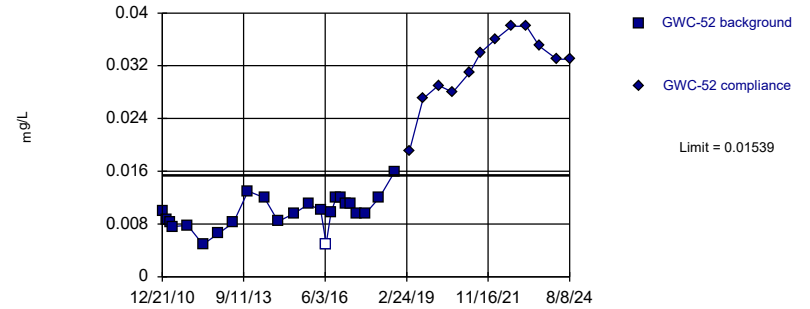
Constituent: Chromium, Total Analysis Run 9/11/2024 6:08 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.

Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.00975, Std. Dev.=0.002526, n=24, 4.167% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9716, critical = 0.884. Kappa = 2.232 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

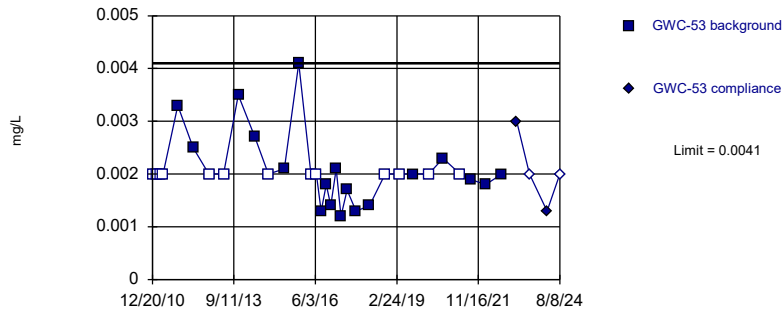
Constituent: Chromium, Total Analysis Run 9/11/2024 6:08 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 32 background values. 40.63% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

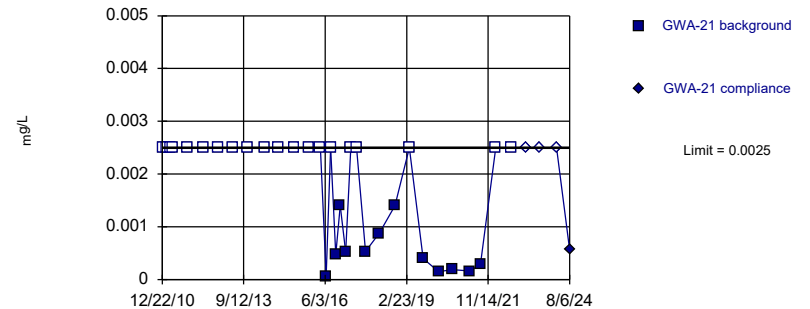
Constituent: Chromium, Total Analysis Run 9/11/2024 6:08 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



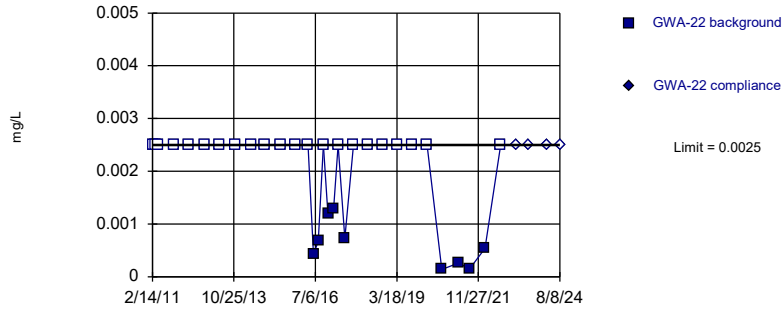
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 62.5% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Cobalt, Total Analysis Run 9/11/2024 6:08 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



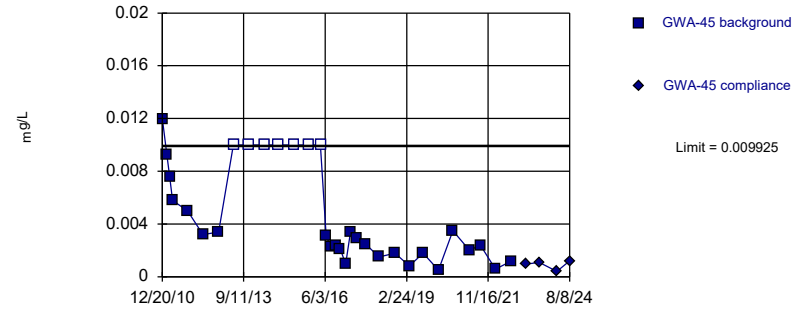
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 70.97% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

Constituent: Cobalt, Total Analysis Run 9/11/2024 6:08 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Parametric



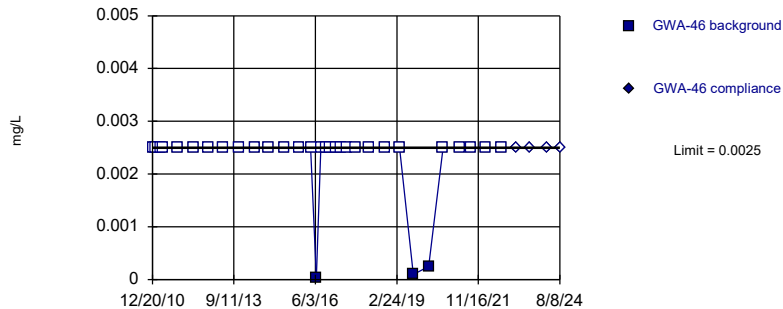
Background Data Summary (based on cube root transformation) (after Kaplan-Meier Adjustment): Mean=0.1351, Std. Dev.=0.03718, n=32, 21.88% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9071, critical = 0.904. Kappa = 2.146 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Cobalt, Total Analysis Run 9/11/2024 6:08 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



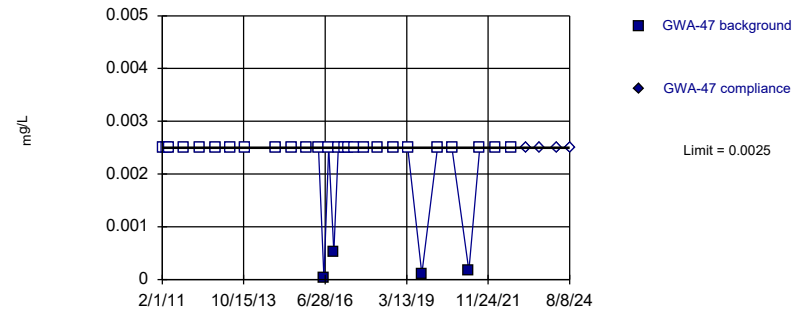
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 90.63% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Cobalt, Total Analysis Run 9/11/2024 6:08 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric

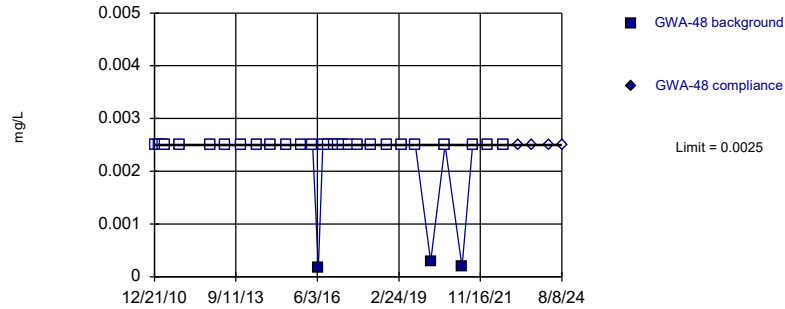


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 86.67% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

Constituent: Cobalt, Total Analysis Run 9/11/2024 6:08 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

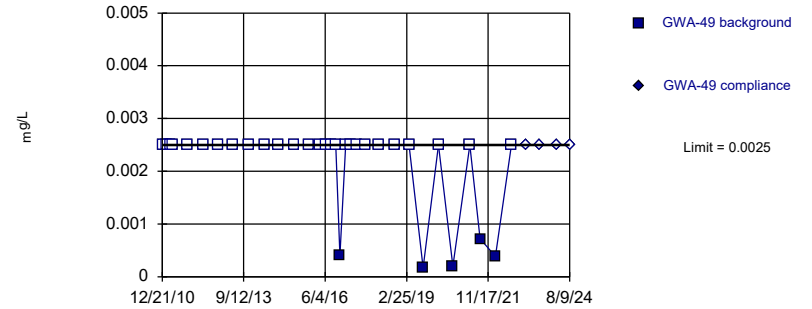


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 90.32% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

Constituent: Cobalt, Total Analysis Run 9/11/2024 6:08 PM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

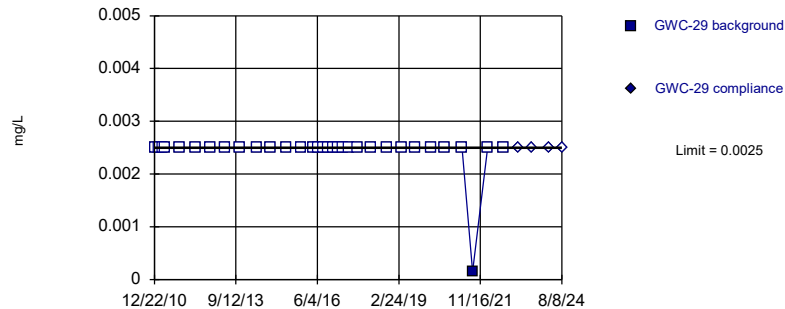


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 84.38% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Cobalt, Total Analysis Run 9/11/2024 6:08 PM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

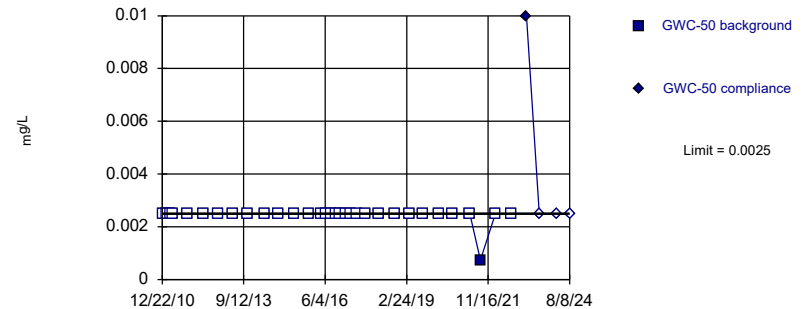


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 96.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Cobalt, Total Analysis Run 9/11/2024 6:08 PM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric



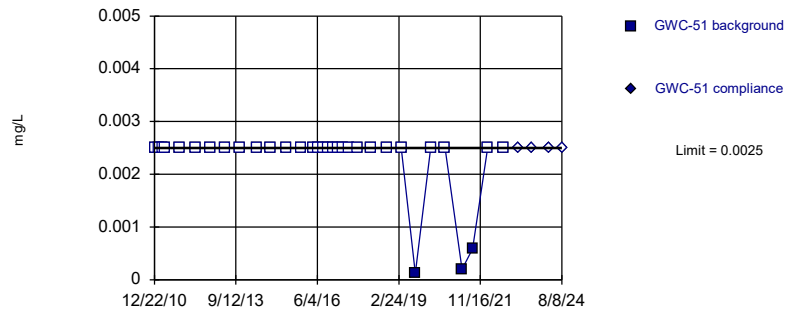
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 96.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Cobalt, Total Analysis Run 9/11/2024 6:08 PM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



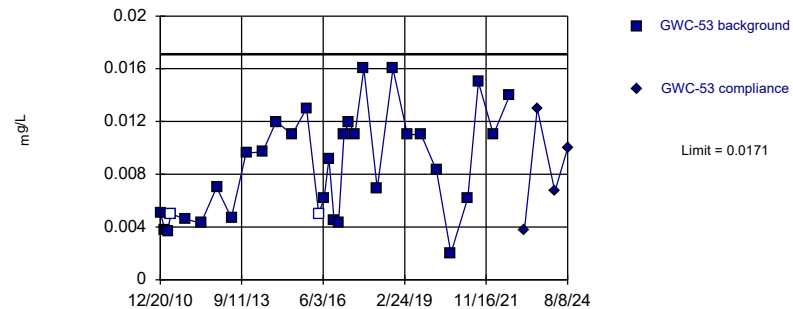
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 90.63% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Cobalt, Total Analysis Run 9/11/2024 6:08 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Parametric



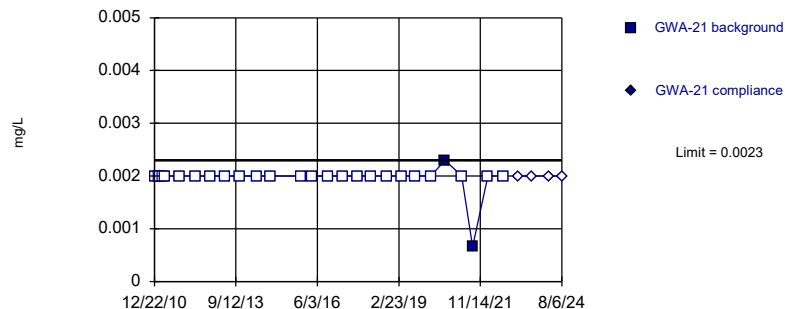
Background Data Summary: Mean=0.008566, Std. Dev.=0.003976, n=32, 6.25% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9316, critical = 0.904. Kappa = 2.146 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Cobalt, Total Analysis Run 9/11/2024 6:08 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



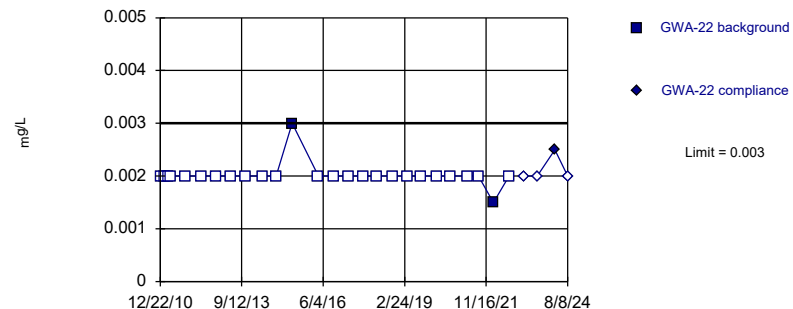
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 92.31% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Copper, Total Analysis Run 9/11/2024 6:08 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric

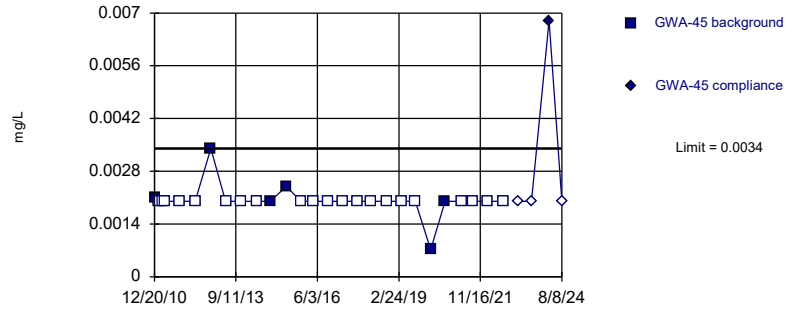


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 92.31% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Copper, Total Analysis Run 9/11/2024 6:08 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

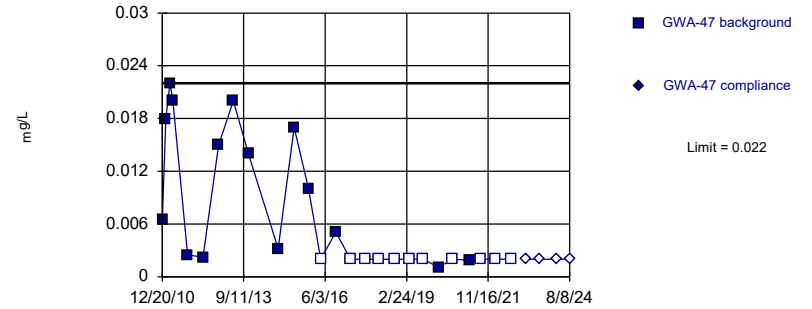


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 77.78% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Copper, Total Analysis Run 9/11/2024 6:08 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

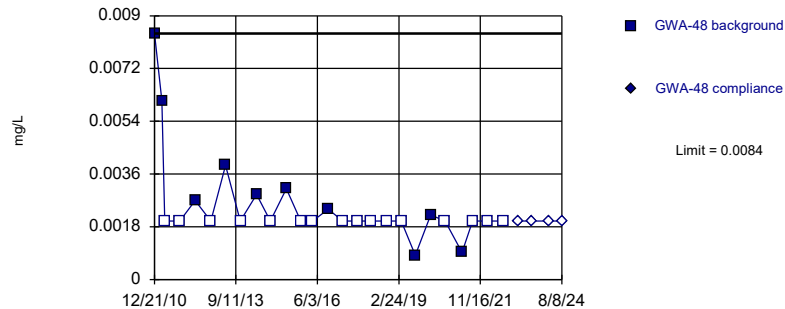


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 26 background values. 42.31% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Copper, Total Analysis Run 9/11/2024 6:08 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

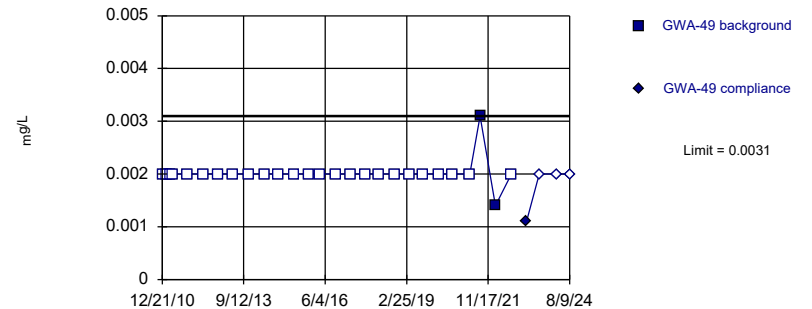


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 61.54% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Copper, Total Analysis Run 9/11/2024 6:08 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

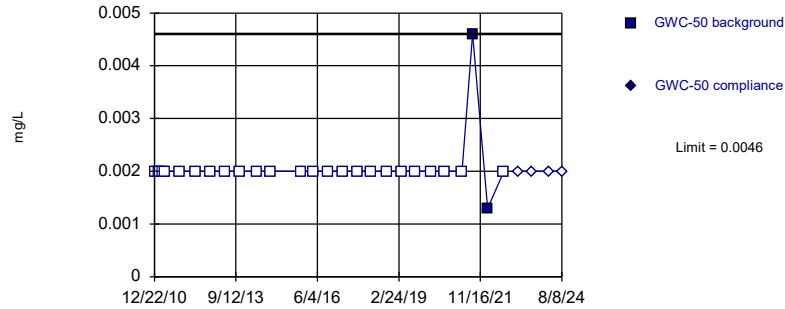


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 92.59% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Copper, Total Analysis Run 9/11/2024 6:08 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

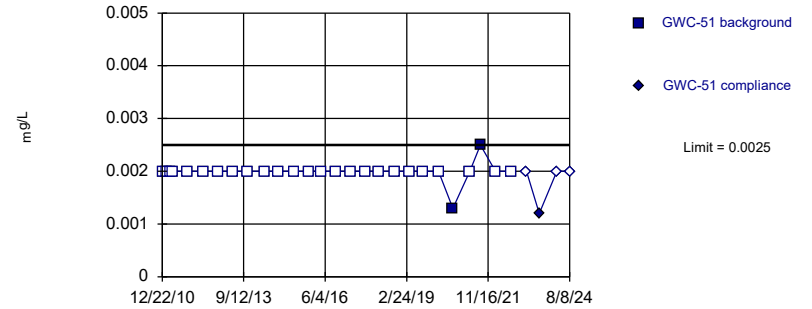


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 92.31% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Copper, Total Analysis Run 9/11/2024 6:08 PM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

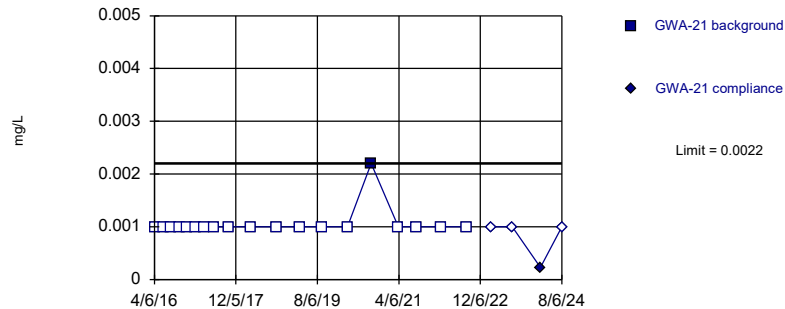


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 92.59% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Copper, Total Analysis Run 9/11/2024 6:08 PM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

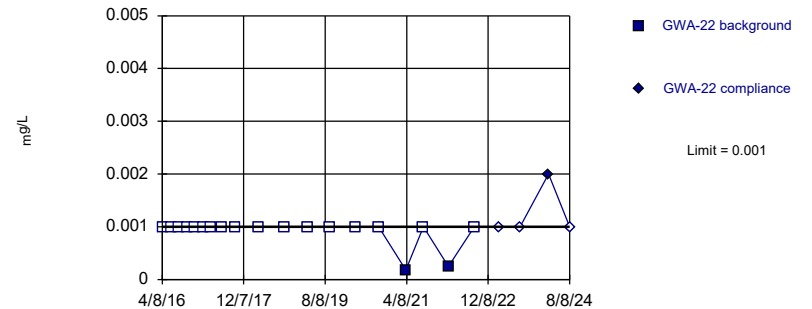


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 94.74% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Lead, Total Analysis Run 9/11/2024 6:08 PM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric



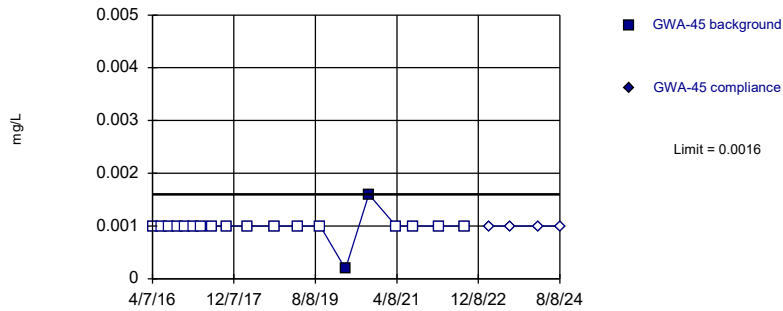
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 89.47% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Lead, Total Analysis Run 9/11/2024 6:08 PM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



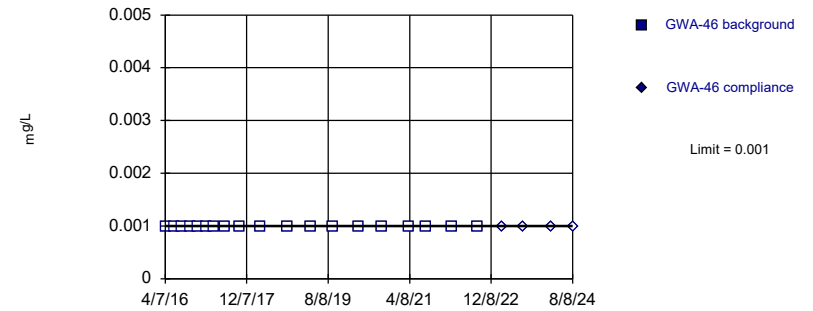
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 89.47% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Lead, Total Analysis Run 9/11/2024 6:08 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



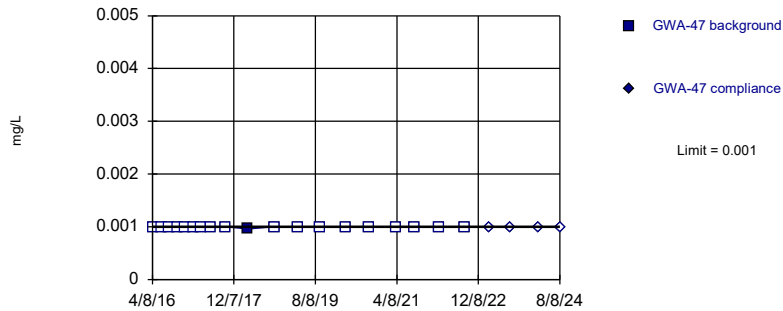
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 19) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Lead, Total Analysis Run 9/11/2024 6:08 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



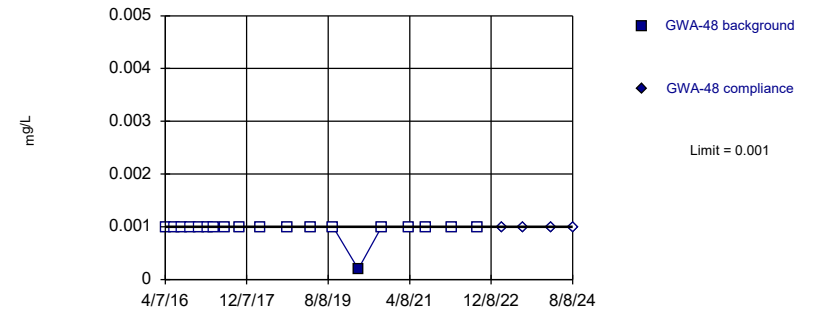
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 94.74% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Lead, Total Analysis Run 9/11/2024 6:08 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



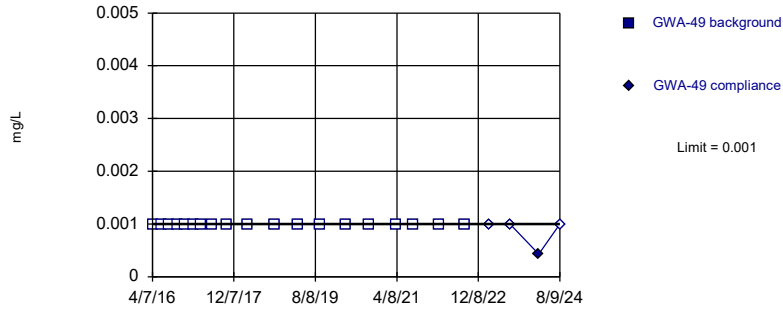
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 94.74% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Lead, Total Analysis Run 9/11/2024 6:08 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



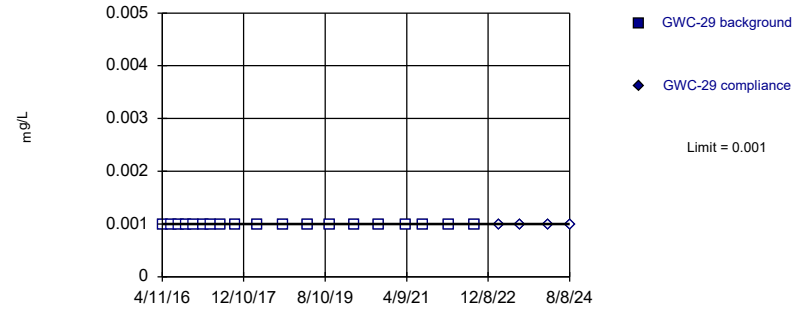
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 19) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Lead, Total Analysis Run 9/11/2024 6:08 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



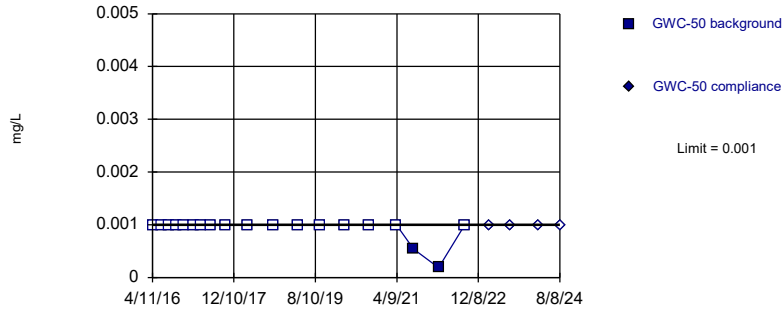
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 19) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Lead, Total Analysis Run 9/11/2024 6:08 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



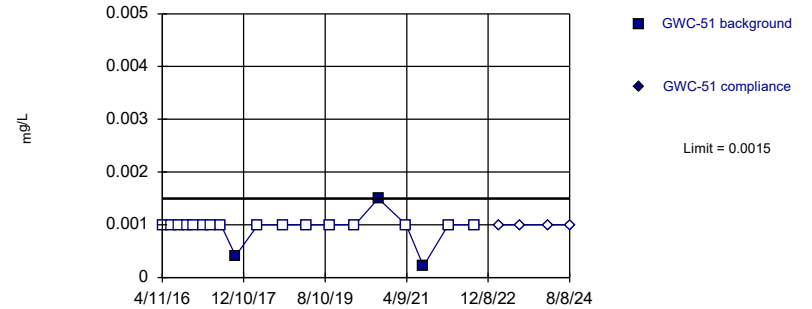
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 89.47% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Lead, Total Analysis Run 9/11/2024 6:08 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



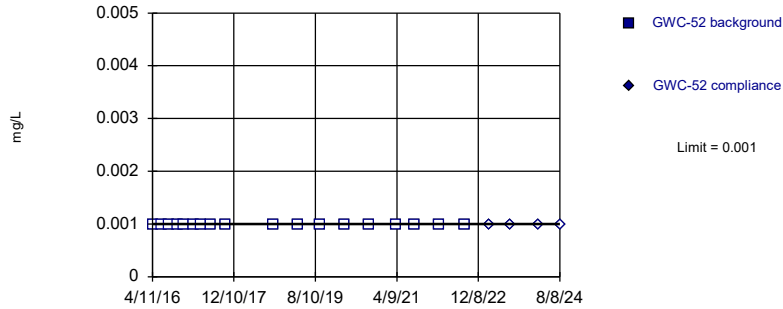
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 84.21% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Lead, Total Analysis Run 9/11/2024 6:08 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



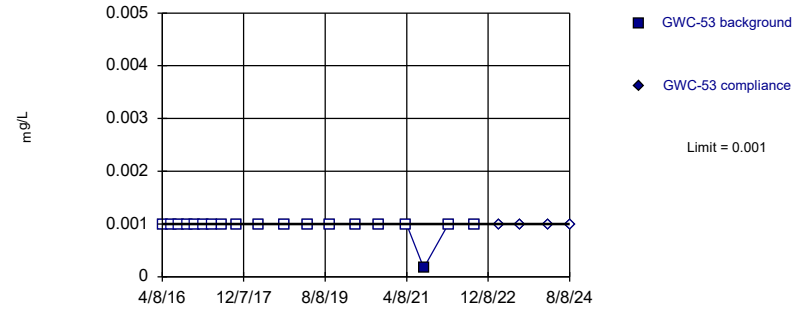
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 18) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01072. Individual comparison alpha = 0.005373 (1 of 2).

Constituent: Lead, Total Analysis Run 9/11/2024 6:08 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



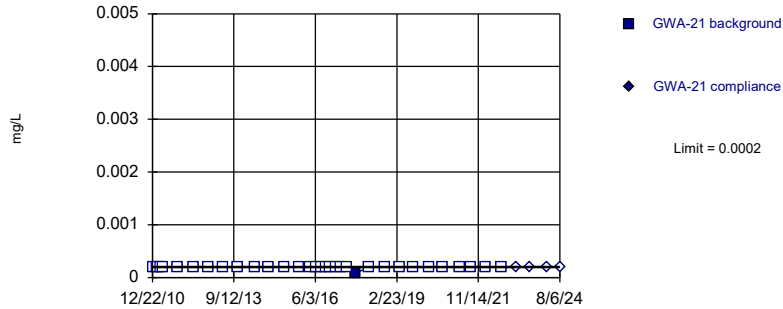
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 94.74% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Lead, Total Analysis Run 9/11/2024 6:08 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



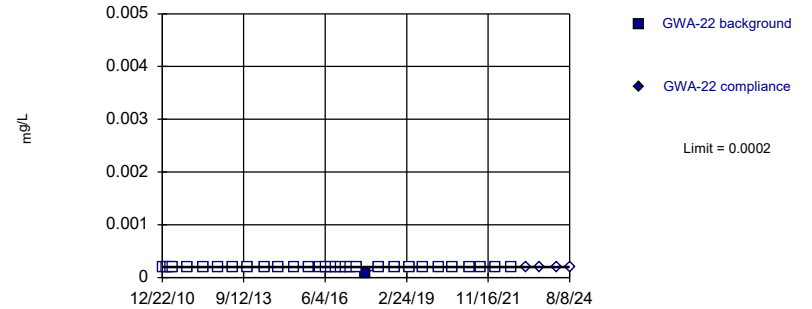
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 96.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Mercury, Total Analysis Run 9/11/2024 6:08 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric

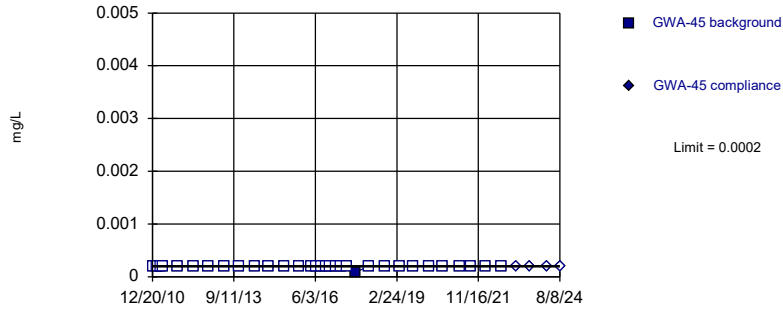


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 96.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Mercury, Total Analysis Run 9/11/2024 6:08 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

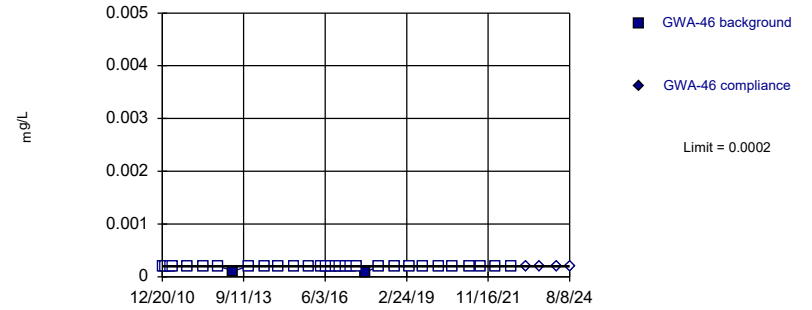


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 96.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Mercury, Total Analysis Run 9/11/2024 6:08 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

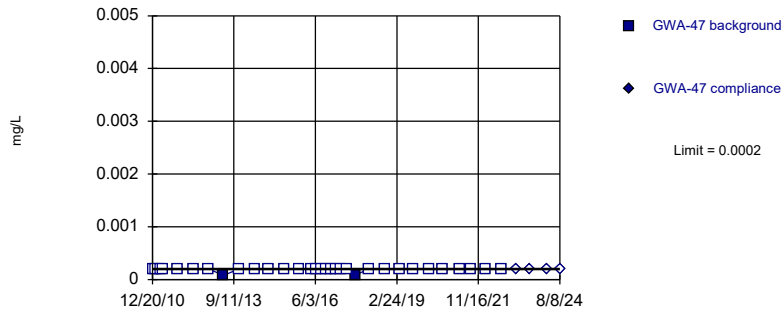


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Mercury, Total Analysis Run 9/11/2024 6:08 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

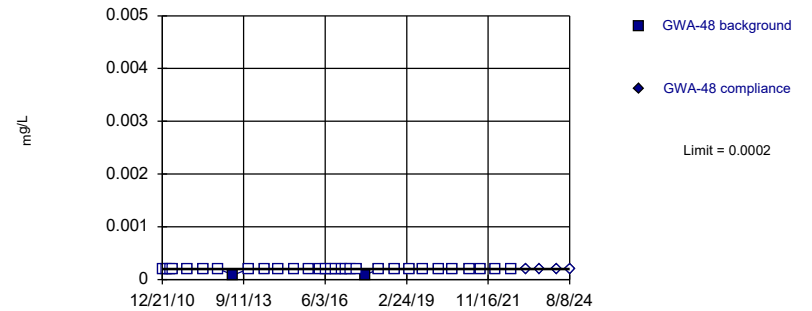


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Mercury, Total Analysis Run 9/11/2024 6:08 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric



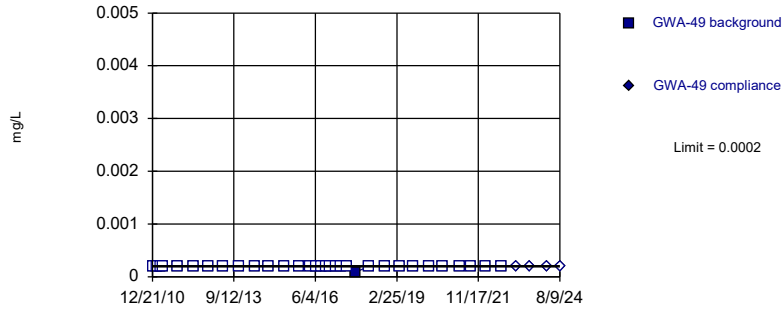
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Mercury, Total Analysis Run 9/11/2024 6:08 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



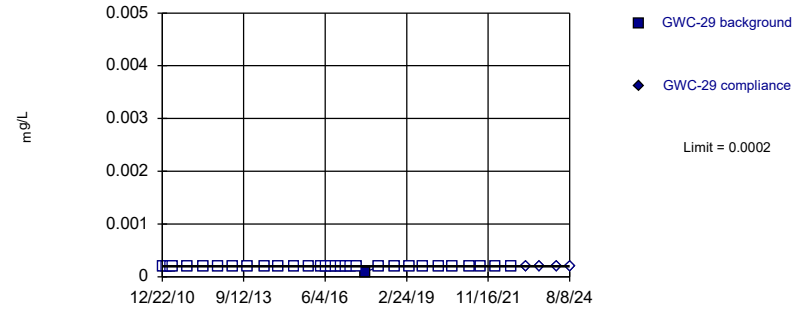
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 96.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Mercury, Total Analysis Run 9/11/2024 6:09 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



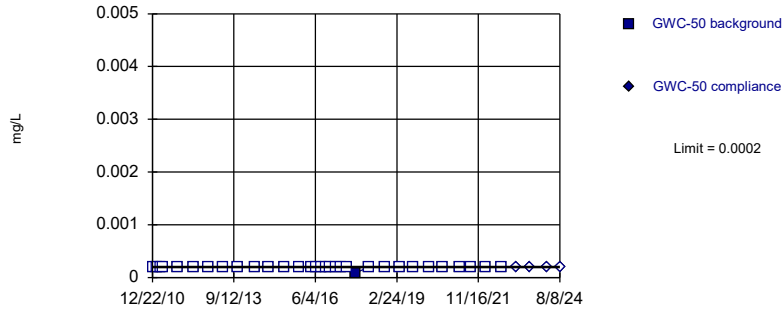
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 96.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Mercury, Total Analysis Run 9/11/2024 6:09 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



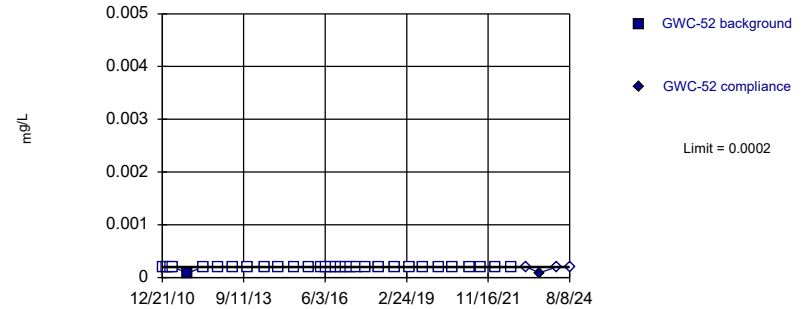
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 96.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Mercury, Total Analysis Run 9/11/2024 6:09 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



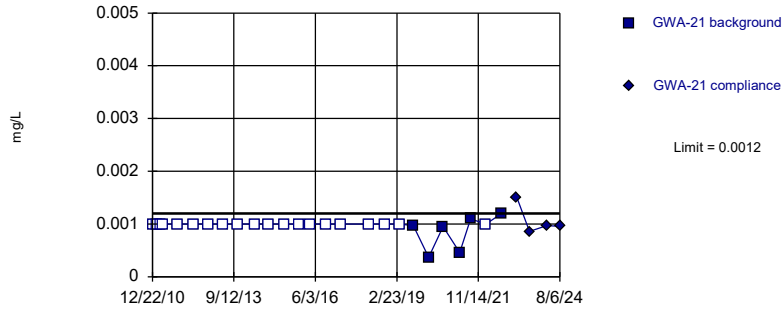
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 96.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Mercury, Total Analysis Run 9/11/2024 6:09 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



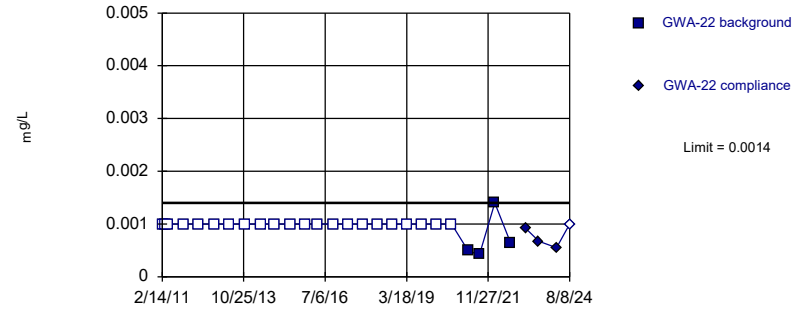
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 76.92% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Nickel, Total Analysis Run 9/11/2024 6:09 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



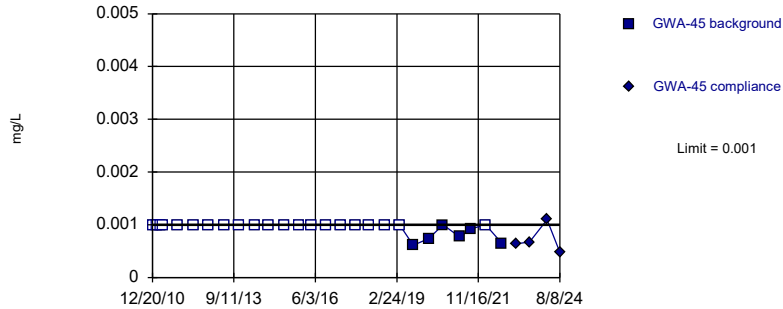
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 84.62% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Nickel, Total Analysis Run 9/11/2024 6:09 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



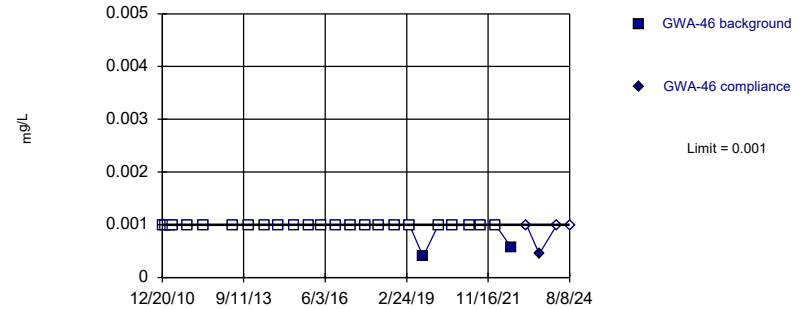
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 77.78% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Nickel, Total Analysis Run 9/11/2024 6:09 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric

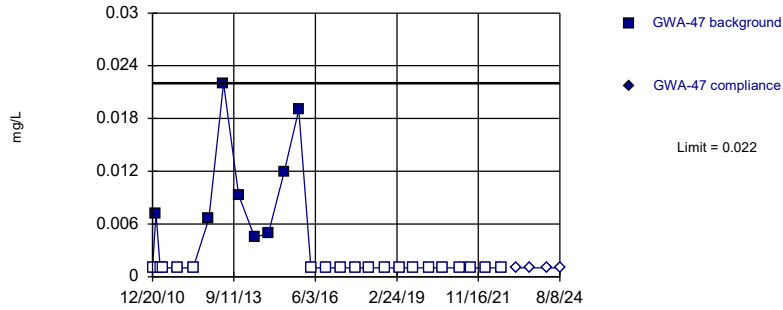


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 92.31% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Nickel, Total Analysis Run 9/11/2024 6:09 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

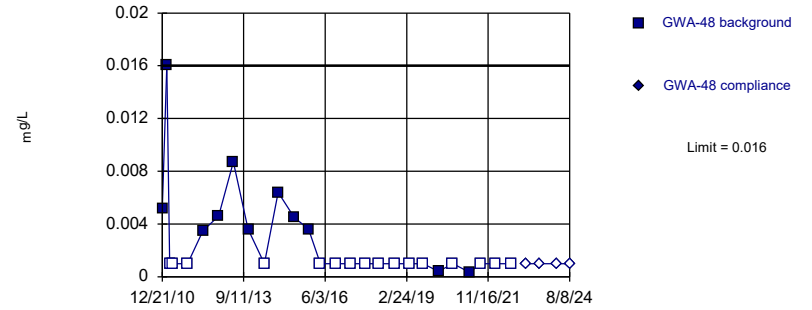


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 70.37% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Nickel, Total Analysis Run 9/11/2024 6:09 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

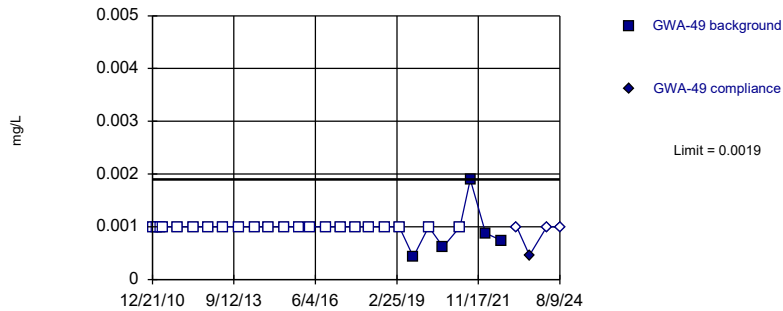


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 59.26% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Nickel, Total Analysis Run 9/11/2024 6:09 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

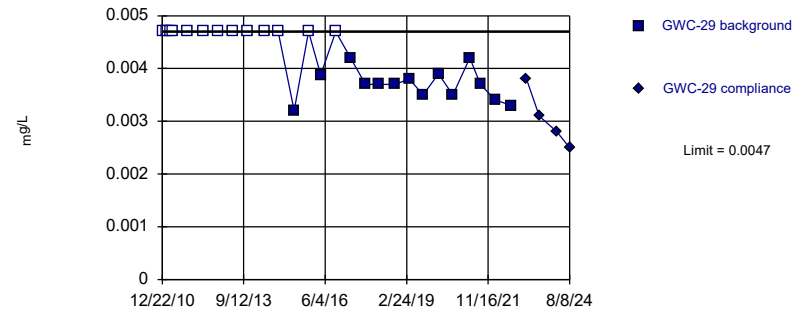


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 81.48% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Nickel, Total Analysis Run 9/11/2024 6:09 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

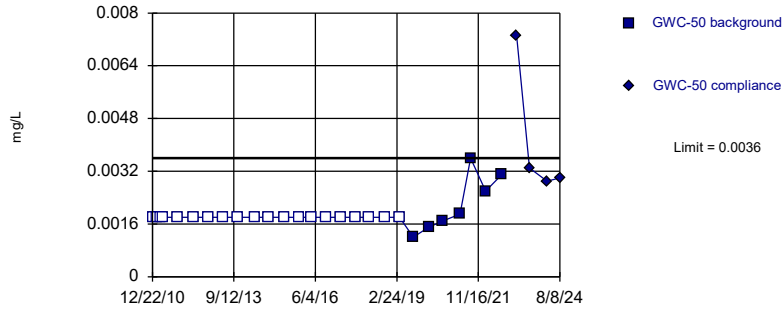


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 27 background values. 48.15% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Nickel, Total Analysis Run 9/11/2024 6:09 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

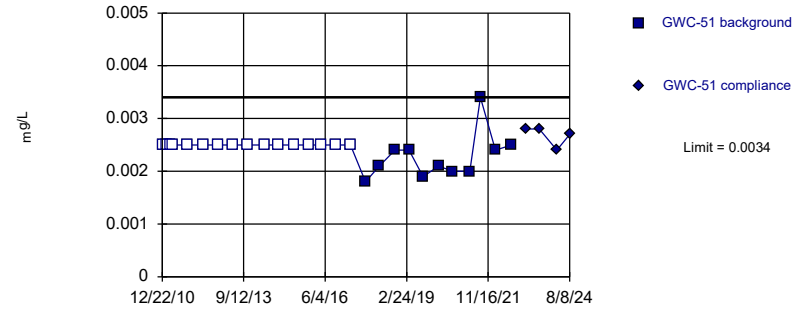


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 74.07% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Nickel, Total Analysis Run 9/11/2024 6:09 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

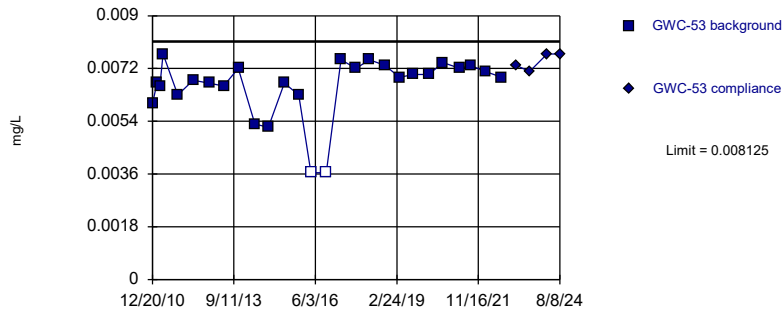


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 59.26% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Nickel, Total Analysis Run 9/11/2024 6:09 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Parametric

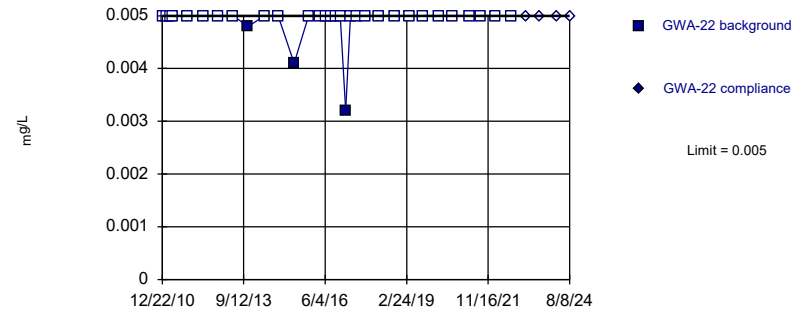


Background Data Summary (based on cube transformation): Mean=3.0e-7, Std. Dev.=1.1e-7, n=27, 7.407% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8997, critical = 0.894. Kappa = 2.193 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Nickel, Total Analysis Run 9/11/2024 6:09 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric



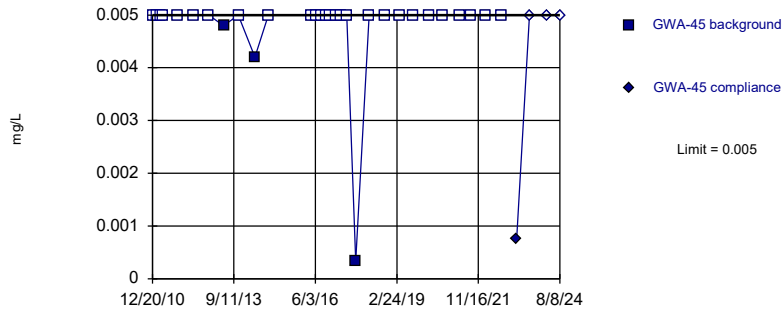
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 90.63% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Selenium, Total Analysis Run 9/11/2024 6:09 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



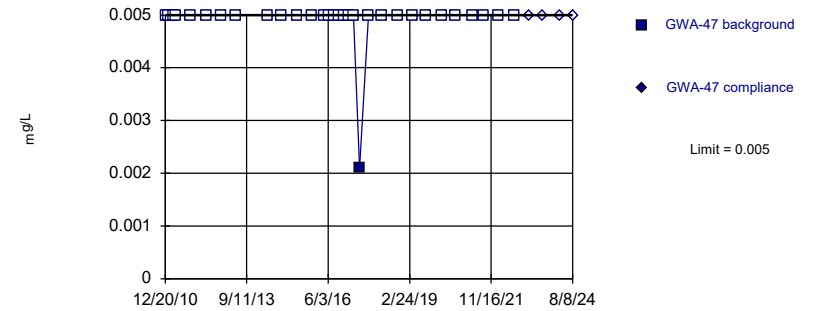
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 90% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

Constituent: Selenium, Total Analysis Run 9/11/2024 6:09 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



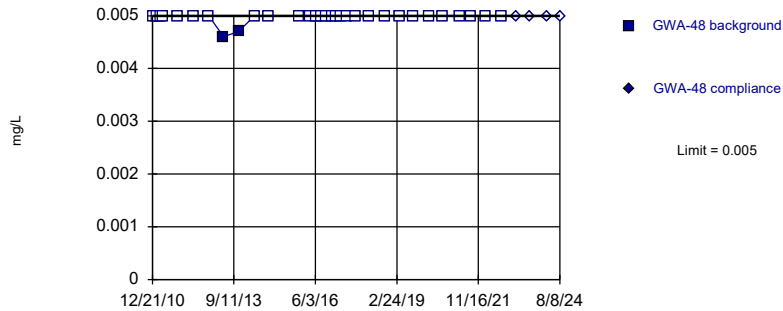
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 96.77% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

Constituent: Selenium, Total Analysis Run 9/11/2024 6:09 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



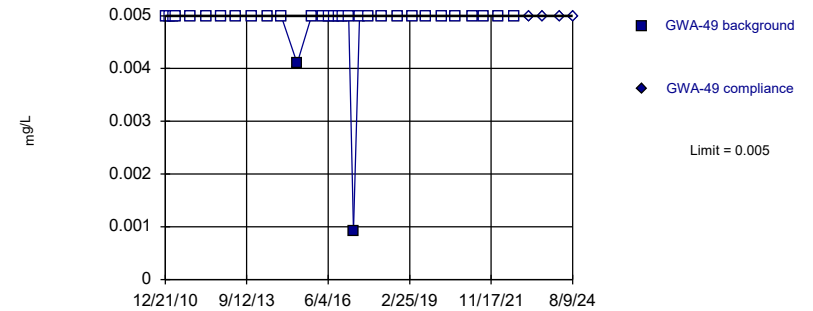
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 93.55% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

Constituent: Selenium, Total Analysis Run 9/11/2024 6:09 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



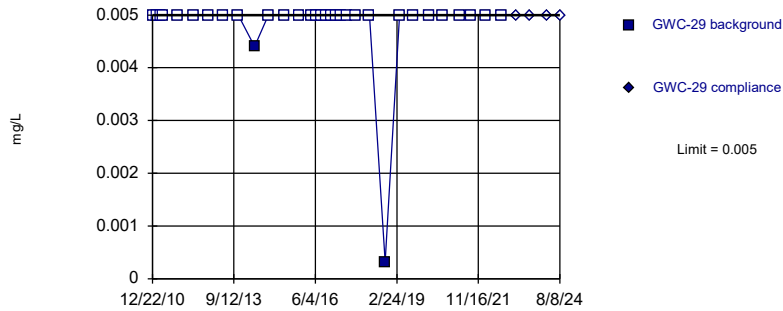
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Selenium, Total Analysis Run 9/11/2024 6:09 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



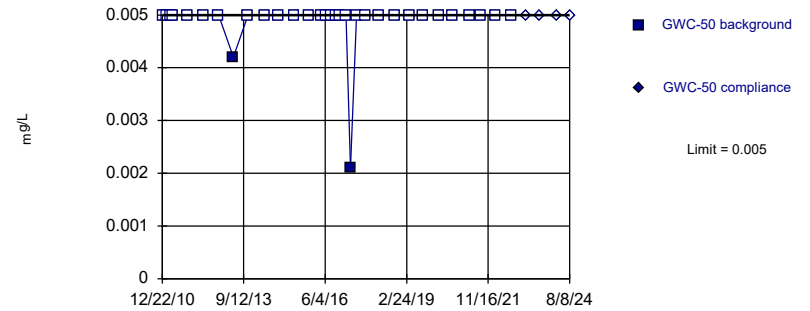
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Selenium, Total Analysis Run 9/11/2024 6:09 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



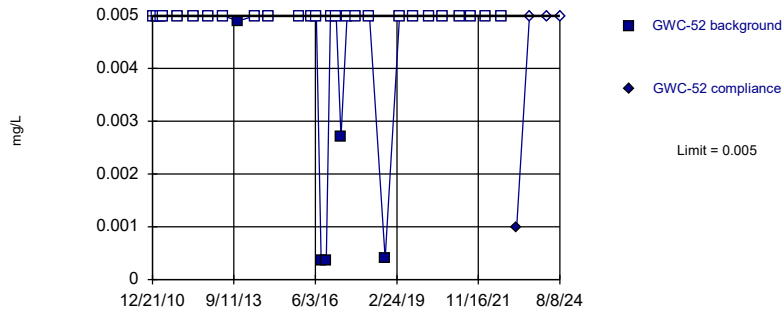
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Selenium, Total Analysis Run 9/11/2024 6:09 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



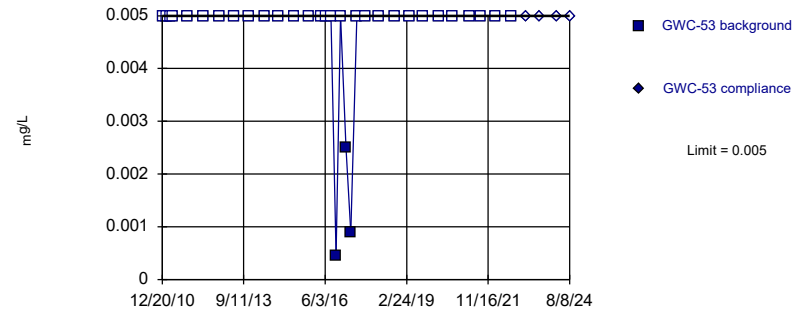
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 83.87% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

Constituent: Selenium, Total Analysis Run 9/11/2024 6:09 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



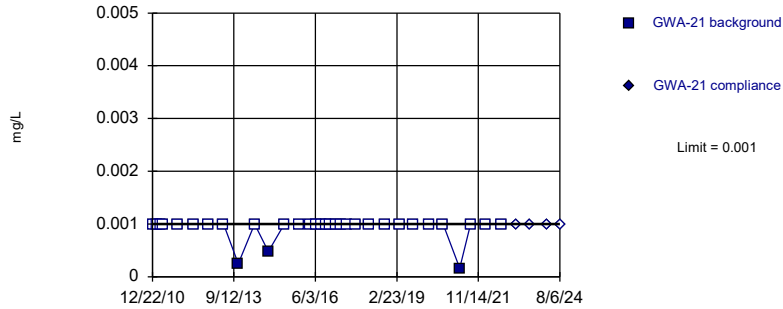
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 90.63% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Selenium, Total Analysis Run 9/11/2024 6:09 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



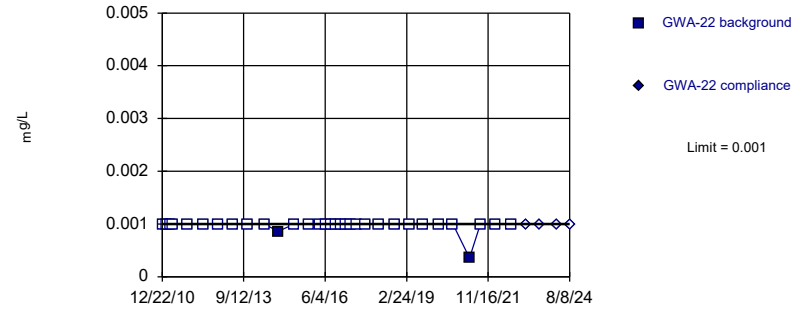
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 90.63% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Thallium, Total Analysis Run 9/11/2024 6:09 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



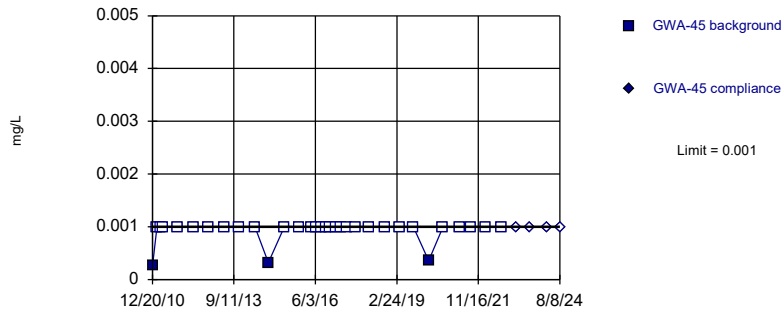
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Thallium, Total Analysis Run 9/11/2024 6:09 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



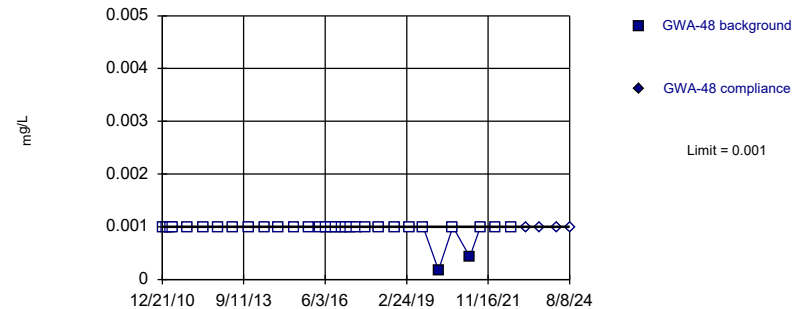
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 90.63% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Thallium, Total Analysis Run 9/11/2024 6:09 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



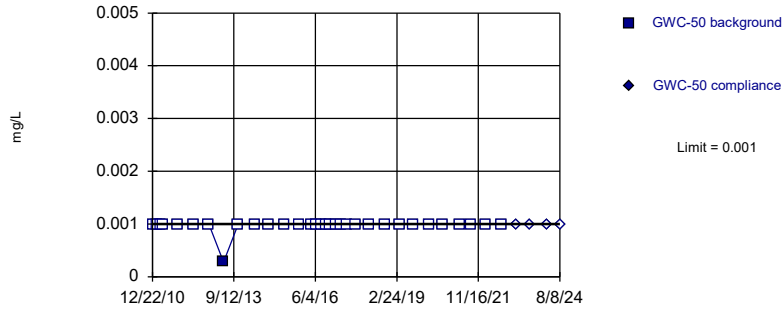
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Thallium, Total Analysis Run 9/11/2024 6:09 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



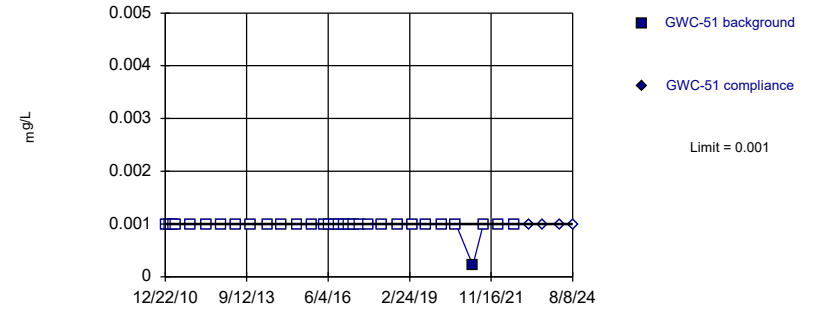
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 96.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Thallium, Total Analysis Run 9/11/2024 6:09 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



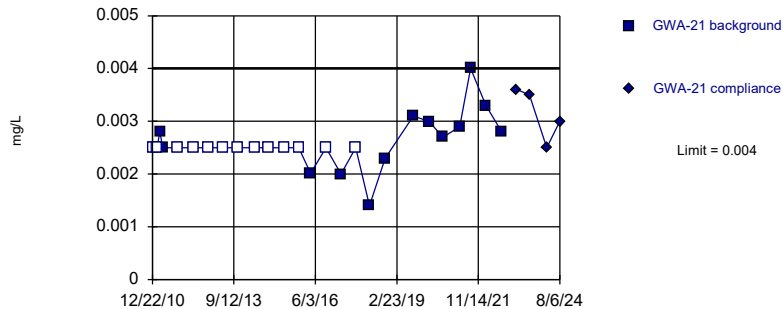
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 96.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Thallium, Total Analysis Run 9/11/2024 6:09 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



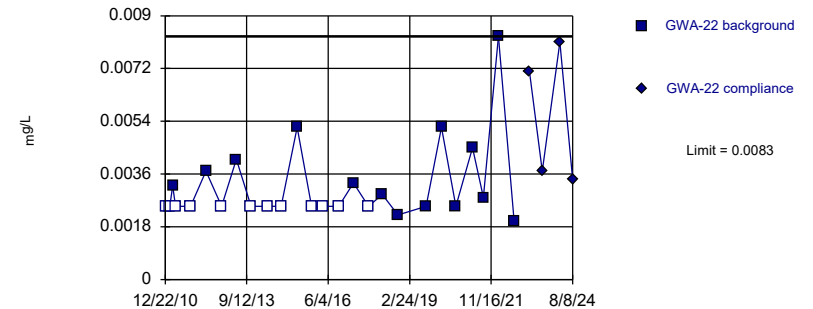
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 26 background values. 50% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Vanadium, Total Analysis Run 9/11/2024 6:09 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



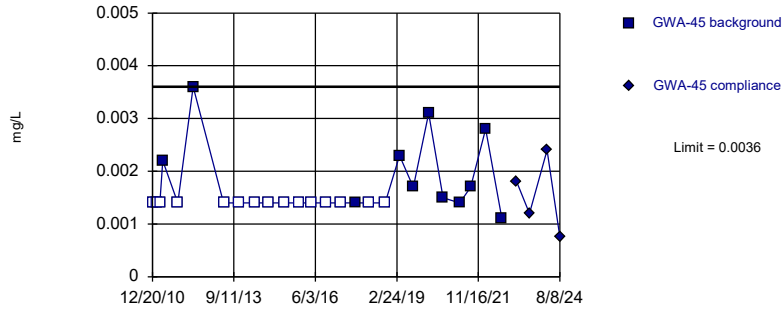
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 26 background values. 46.15% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Vanadium, Total Analysis Run 9/11/2024 6:09 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



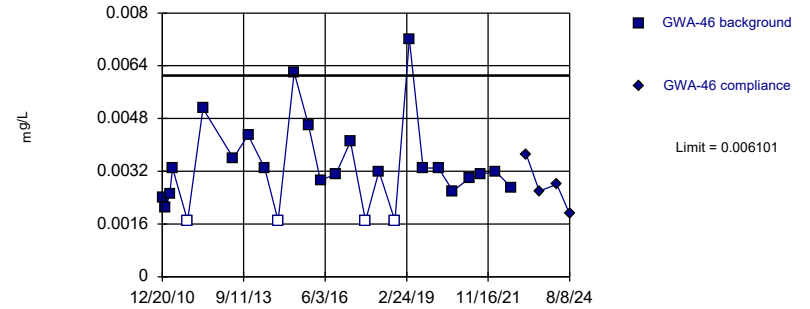
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 57.69% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Vanadium, Total Analysis Run 9/11/2024 6:09 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Parametric



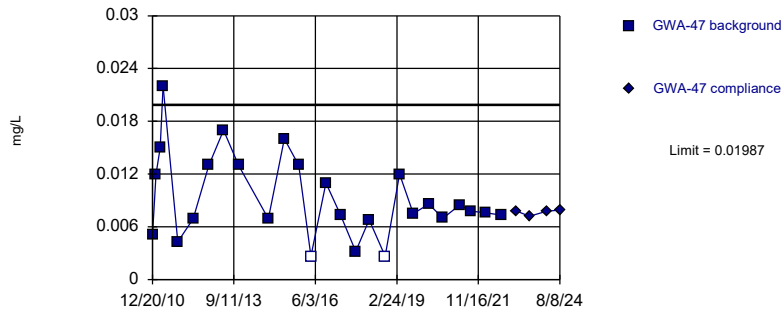
Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=0.05716, Std. Dev.=0.009504, n=26, 15.38% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9284, critical = 0.891. Kappa = 2.204 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Vanadium, Total Analysis Run 9/11/2024 6:09 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Parametric



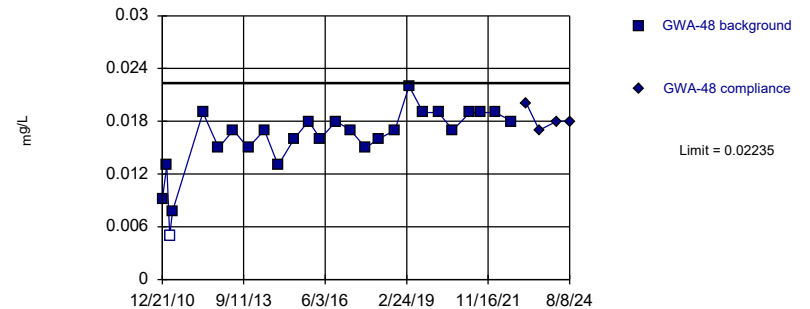
Background Data Summary: Mean=0.009388, Std. Dev.=0.004755, n=26, 7.692% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9356, critical = 0.891. Kappa = 2.204 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Vanadium, Total Analysis Run 9/11/2024 6:09 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Parametric

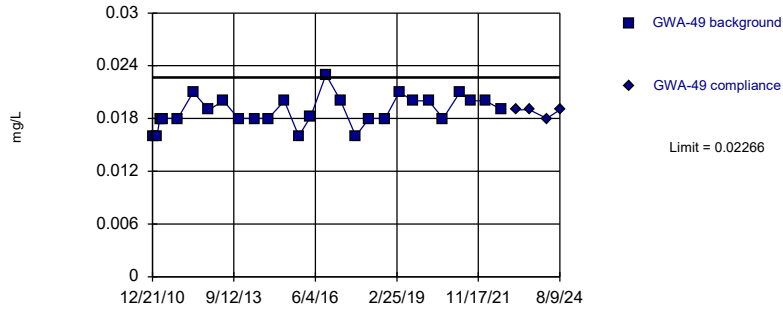


Background Data Summary (based on square transformation): Mean=0.0002699, Std. Dev.=0.0001043, n=26, 3.846% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9293, critical = 0.891. Kappa = 2.204 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Vanadium, Total Analysis Run 9/11/2024 6:09 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Parametric



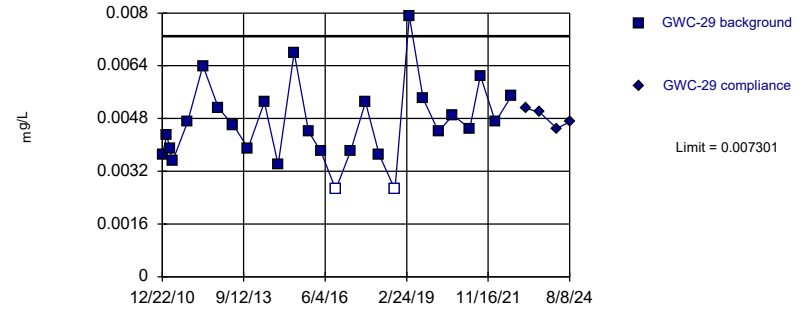
Background Data Summary: Mean=0.01882, Std. Dev.=0.001752, n=27. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9216, critical = 0.894. Kappa = 2.193 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Vanadium, Total Analysis Run 9/11/2024 6:09 PM View: Appendix I - Intrawell Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Parametric



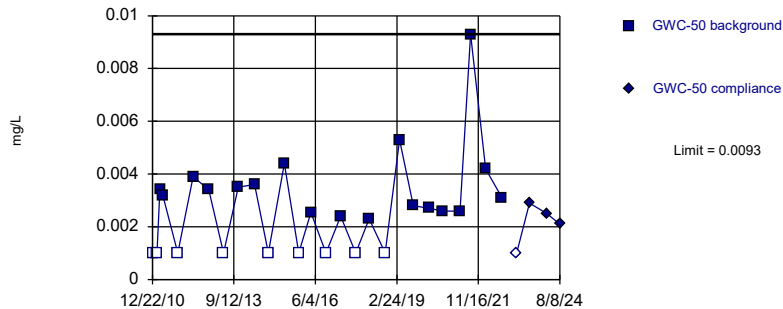
Background Data Summary: Mean=0.004641, Std. Dev.=0.001213, n=27, 7.407% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9573, critical = 0.894. Kappa = 2.193 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Vanadium, Total Analysis Run 9/11/2024 6:09 PM View: Appendix I - Intrawell Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



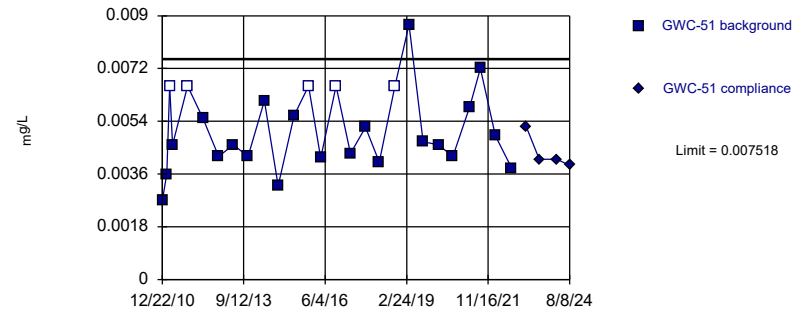
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 27 background values. 33.33% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Vanadium, Total Analysis Run 9/11/2024 6:09 PM View: Appendix I - Intrawell Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Parametric



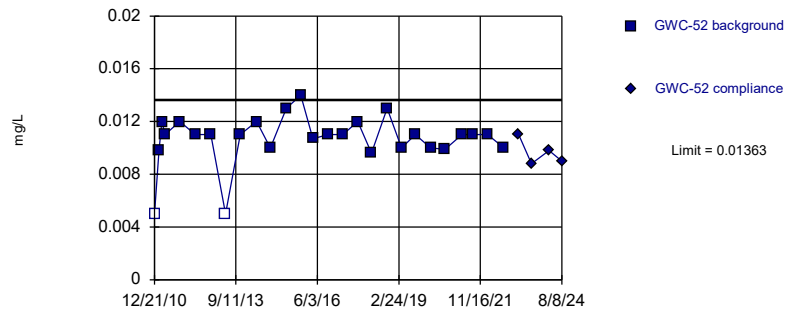
Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.004618, Std. Dev.=0.001323, n=27, 18.52% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9562, critical = 0.894. Kappa = 2.193 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Vanadium, Total Analysis Run 9/11/2024 6:09 PM View: Appendix I - Intrawell Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Santitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Parametric



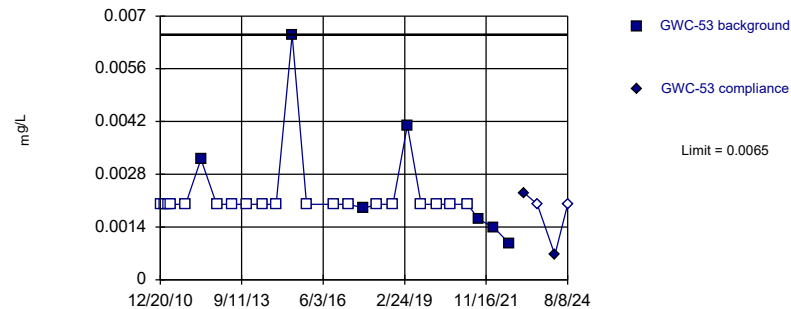
Background Data Summary (based on cube transformation): Mean=0.00000132, Std. Dev.=5.5e-7, n=27, 7.407% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9141, critical = 0.894. Kappa = 2.193 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Vanadium, Total Analysis Run 9/11/2024 6:09 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Santitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



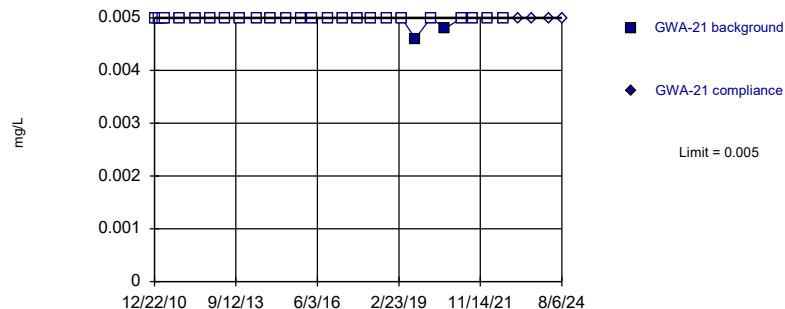
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 73.08% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Vanadium, Total Analysis Run 9/11/2024 6:09 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Santitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



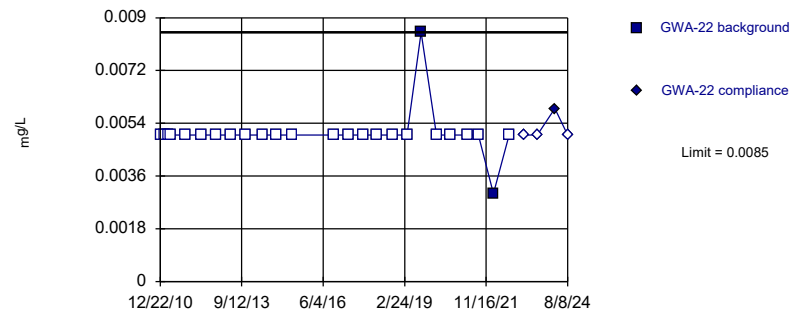
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 92.59% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Zinc, Total Analysis Run 9/11/2024 6:09 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Santitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



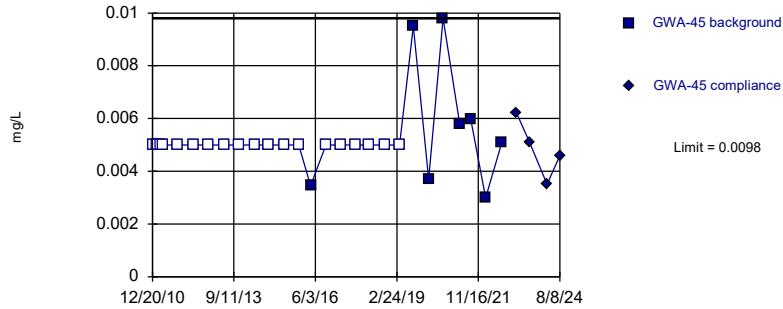
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 92% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

Constituent: Zinc, Total Analysis Run 9/11/2024 6:09 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



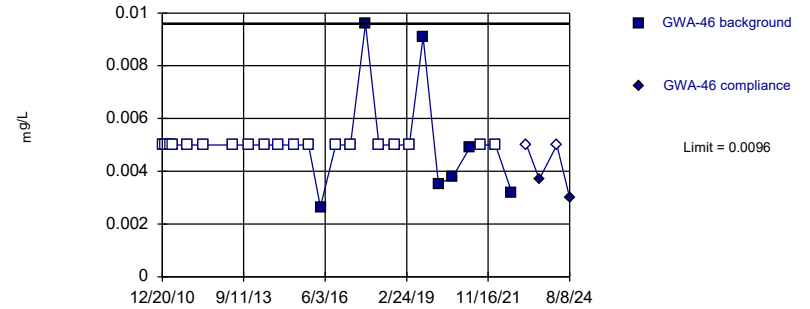
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 70.37% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Zinc, Total Analysis Run 9/11/2024 6:09 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



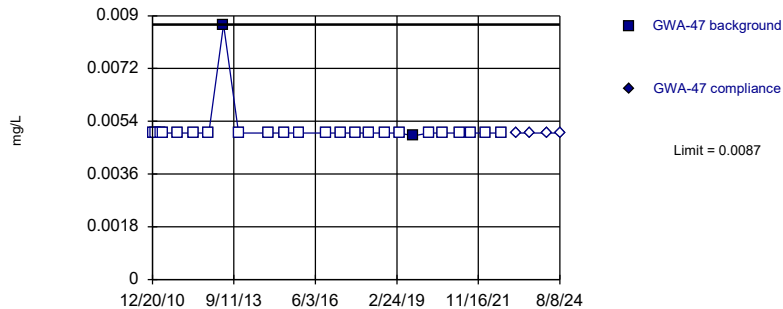
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 73.08% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Zinc, Total Analysis Run 9/11/2024 6:09 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



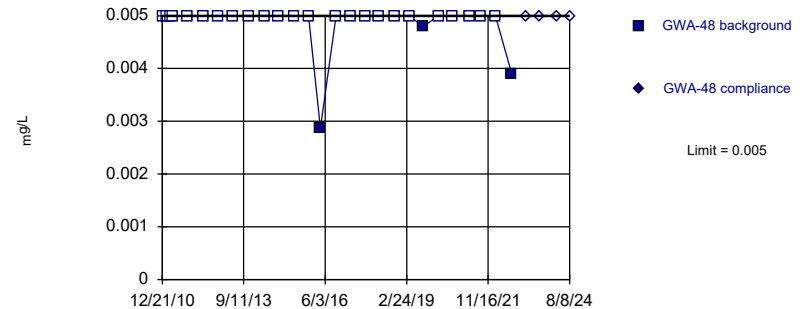
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 92% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

Constituent: Zinc, Total Analysis Run 9/11/2024 6:09 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric

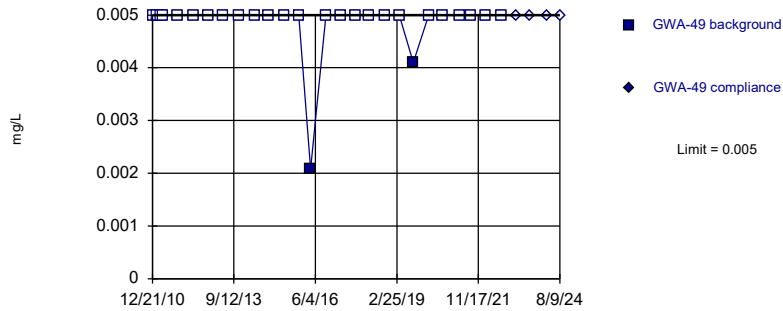


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 88.89% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Zinc, Total Analysis Run 9/11/2024 6:09 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

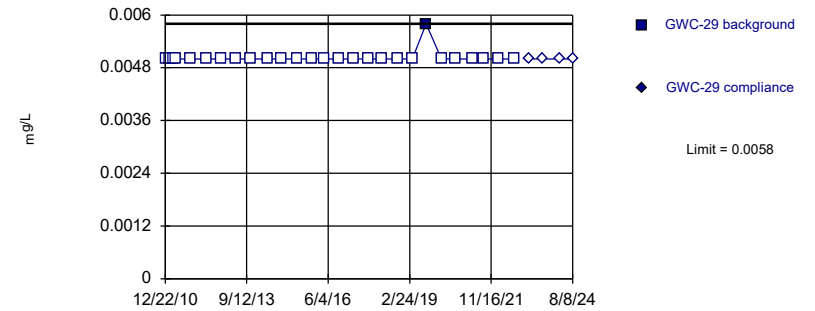


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 92.59% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Zinc, Total Analysis Run 9/11/2024 6:09 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

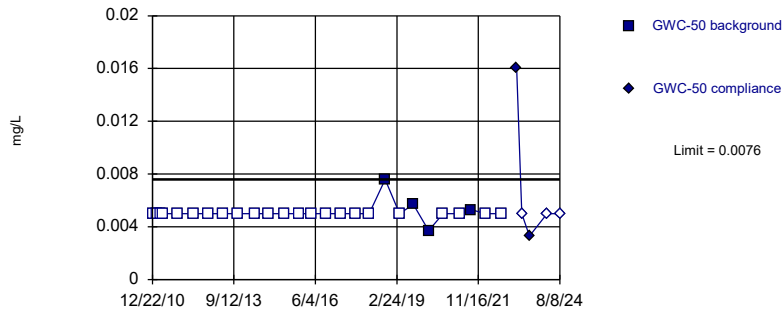


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 96.3% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Zinc, Total Analysis Run 9/11/2024 6:09 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

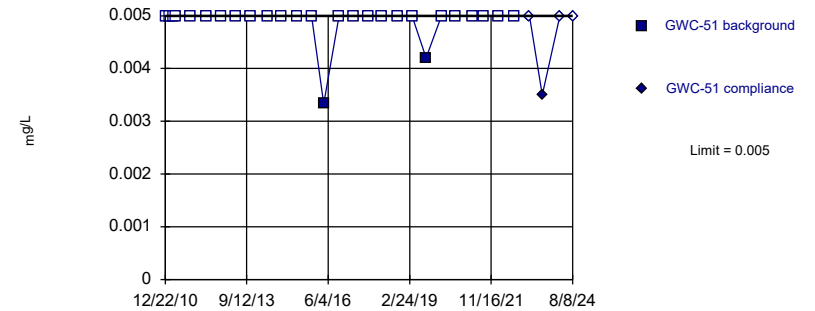


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 85.19% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Zinc, Total Analysis Run 9/11/2024 6:09 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

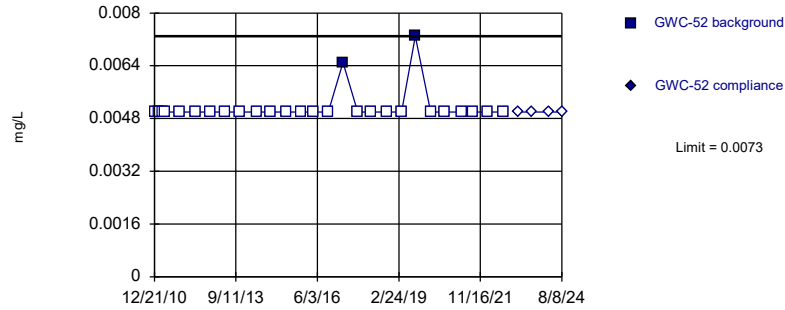


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 92.59% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Zinc, Total Analysis Run 9/11/2024 6:09 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

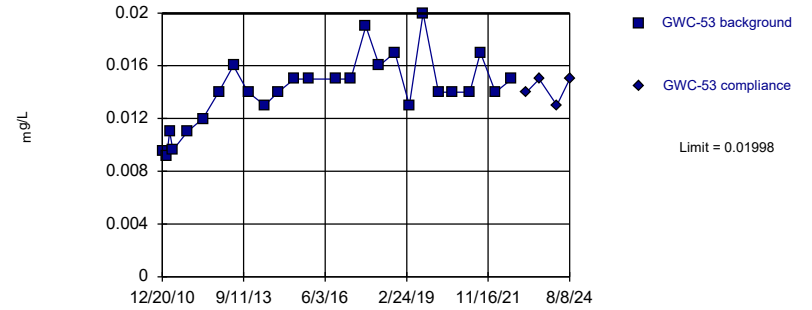


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 92.59% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Zinc, Total Analysis Run 9/11/2024 6:10 PM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
 Intrawell Parametric



Background Data Summary: Mean=0.01409, Std. Dev.=0.002672, n=26. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9532, critical = 0.891. Kappa = 2.204 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Zinc, Total Analysis Run 9/11/2024 6:10 PM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Prediction Limit

Constituent: Antimony, Total (mg/L) Analysis Run 9/11/2024 6:14 PM View: Appendix I - Inrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21	GWA-21
12/22/2010	<0.002	
2/14/2011	<0.002	
3/22/2011	<0.002	
4/26/2011	<0.002	
10/27/2011	<0.002	
5/1/2012	<0.002	
11/8/2012	<0.002	
5/7/2013	<0.002	
11/4/2013	<0.002	
5/24/2014	<0.002	
11/8/2014	<0.002	
5/21/2015	<0.002	
11/13/2015	<0.002	
4/6/2016	<0.002	
6/14/2016	<0.002	
8/10/2016	0.001 (J)	
10/11/2016	<0.002	
12/2/2016	<0.002	
2/10/2017	<0.002	
4/10/2017	<0.002	
6/23/2017	<0.002	
10/9/2017	<0.002	
3/26/2018	<0.002	
10/3/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	<0.002	
9/10/2020	<0.002	
4/2/2021	<0.002	
8/12/2021	<0.002	
2/14/2022	<0.002	
8/26/2022	<0.002	
2/28/2023		<0.002
8/2/2023		<0.002
2/29/2024		<0.002
8/6/2024		<0.002

Prediction Limit

Constituent: Antimony, Total (mg/L) Analysis Run 9/11/2024 6:14 PM View: Appendix I - Inrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-46	GWA-46
12/20/2010	<0.002	
2/1/2011	<0.002	
3/21/2011	<0.002	
4/26/2011	<0.002	
10/27/2011	<0.002	
5/2/2012	<0.002	
11/8/2012	<0.002	
5/7/2013	<0.002	
11/4/2013	<0.002	
5/24/2014	<0.002	
11/7/2014	<0.002	
5/20/2015	<0.002	
11/13/2015	<0.002	
4/7/2016	<0.002	
6/14/2016	0.0004 (J)	
8/9/2016	<0.002	
10/10/2016	<0.002	
12/2/2016	<0.002	
2/10/2017	<0.002	
4/7/2017	<0.002	
6/23/2017	<0.002	
10/10/2017	<0.002	
3/23/2018	<0.002	
10/4/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	<0.002	
9/11/2020	<0.002	
4/5/2021	<0.002	
8/12/2021	<0.002	
2/14/2022	<0.002	
8/31/2022	<0.002	
2/28/2023		<0.002
8/3/2023		<0.002
3/4/2024		<0.002
8/8/2024		<0.002

Prediction Limit

Constituent: Antimony, Total (mg/L) Analysis Run 9/11/2024 6:14 PM View: Appendix I - Inrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47	GWA-47
12/20/2010	<0.002	
2/1/2011	<0.002	
3/23/2011	<0.002	
4/27/2011	<0.002	
10/26/2011	<0.002	
5/1/2012	<0.002	
11/8/2012	<0.002	
5/7/2013	<0.002	
11/5/2013	<0.002	
5/23/2014	<0.002	
11/7/2014	<0.002	
5/21/2015	<0.002	
11/12/2015	<0.002	
4/8/2016	<0.002 (D)	
6/14/2016	<0.002	
8/9/2016	<0.002	
10/11/2016	<0.002	
12/5/2016	<0.002	
2/10/2017	<0.002	
4/7/2017	<0.002	
6/22/2017	<0.002	
10/10/2017	<0.002	
3/22/2018	<0.002	
10/5/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	<0.002	
3/20/2020	<0.002	
9/11/2020	<0.002	
4/5/2021	<0.002	
8/13/2021	<0.002	
2/14/2022	<0.002	
8/31/2022	0.00059 (J)	
2/28/2023		<0.002
8/3/2023		<0.002
3/4/2024		<0.002
8/8/2024		<0.002

Prediction Limit

Constituent: Antimony, Total (mg/L) Analysis Run 9/11/2024 6:14 PM View: Appendix I - Inrawell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48	GWA-48
12/21/2010	<0.002	
2/14/2011	<0.002	
3/23/2011	<0.002	
4/27/2011	<0.002	
10/25/2011	<0.002	
5/1/2012	<0.002	
11/8/2012	<0.002	
5/7/2013	<0.002	
11/5/2013	<0.002	
5/23/2014	<0.002	
11/7/2014	<0.002	
5/21/2015	<0.002	
11/12/2015	<0.002	
4/7/2016	<0.002	
6/17/2016	<0.002	
8/10/2016	<0.002	
10/14/2016	<0.002	
12/19/2016	<0.002	
2/13/2017	<0.002	
4/7/2017	<0.002	
6/22/2017	<0.002	
10/10/2017	<0.002	
3/23/2018	<0.002	
10/3/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	<0.002	
9/11/2020	<0.002	
4/5/2021	<0.002	
8/12/2021	<0.002	
2/14/2022	<0.002	
8/31/2022	0.00089 (J)	
2/28/2023		<0.002
8/3/2023		<0.002
3/4/2024		<0.002
8/8/2024		<0.002

Prediction Limit

Constituent: Antimony, Total (mg/L) Analysis Run 9/11/2024 6:14 PM View: Appendix I - Inrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-51	GWC-51
12/22/2010	<0.002	
2/15/2011	<0.002	
3/22/2011	<0.002	
4/27/2011	<0.002	
10/26/2011	<0.002	
5/2/2012	<0.002	
11/8/2012	<0.002	
5/8/2013	<0.002	
11/4/2013	<0.002	
5/24/2014	<0.002	
11/7/2014	<0.002	
5/22/2015	<0.002	
11/13/2015	<0.002	
4/11/2016	<0.002	
6/16/2016	<0.002	
8/10/2016	<0.002	
10/13/2016	<0.002	
12/5/2016	<0.002	
2/13/2017	<0.002	
4/10/2017	<0.002	
6/23/2017	<0.002	
10/11/2017	<0.002	
3/26/2018	<0.002	
10/4/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	<0.002	
9/11/2020	<0.002	
4/5/2021	<0.002	
8/13/2021	<0.002	
2/15/2022	<0.002	
8/31/2022	0.00087 (J)	
2/28/2023		<0.002
8/3/2023		<0.002
3/4/2024		<0.002
8/8/2024		<0.002

Prediction Limit

Constituent: Arsenic, Total (mg/L) Analysis Run 9/11/2024 6:14 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-22	GWA-22
12/22/2010	<0.001	
2/14/2011	<0.001	
3/22/2011	<0.001	
4/26/2011	<0.001	
10/27/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/8/2014	<0.001	
5/21/2015	<0.001	
11/13/2015	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
10/11/2016	<0.001	
12/5/2016	<0.001	
2/10/2017	<0.001	
4/7/2017	<0.001	
6/26/2017	<0.001	
10/9/2017	<0.001	
3/26/2018	<0.001 (D)	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/2/2021	<0.001	
8/12/2021	<0.001	
2/15/2022	<0.001	
8/26/2022	<0.001	
2/28/2023		<0.001
8/3/2023		<0.001
3/4/2024		<0.001
8/8/2024		0.00088 (J)

Prediction Limit

Constituent: Arsenic, Total (mg/L) Analysis Run 9/11/2024 6:14 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-45	GWA-45
12/20/2010	<0.001	
2/14/2011	<0.001	
3/21/2011	<0.001	
4/26/2011	<0.001	
10/26/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/20/2015	<0.001	
11/13/2015	<0.001	
4/7/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
10/10/2016	<0.001	
12/2/2016	<0.001	
2/9/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	0.0015	
3/22/2018	<0.001 (D)	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/11/2020	<0.001	
4/2/2021	<0.001	
8/12/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
2/28/2023		0.00035 (J)
8/3/2023		<0.001
3/4/2024		<0.001
8/8/2024		0.0011

Prediction Limit

Constituent: Arsenic, Total (mg/L) Analysis Run 9/11/2024 6:14 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-46	GWA-46
12/20/2010	<0.001	
2/1/2011	<0.001	
3/21/2011	<0.001	
4/26/2011	<0.001	
10/27/2011	<0.001	
5/2/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/20/2015	<0.001	
11/13/2015	<0.001	
4/7/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
10/10/2016	<0.001	
12/2/2016	<0.001	
2/10/2017	<0.001	
4/7/2017	<0.001	
6/23/2017	<0.001	
10/10/2017	<0.001	
3/23/2018	<0.001	
10/4/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/11/2020	<0.001	
4/5/2021	<0.001	
8/12/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
2/28/2023		<0.001
8/3/2023		<0.001
3/4/2024		<0.001
8/8/2024		0.0013

Prediction Limit

Constituent: Arsenic, Total (mg/L) Analysis Run 9/11/2024 6:14 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47	GWA-47
12/20/2010	<0.001	
2/1/2011	<0.001	
3/23/2011	<0.001	
4/27/2011	<0.001	
10/26/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	<0.001	
11/5/2013	<0.001	
5/23/2014	<0.001	
11/7/2014	<0.001	
5/21/2015	<0.001	
11/12/2015	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
10/11/2016	<0.001	
12/5/2016	<0.001	
2/10/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/22/2018	<0.001	
10/5/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/20/2020	<0.001	
9/11/2020	<0.001	
4/5/2021	<0.001	
8/13/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
2/28/2023		<0.001
8/3/2023		<0.001
3/4/2024		<0.001
8/8/2024		0.0011

Prediction Limit

Constituent: Arsenic, Total (mg/L) Analysis Run 9/11/2024 6:14 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48	GWA-48
12/21/2010	<0.001	
2/14/2011	<0.001	
3/23/2011	<0.001	
4/27/2011	<0.001	
10/25/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	<0.001	
11/5/2013	<0.001	
5/23/2014	<0.001	
11/7/2014	<0.001	
5/21/2015	<0.001	
11/12/2015	<0.001	
4/7/2016	<0.001	
6/17/2016	<0.001	
8/10/2016	<0.001	
10/14/2016	<0.001	
12/19/2016	<0.001	
2/13/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/23/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/11/2020	<0.001	
4/5/2021	0.00031 (J)	
8/12/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
2/28/2023		<0.001
8/3/2023		<0.001
3/4/2024		<0.001
8/8/2024		0.00089 (J)

Prediction Limit

Constituent: Arsenic, Total (mg/L) Analysis Run 9/11/2024 6:14 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49	GWA-49
12/21/2010	<0.001	
2/14/2011	<0.001	
3/21/2011	<0.001	
4/26/2011	<0.001	
10/26/2011	<0.001	
5/2/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	<0.001	
11/5/2013	<0.001	
5/23/2014	<0.001	
11/7/2014	<0.001	
5/21/2015	<0.001	
11/12/2015	<0.001	
4/7/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	0.00053	
10/11/2016	<0.001	
12/2/2016	<0.001	
2/9/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/22/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/6/2021	<0.001	
8/12/2021	<0.001	
2/14/2022	<0.001	
8/30/2022	<0.001	
3/1/2023		<0.001
8/3/2023		<0.001
3/4/2024		<0.001
8/9/2024		0.0011

Prediction Limit

Constituent: Arsenic, Total (mg/L) Analysis Run 9/11/2024 6:14 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-29
12/22/2010	<0.001	
2/15/2011	<0.001	
3/22/2011	<0.001	
4/27/2011	<0.001	
10/26/2011	<0.001	
5/2/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/22/2015	<0.001	
11/13/2015	<0.001	
4/11/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
10/11/2016	<0.001	
12/5/2016	<0.001	
2/13/2017	<0.001	
4/10/2017	<0.001	
6/23/2017	<0.001	
10/10/2017	0.0013	
3/26/2018	<0.001	
10/4/2018	<0.001	
3/28/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/6/2021	<0.001	
8/13/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
3/1/2023		<0.001
8/3/2023		<0.001
3/4/2024		<0.001
8/8/2024		0.0011

Prediction Limit

Constituent: Arsenic, Total (mg/L) Analysis Run 9/11/2024 6:14 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-50	GWC-50
12/22/2010	<0.001	
2/15/2011	<0.001	
3/22/2011	<0.001	
4/27/2011	<0.001	
10/26/2011	<0.001	
5/2/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	<0.001	
11/13/2015	<0.001	
4/11/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
10/11/2016	<0.001	
12/2/2016	<0.001	
2/13/2017	<0.001	
4/7/2017	0.00052	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/23/2018	<0.001	
10/4/2018	<0.001	
3/28/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/6/2021	<0.001	
8/13/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
3/1/2023		<0.001
8/3/2023		<0.001
3/4/2024		<0.001
8/8/2024		0.0011

Prediction Limit

Constituent: Arsenic, Total (mg/L) Analysis Run 9/11/2024 6:14 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-52	GWC-52
12/21/2010	<0.001	
2/15/2011	<0.001	
3/21/2011	<0.001	
4/28/2011	<0.001	
10/26/2011	<0.001	
5/1/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/22/2015	<0.001	
11/13/2015	<0.001	
4/11/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/13/2016	<0.001	
12/5/2016	<0.001	
2/13/2017	<0.001	
4/11/2017	<0.001	
6/24/2017	<0.001	
10/11/2017	<0.001	
3/26/2018	<0.001	
10/4/2018	<0.001	
3/28/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/11/2020	<0.001	
4/5/2021	<0.001	
8/17/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
3/1/2023		0.00031 (J)
8/3/2023		<0.001
3/4/2024		<0.001
8/8/2024		0.001

Prediction Limit

Constituent: Arsenic, Total (mg/L) Analysis Run 9/11/2024 6:14 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-53	GWC-53
12/20/2010	<0.001	
2/14/2011	<0.001	
3/21/2011	<0.001	
4/27/2011	<0.001	
10/26/2011	<0.001	
5/1/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/20/2015	<0.001	
11/13/2015	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/13/2016	<0.001	
12/6/2016	<0.001	
2/13/2017	0.0011	
4/11/2017	<0.001	
6/24/2017	<0.001	
10/11/2017	<0.001	
3/26/2018	<0.001	
10/4/2018	<0.001	
3/28/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/11/2020	<0.001	
4/6/2021	<0.001	
8/13/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
2/28/2023		<0.001
8/3/2023		<0.001
3/4/2024		<0.001
8/8/2024		0.0011

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 9/11/2024 6:14 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21	GWA-21
12/22/2010	0.026 (J)	
2/14/2011	0.022 (J)	
3/22/2011	0.02 (J)	
4/26/2011	0.019 (J)	
10/27/2011	0.021	
5/1/2012	0.017	
11/8/2012	0.023	
5/7/2013	0.021	
11/4/2013	0.018	
5/24/2014	0.022	
11/8/2014	0.02	
5/21/2015	0.022	
11/13/2015	0.025	
4/6/2016	0.0239	
6/14/2016	0.021	
8/10/2016	0.019	
10/11/2016	0.02	
12/2/2016	0.022	
2/10/2017	0.03	
4/10/2017	0.025	
6/23/2017	0.026	
10/9/2017	0.025	
3/26/2018	0.026	
10/3/2018	0.00049 (O)	
3/27/2019	0.024	
9/12/2019	0.025	
3/19/2020	0.027	
9/10/2020	0.023	
4/2/2021	0.02	
8/12/2021	0.023	
2/14/2022	0.024	
8/26/2022	0.026	
2/28/2023		0.022
8/2/2023		0.018
2/29/2024		0.021
8/6/2024		0.019

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 9/11/2024 6:14 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-22	GWA-22
12/22/2010	0.028 (J)	
2/14/2011	0.025 (J)	
3/22/2011	0.029 (J)	
4/26/2011	0.031 (J)	
10/27/2011	0.027	
5/1/2012	0.022	
11/8/2012	0.024	
5/7/2013	0.027	
11/4/2013	0.024	
5/24/2014	0.025	
11/8/2014	0.023	
5/21/2015	0.023	
11/13/2015	0.023	
4/8/2016	0.0244	
6/14/2016	0.023	
8/9/2016	0.026	
10/11/2016	0.022	
12/5/2016	0.025	
2/10/2017	0.026	
4/7/2017	0.021	
6/26/2017	0.028	
10/9/2017	0.021	
3/26/2018	0.022 (D)	
10/3/2018	0.022	
3/27/2019	0.022	
9/12/2019	0.023	
3/19/2020	0.024	
9/10/2020	0.022	
4/2/2021	0.023	
8/12/2021	0.024	
2/15/2022	0.032	
8/26/2022	0.021	
2/28/2023		0.02
8/3/2023		0.018
3/4/2024		0.022
8/8/2024		0.023

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 9/11/2024 6:14 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-45	GWA-45
12/20/2010	0.024 (J)	
2/14/2011	0.023 (J)	
3/21/2011	0.021 (J)	
4/26/2011	0.019 (J)	
10/26/2011	0.023	
5/1/2012	0.014	
11/8/2012	0.034	
5/8/2013	0.016	
11/4/2013	0.014	
5/24/2014	0.027	
11/7/2014	0.03	
5/20/2015	0.029	
11/13/2015	0.041	
4/7/2016	0.0381	
6/14/2016	0.034	
8/9/2016	0.032	
10/10/2016	0.037	
12/2/2016	0.038	
2/9/2017	0.048	
4/7/2017	0.045	
6/22/2017	0.049	
10/10/2017	0.044	
3/22/2018	0.0495 (D)	
10/3/2018	0.042	
3/27/2019	0.057	
9/12/2019	0.1 (L)	
12/2/2019	0.11 (RL)	
3/19/2020	0.11 (L)	
9/11/2020	0.15 (L)	
4/2/2021	0.11 (L)	
8/12/2021	0.091	
2/14/2022	0.077	
8/31/2022	0.065	
2/28/2023		0.056
8/3/2023		0.055
3/4/2024		0.057
8/8/2024		0.048

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 9/11/2024 6:14 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-46	GWA-46
12/20/2010	0.019 (J)	
2/1/2011	0.017 (J)	
3/21/2011	0.019 (J)	
4/26/2011	0.02 (J)	
10/27/2011	0.018	
5/2/2012	0.017	
11/8/2012	0.048 (O)	
5/7/2013	0.02	
11/4/2013	0.019	
5/24/2014	0.019	
11/7/2014	0.019	
5/20/2015	0.018	
11/13/2015	0.02	
4/7/2016	0.0207	
6/14/2016	0.019	
8/9/2016	0.017	
10/10/2016	0.02	
12/2/2016	0.02	
2/10/2017	0.018	
4/7/2017	0.02	
6/23/2017	0.021	
10/10/2017	0.018	
3/23/2018	0.02	
10/4/2018	0.019	
3/27/2019	0.021	
9/12/2019	0.022	
3/19/2020	0.023	
9/11/2020	0.022	
4/5/2021	0.022	
8/12/2021	0.023	
2/14/2022	0.024	
8/31/2022	0.022	
2/28/2023		0.022
8/3/2023		0.021
3/4/2024		0.022
8/8/2024		0.024

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 9/11/2024 6:14 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47	GWA-47
12/20/2010	0.029 (J)	
2/1/2011	0.038 (J)	
3/23/2011	0.045 (J)	
4/27/2011	0.043 (J)	
10/26/2011	0.023	
5/1/2012	0.021	
11/8/2012	0.038	
5/7/2013	0.042	
11/5/2013	0.039	
5/23/2014	0.088 (O)	
11/7/2014	0.027	
5/21/2015	0.036	
11/12/2015	0.038	
4/8/2016	0.0261	
6/14/2016	0.023	
8/9/2016	0.026	
10/11/2016	0.03	
12/5/2016	0.026	
2/10/2017	0.023	
4/7/2017	0.024	
6/22/2017	0.025	
10/10/2017	0.022	
3/22/2018	0.024	
10/5/2018	0.026	
3/27/2019	0.026	
9/12/2019	0.028	
3/20/2020	0.029	
9/11/2020	0.026	
4/5/2021	0.028	
8/13/2021	0.026	
2/14/2022	0.029	
8/31/2022	0.031	
2/28/2023		0.027
8/3/2023		0.027
3/4/2024		0.032
8/8/2024		0.038

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 9/11/2024 6:14 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48	GWA-48
12/21/2010	0.055 (O)	
2/14/2011	0.05 (O)	
3/23/2011	0.031 (J)	
4/27/2011	0.015 (J)	
10/25/2011	0.02	
5/1/2012	0.017	
11/8/2012	0.012	
5/7/2013	0.022	
11/5/2013	0.012	
5/23/2014	0.02	
11/7/2014	0.012	
5/21/2015	0.011	
11/12/2015	0.012	
4/7/2016	0.0116	
6/17/2016	0.012	
8/10/2016	0.012	
10/14/2016	0.016	
12/19/2016	0.012	
2/13/2017	0.017	
4/7/2017	0.011	
6/22/2017	0.014	
10/10/2017	0.012	
3/23/2018	0.012	
10/3/2018	0.012	
3/27/2019	0.013	
9/12/2019	0.016	
3/19/2020	0.02	
9/11/2020	0.013	
4/5/2021	0.015	
8/12/2021	0.013	
2/14/2022	0.014	
8/31/2022	0.016	
2/28/2023		0.014
8/3/2023		0.013
3/4/2024		0.015
8/8/2024		0.015

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 9/11/2024 6:14 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49	GWA-49
12/21/2010	0.021 (J)	
2/14/2011	0.021 (J)	
3/21/2011	0.021 (J)	
4/26/2011	0.021 (J)	
10/26/2011	0.019	
5/2/2012	0.018	
11/8/2012	0.018	
5/8/2013	0.017	
11/5/2013	0.019	
5/23/2014	0.021	
11/7/2014	0.019	
5/21/2015	0.02	
11/12/2015	0.019	
4/7/2016	0.0201	
6/14/2016	0.017	
8/9/2016	0.017	
10/11/2016	0.02	
12/2/2016	0.02	
2/9/2017	0.018	
4/7/2017	0.018	
6/22/2017	0.02	
10/10/2017	0.02	
3/22/2018	0.018	
10/3/2018	0.018	
3/27/2019	0.019	
9/12/2019	0.022	
3/19/2020	0.02	
9/10/2020	0.02	
4/6/2021	0.02	
8/12/2021	0.024	
2/14/2022	0.022	
8/30/2022	0.021	
3/1/2023		0.019
8/3/2023		0.02
3/4/2024		0.019
8/9/2024		0.021

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 9/11/2024 6:14 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-29
12/22/2010	0.016 (J)	
2/15/2011	0.016 (J)	
3/22/2011	0.014 (J)	
4/27/2011	0.016 (J)	
10/26/2011	0.015	
5/2/2012	0.012	
11/8/2012	0.015	
5/8/2013	0.014	
11/4/2013	0.016	
5/24/2014	0.015	
11/7/2014	0.016	
5/22/2015	0.015	
11/13/2015	0.016	
4/11/2016	0.0167	
6/15/2016	0.015	
8/10/2016	0.015	
10/11/2016	0.017	
12/5/2016	0.017	
2/13/2017	0.016	
4/10/2017	0.015	
6/23/2017	0.017	
10/10/2017	0.016	
3/26/2018	0.015	
10/4/2018	0.018	
3/28/2019	0.017	
9/12/2019	0.019	
3/19/2020	0.019	
9/10/2020	0.02	
4/6/2021	0.018	
8/13/2021	0.021	
2/14/2022	0.02	
8/31/2022	0.025	
3/1/2023		0.02
8/3/2023		0.019
3/4/2024		0.025
8/8/2024		0.02

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 9/11/2024 6:14 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-50	GWC-50
12/22/2010	0.011 (J)	
2/15/2011	0.013 (J)	
3/22/2011	0.01 (J)	
4/27/2011	0.011 (J)	
10/26/2011	0.013	
5/2/2012	0.0084 (J)	
11/8/2012	0.012	
5/8/2013	0.013	
11/4/2013	0.012	
5/24/2014	0.012	
11/8/2014	0.01	
5/22/2015	0.011	
11/13/2015	0.011	
4/11/2016	0.0132	
6/15/2016	0.011	
8/10/2016	0.012	
10/11/2016	0.012	
12/2/2016	0.012	
2/13/2017	0.013	
4/7/2017	0.01	
6/22/2017	0.012	
10/10/2017	0.011	
3/23/2018	0.011	
10/4/2018	0.012	
3/28/2019	0.012	
9/12/2019	0.013	
3/19/2020	0.013	
9/10/2020	0.013	
4/6/2021	0.013	
8/13/2021	0.029	
2/14/2022	0.018	
8/31/2022	0.015	
3/1/2023		0.038
8/3/2023		0.013
3/4/2024		0.014
8/8/2024		0.014

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 9/11/2024 6:14 PM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-51	GWC-51
12/22/2010	0.011 (J)	
2/15/2011	0.013 (J)	
3/22/2011	0.01 (J)	
4/27/2011	0.011 (J)	
10/26/2011	0.0099 (J)	
5/2/2012	0.0085 (J)	
11/8/2012	<0.01	
5/8/2013	0.0094 (J)	
11/4/2013	0.0094 (J)	
5/24/2014	0.0094 (J)	
11/7/2014	0.0094 (J)	
5/22/2015	0.0092 (J)	
11/13/2015	0.0095 (J)	
4/11/2016	0.0105	
6/16/2016	0.0089 (J)	
8/10/2016	0.0082	
10/13/2016	0.0088	
12/5/2016	0.01	
2/13/2017	0.0097	
4/10/2017	0.0082	
6/23/2017	0.01	
10/11/2017	0.0092	
3/26/2018	0.0094	
10/4/2018	0.0093	
3/27/2019	0.011	
9/12/2019	0.011	
3/19/2020	0.011	
9/11/2020	0.01	
4/5/2021	0.01	
8/13/2021	0.019	
2/15/2022	0.011	
8/31/2022	0.011	
2/28/2023		0.01
8/3/2023		0.011
3/4/2024		0.011
8/8/2024		0.012

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 9/11/2024 6:14 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-52	GWC-52
12/21/2010	0.01 (J)	
2/15/2011	0.0086 (J)	
3/21/2011	0.009 (J)	
4/28/2011	0.012 (J)	
10/26/2011	0.0093 (J)	
5/1/2012	0.0048 (J)	
11/9/2012	0.0091 (J)	
5/8/2013	0.0096 (J)	
11/4/2013	0.012	
5/24/2014	0.011	
11/7/2014	0.011	
5/22/2015	0.011	
11/13/2015	0.011	
4/11/2016	0.012	
6/16/2016	0.011	
8/11/2016	0.012	
10/13/2016	0.012	
12/5/2016	0.013	
2/13/2017	0.012	
4/11/2017	0.012	
6/24/2017	0.013	
10/11/2017	0.012	
3/26/2018	0.013	
10/4/2018	0.013	
3/28/2019	0.014	
9/12/2019	0.017	
3/19/2020	0.018	
9/11/2020	0.017	
4/5/2021	0.019	
8/17/2021	0.02	
2/14/2022	0.021	
8/31/2022	0.022	
3/1/2023		0.023
8/3/2023		0.021
3/4/2024		0.025
8/8/2024		0.029

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 9/11/2024 6:14 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-53	GWC-53
12/20/2010	0.11	
2/14/2011	<0.1	
3/21/2011	<0.1	
4/27/2011	0.091 (J)	
10/26/2011	0.1	
5/1/2012	0.095	
11/9/2012	0.093	
5/8/2013	0.077	
11/4/2013	0.083	
5/24/2014	0.07	
11/7/2014	0.065	
5/20/2015	0.058	
11/13/2015	0.058	
4/8/2016	0.0619	
6/16/2016	0.052	
8/11/2016	0.044	
10/13/2016	0.049	
12/6/2016	0.047	
2/13/2017	0.05	
4/11/2017	0.053	
6/24/2017	0.054	
10/11/2017	0.05	
3/26/2018	0.05	
10/4/2018	0.042	
3/28/2019	0.045	
9/12/2019	0.043	
3/19/2020	0.047	
9/11/2020	0.044	
4/6/2021	0.041	
8/13/2021	0.038	
2/14/2022	0.042	
8/31/2022	0.036	
2/28/2023		0.039
8/3/2023		0.033
3/4/2024		0.036
8/8/2024		0.036

Prediction Limit

Constituent: Beryllium, Total (mg/L) Analysis Run 9/11/2024 6:14 PM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-22	GWA-22
12/22/2010	<0.0025	
2/14/2011	<0.0025	
3/22/2011	<0.0025	
4/26/2011	<0.0025	
10/27/2011	<0.0025	
5/1/2012	<0.0025	
11/8/2012	<0.0025	
5/7/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/8/2014	<0.0025	
5/21/2015	<0.0025	
11/13/2015	<0.0025	
4/8/2016	<0.0025	
6/14/2016	<0.0025	
8/9/2016	<0.0025	
10/11/2016	<0.0025	
12/5/2016	<0.0025	
2/10/2017	<0.0025	
4/7/2017	<0.0025	
6/26/2017	<0.0025	
10/9/2017	<0.0025	
3/26/2018	<0.0025 (D)	
10/3/2018	<0.0025	
3/27/2019	<0.0025	
9/12/2019	<0.0025	
3/19/2020	<0.0025	
9/10/2020	<0.0025	
4/2/2021	0.00019 (J)	
8/12/2021	<0.0025	
2/15/2022	<0.0025	
8/26/2022	<0.0025	
2/28/2023		<0.0025
8/3/2023		<0.0025
3/4/2024		<0.0025
8/8/2024		<0.0025

Prediction Limit

Constituent: Beryllium, Total (mg/L) Analysis Run 9/11/2024 6:14 PM View: Appendix I - Inrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-51	GWC-51
12/22/2010	<0.0025	
2/15/2011	<0.0025	
3/22/2011	<0.0025	
4/27/2011	<0.0025	
10/26/2011	<0.0025	
5/2/2012	<0.0025	
11/8/2012	<0.0025	
5/8/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/7/2014	<0.0025	
5/22/2015	<0.0025	
11/13/2015	<0.0025	
4/11/2016	<0.0025	
6/16/2016	2E-05 (J)	
8/10/2016	<0.0025	
10/13/2016	<0.0025	
12/5/2016	<0.0025	
2/13/2017	<0.0025	
4/10/2017	<0.0025	
6/23/2017	<0.0025	
10/11/2017	<0.0025	
3/26/2018	<0.0025	
10/4/2018	<0.0025	
3/27/2019	<0.0025	
9/12/2019	<0.0025	
3/19/2020	<0.0025	
9/11/2020	<0.0025	
4/5/2021	<0.0025	
8/13/2021	<0.0025	
2/15/2022	<0.0025	
8/31/2022	<0.0025	
2/28/2023		<0.0025
8/3/2023		<0.0025
3/4/2024		<0.0025
8/8/2024		<0.0025

Prediction Limit

Constituent: Cadmium, Total (mg/L) Analysis Run 9/11/2024 6:14 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47	GWA-47
12/20/2010	<0.0025	
2/1/2011	<0.0025	
3/23/2011	<0.0025	
4/27/2011	<0.0025	
10/26/2011	<0.0025	
5/1/2012	<0.0025	
11/8/2012	<0.0025	
5/7/2013	<0.0025	
11/5/2013	<0.0025	
5/23/2014	<0.0025	
11/7/2014	<0.0025	
5/21/2015	<0.0025	
11/12/2015	<0.0025	
4/8/2016	<0.0025	
6/14/2016	<0.0025	
8/9/2016	<0.0025	
10/11/2016	<0.0025	
12/5/2016	<0.0025	
2/10/2017	<0.0025	
4/7/2017	0.0016	
6/22/2017	<0.0025	
10/10/2017	<0.0025	
3/22/2018	<0.0025	
10/5/2018	<0.0025	
3/27/2019	<0.0025	
9/12/2019	<0.0025	
3/20/2020	<0.0025	
9/11/2020	<0.0025	
4/5/2021	<0.0025	
8/13/2021	<0.0025	
2/14/2022	<0.0025	
8/31/2022	<0.0025	
2/28/2023		<0.0025
8/3/2023		<0.0025
3/4/2024		<0.0025
8/8/2024		<0.0025

Prediction Limit

Constituent: Cadmium, Total (mg/L) Analysis Run 9/11/2024 6:14 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-50	GWC-50
12/22/2010	<0.0025	
2/15/2011	<0.0025	
3/22/2011	<0.0025	
4/27/2011	<0.0025	
10/26/2011	<0.0025	
5/2/2012	<0.0025	
11/8/2012	<0.0025	
5/8/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/8/2014	<0.0025	
5/22/2015	<0.0025	
11/13/2015	<0.0025	
4/11/2016	<0.0025	
6/15/2016	7.4E-05 (J)	
8/10/2016	<0.0025	
10/11/2016	<0.0025	
12/2/2016	<0.0025	
2/13/2017	<0.0025	
4/7/2017	<0.0025	
6/22/2017	<0.0025	
10/10/2017	<0.0025	
3/23/2018	<0.0025	
10/4/2018	<0.0025	
3/28/2019	<0.0025	
9/12/2019	<0.0025	
3/19/2020	<0.0025	
9/10/2020	<0.0025	
4/6/2021	<0.0025	
8/13/2021	<0.0025	
2/14/2022	<0.0025	
8/31/2022	<0.0025	
3/1/2023		<0.0025
8/3/2023		<0.0025
3/4/2024		<0.0025
8/8/2024		<0.0025

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 9/11/2024 6:14 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21	GWA-21
12/22/2010	0.0052	
2/14/2011	0.0057	
3/22/2011	0.0055	
4/26/2011	0.0069	
10/27/2011	0.011	
5/1/2012	0.0056	
11/8/2012	<0.01	
5/7/2013	0.0036 (J)	
11/4/2013	0.0032 (J)	
5/24/2014	0.0043 (J)	
11/8/2014	<0.01	
5/21/2015	0.002 (J)	
11/13/2015	<0.01	
4/6/2016	0.00278 (J)	
6/14/2016	<0.01	
8/10/2016	0.0019 (J)	
10/11/2016	0.0024 (J)	
12/2/2016	0.0023 (J)	
2/10/2017	0.0021 (J)	
4/10/2017	0.002 (J)	
6/23/2017	0.0018 (J)	
10/9/2017	0.0016 (J)	
3/26/2018	0.0011 (J)	
10/3/2018	0.0014 (J)	
3/27/2019	0.003	
9/12/2019	0.0047	
3/19/2020	0.0026	
9/10/2020	0.0019 (J)	
4/2/2021	0.0029	
8/12/2021	0.0016 (J)	
2/14/2022	0.0026	
8/26/2022	0.0016 (J)	
2/28/2023		0.0024
8/2/2023		0.0028
2/29/2024		0.0021
8/6/2024		0.0021

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 9/11/2024 6:14 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-22	GWA-22
12/22/2010	0.0029 (J)	
2/14/2011	0.0027 (J)	
3/22/2011	0.0049 (J)	
4/26/2011	0.0048 (J)	
10/27/2011	0.0023 (J)	
5/1/2012	0.0051	
11/8/2012	0.0034 (J)	
5/7/2013	0.0078	
11/4/2013	0.0055 (J)	
5/24/2014	0.0075 (J)	
11/8/2014	0.0048 (J)	
5/21/2015	0.0082 (J)	
11/13/2015	0.0079 (J)	
4/8/2016	<0.01	
6/14/2016	<0.01	
8/9/2016	0.0079	
10/11/2016	0.0069	
12/5/2016	0.0077	
2/10/2017	0.0098	
4/7/2017	0.0081	
6/26/2017	0.0084	
10/9/2017	0.0082	
3/26/2018	0.0088	
10/3/2018	0.0086	
3/27/2019	0.0078	
9/12/2019	0.0092	
3/19/2020	0.011	
9/10/2020	0.0077	
4/2/2021	0.01	
8/12/2021	0.008	
2/15/2022	0.013	
8/26/2022	0.0078	
2/28/2023		0.01
8/3/2023		0.0089
3/4/2024		0.011
8/8/2024		0.013

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 9/11/2024 6:14 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-45	GWA-45
12/20/2010	<0.002	
2/14/2011	<0.002	
3/21/2011	<0.002	
4/26/2011	<0.002	
10/26/2011	<0.002	
5/1/2012	<0.002	
11/8/2012	<0.002	
5/8/2013	<0.002	
11/4/2013	<0.002	
5/24/2014	<0.002	
11/7/2014	<0.002	
5/20/2015	0.0025 (O)	
11/13/2015	0.0042 (O)	
4/7/2016	<0.002	
6/14/2016	<0.002	
8/9/2016	<0.002	
10/10/2016	<0.002	
12/2/2016	<0.002	
2/9/2017	<0.002	
4/7/2017	<0.002	
6/22/2017	<0.002	
10/10/2017	<0.002	
3/22/2018	<0.002 (D)	
10/3/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	<0.002	
9/11/2020	<0.002	
4/2/2021	<0.002	
8/12/2021	<0.002	
2/14/2022	<0.002	
8/31/2022	<0.002	
2/28/2023		<0.002
8/3/2023		0.0012 (J)
3/4/2024		0.0016 (J)
8/8/2024		<0.002

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 9/11/2024 6:14 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-46	GWA-46
12/20/2010	0.0036 (J)	
2/1/2011	0.0037 (J)	
3/21/2011	0.004 (J)	
4/26/2011	0.0037 (J)	
10/27/2011	0.0047 (J)	
5/2/2012	0.005 (J)	
11/8/2012	0.0081	
5/7/2013	0.0035 (J)	
11/4/2013	0.0056 (J)	
5/24/2014	0.005 (J)	
11/7/2014	0.004 (J)	
5/20/2015	0.0062 (J)	
11/13/2015	0.0067 (J)	
4/7/2016	0.00467 (J)	
6/14/2016	<0.01	
8/9/2016	0.0041	
10/10/2016	0.0041	
12/2/2016	0.0039	
2/10/2017	0.0044	
4/7/2017	0.0046	
6/23/2017	0.005	
10/10/2017	0.0088	
3/23/2018	0.0045	
10/4/2018	0.0047	
3/27/2019	0.0048	
9/12/2019	0.0051	
3/19/2020	0.0043	
9/11/2020	0.0042	
4/5/2021	0.0041	
8/12/2021	0.0045	
2/14/2022	0.0047	
8/31/2022	0.0048	
2/28/2023		0.0047
8/3/2023		0.0053
3/4/2024		0.0048
8/8/2024		0.006

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 9/11/2024 6:14 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47	GWA-47
12/20/2010	0.0064	
2/1/2011	0.015	
3/23/2011	0.0084	
4/27/2011	0.011	
10/26/2011	0.0061	
5/1/2012	0.0072	
11/8/2012	0.015	
5/7/2013	0.044	
11/5/2013	0.023	
5/23/2014	0.022	
11/7/2014	0.013	
5/21/2015	0.029	
11/12/2015	0.045	
4/8/2016	<0.01	
6/14/2016	<0.01	
8/9/2016	0.008	
10/11/2016	0.0079	
12/5/2016	0.0057	
2/10/2017	0.0062	
4/7/2017	0.0072	
6/22/2017	0.0074	
10/10/2017	0.0072	
3/22/2018	0.0074	
10/5/2018	0.0083	
3/27/2019	0.0081	
9/12/2019	0.0088	
3/20/2020	0.0085	
9/11/2020	0.0081	
4/5/2021	0.0084	
8/13/2021	0.0082	
2/14/2022	0.0086	
8/31/2022	0.0084	
2/28/2023		0.0084
8/3/2023		0.0092
3/4/2024		0.01
8/8/2024		0.012

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 9/11/2024 6:14 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48	GWA-48
12/21/2010	0.0094	
2/14/2011	0.028	
3/23/2011	0.0042 (J)	
4/27/2011	<0.01	
10/25/2011	0.0062	
5/1/2012	0.011	
11/8/2012	0.0089	
5/7/2013	0.019	
11/5/2013	0.0057 (J)	
5/23/2014	0.0084 (J)	
11/7/2014	0.011	
5/21/2015	0.013	
11/12/2015	0.015	
4/7/2016	0.00498 (J)	
6/17/2016	<0.01	
8/10/2016	0.0047	
10/14/2016	0.0056	
12/19/2016	0.0039	
2/13/2017	0.0059	
4/7/2017	0.0051	
6/22/2017	0.005	
10/10/2017	0.005	
3/23/2018	0.005	
10/3/2018	0.0051	
3/27/2019	0.0051	
9/12/2019	0.0085	
3/19/2020	0.0063	
9/11/2020	0.0053	
4/5/2021	0.0061	
8/12/2021	0.0058	
2/14/2022	0.0058	
8/31/2022	0.0059	
2/28/2023		0.0058
8/3/2023		0.0056
3/4/2024		0.0063
8/8/2024		0.0061

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 9/11/2024 6:14 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49	GWA-49
12/21/2010	0.0073	
2/14/2011	0.0051	
3/21/2011	0.0067	
4/26/2011	0.0065	
10/26/2011	0.0068	
5/2/2012	0.011	
11/8/2012	0.0052	
5/8/2013	0.0059	
11/5/2013	0.0044 (J)	
5/23/2014	0.0087 (J)	
11/7/2014	0.0048 (J)	
5/21/2015	0.006 (J)	
11/12/2015	0.007 (J)	
4/7/2016	0.0056 (J)	
6/14/2016	<0.01	
8/9/2016	0.0053	
10/11/2016	0.0058	
12/2/2016	0.0071	
2/9/2017	0.0051	
4/7/2017	0.006	
6/22/2017	0.0056	
10/10/2017	0.0073	
3/22/2018	0.0051	
10/3/2018	0.0052	
3/27/2019	0.0056	
9/12/2019	0.0075	
3/19/2020	0.0055	
9/10/2020	0.0063	
4/6/2021	0.0055	
8/12/2021	0.0096	
2/14/2022	0.0076	
8/30/2022	0.0064	
3/1/2023		0.0057
8/3/2023		0.0065
3/4/2024		0.006
8/9/2024		0.0059

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 9/11/2024 6:14 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-29
12/22/2010	0.0026 (J)	
2/15/2011	<0.002	
3/22/2011	<0.002	
4/27/2011	<0.002	
10/26/2011	<0.002	
5/2/2012	<0.002	
11/8/2012	<0.002	
5/8/2013	<0.002	
11/4/2013	0.0027 (J)	
5/24/2014	0.0027 (J)	
11/7/2014	<0.002	
5/22/2015	0.0034 (J)	
11/13/2015	0.0038 (J)	
4/11/2016	<0.002	
6/15/2016	<0.002	
8/10/2016	0.0014 (J)	
10/11/2016	0.0017 (J)	
12/5/2016	0.0014 (J)	
2/13/2017	0.0016 (J)	
4/10/2017	0.0014 (J)	
6/23/2017	0.0014 (J)	
10/10/2017	0.0039	
3/26/2018	0.0013 (J)	
10/4/2018	0.0014 (J)	
3/28/2019	0.0012 (J)	
9/12/2019	0.0021 (J)	
3/19/2020	<0.002	
9/10/2020	<0.002	
4/6/2021	<0.002	
8/13/2021	<0.002	
2/14/2022	<0.002	
8/31/2022	<0.002	
3/1/2023		<0.002
8/3/2023		<0.002
3/4/2024		0.0012 (J)
8/8/2024		0.0012 (J)

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 9/11/2024 6:14 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-50	GWC-50
12/22/2010	0.0034 (J)	
2/15/2011	0.0034 (J)	
3/22/2011	0.0037 (J)	
4/27/2011	0.0038 (J)	
10/26/2011	0.0039 (J)	
5/2/2012	0.0044 (J)	
11/8/2012	0.0026 (J)	
5/8/2013	0.0038 (J)	
11/4/2013	0.0063 (J)	
5/24/2014	0.0061 (J)	
11/8/2014	<0.002	
5/22/2015	0.0037 (J)	
11/13/2015	0.0055 (J)	
4/11/2016	0.00479 (J)	
6/15/2016	<0.002	
8/10/2016	0.0047	
10/11/2016	0.0048	
12/2/2016	0.0043	
2/13/2017	0.0047	
4/7/2017	0.0044	
6/22/2017	0.0045	
10/10/2017	0.005	
3/23/2018	0.0042	
10/4/2018	0.005	
3/28/2019	0.0043	
9/12/2019	0.006	
3/19/2020	0.0047	
9/10/2020	0.0047	
4/6/2021	0.0044	
8/13/2021	0.0089	
2/14/2022	0.0046	
8/31/2022	0.004	
3/1/2023		<0.002
8/3/2023		0.0042
3/4/2024		0.0042
8/8/2024		0.0037

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 9/11/2024 6:14 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-51	GWC-51
12/22/2010	0.0036 (J)	
2/15/2011	0.0038 (J)	
3/22/2011	0.0022 (J)	
4/27/2011	0.0042 (J)	
10/26/2011	0.0042 (J)	
5/2/2012	0.0037 (J)	
11/8/2012	<0.01	
5/8/2013	0.0032 (J)	
11/4/2013	0.0063 (J)	
5/24/2014	0.003 (J)	
11/7/2014	<0.01	
5/22/2015	0.0023 (J)	
11/13/2015	0.0042 (J)	
4/11/2016	0.00309 (J)	
6/16/2016	<0.01	
8/10/2016	0.0023 (J)	
10/13/2016	0.0028	
12/5/2016	0.0032	
2/13/2017	0.0021 (J)	
4/10/2017	0.0022 (J)	
6/23/2017	0.0025	
10/11/2017	0.0027	
3/26/2018	0.0028	
10/4/2018	0.0041	
3/27/2019	0.0044	
9/12/2019	0.0043	
3/19/2020	0.0032	
9/11/2020	0.0041	
4/5/2021	0.0054	
8/13/2021	0.0087	
2/15/2022	0.0054	
8/31/2022	0.0047	
2/28/2023		0.0047
8/3/2023		0.0063
3/4/2024		0.0064
8/8/2024		0.0064

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 9/11/2024 6:14 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-52	GWC-52
12/21/2010	0.01	
2/15/2011	0.0087	
3/21/2011	0.0083	
4/28/2011	0.0076	
10/26/2011	0.0078	
5/1/2012	0.0049 (J)	
11/9/2012	0.0066	
5/8/2013	0.0082	
11/4/2013	0.013	
5/24/2014	0.012	
11/7/2014	0.0084 (J)	
5/22/2015	0.0096 (J)	
11/13/2015	0.011	
4/11/2016	0.0101	
6/16/2016	<0.01	
8/11/2016	0.0097	
10/13/2016	0.012	
12/5/2016	0.012	
2/13/2017	0.011	
4/11/2017	0.011	
6/24/2017	0.0095	
10/11/2017	0.0096	
3/26/2018	0.012	
10/4/2018	0.016	
3/28/2019		0.019
9/12/2019		0.027
3/19/2020		0.029
9/11/2020		0.028
4/5/2021		0.031
8/17/2021		0.034
2/14/2022		0.036
8/31/2022		0.038
3/1/2023		0.038
8/3/2023		0.035
3/4/2024		0.033
8/8/2024		0.033

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 9/11/2024 6:14 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-53	GWC-53
12/20/2010	<0.002	
2/14/2011	<0.002	
3/21/2011	<0.002	
4/27/2011	<0.002	
10/26/2011	0.0033 (J)	
5/1/2012	0.0025 (J)	
11/9/2012	<0.002	
5/8/2013	<0.002	
11/4/2013	0.0035 (J)	
5/24/2014	0.0027 (J)	
11/7/2014	<0.002	
5/20/2015	0.0021 (J)	
11/13/2015	0.0041 (J)	
4/8/2016	<0.002	
6/16/2016	<0.002	
8/11/2016	0.0013 (J)	
10/13/2016	0.0018 (J)	
12/6/2016	0.0014 (J)	
2/13/2017	0.0021 (J)	
4/11/2017	0.0012 (J)	
6/24/2017	0.0017 (J)	
10/11/2017	0.0013 (J)	
3/26/2018	0.0014 (J)	
10/4/2018	<0.002	
3/28/2019	<0.002	
9/12/2019	0.002 (J)	
3/19/2020	<0.002	
9/11/2020	0.0023	
4/6/2021	<0.002	
8/13/2021	0.0019 (J)	
2/14/2022	0.0018 (J)	
8/31/2022	0.002	
2/28/2023		0.003
8/3/2023		<0.002
3/4/2024		0.0013 (J)
8/8/2024		<0.002

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 9/11/2024 6:14 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21	GWA-21
12/22/2010	<0.0025	
2/14/2011	<0.0025	
3/22/2011	<0.0025	
4/26/2011	<0.0025	
10/27/2011	<0.0025	
5/1/2012	<0.0025	
11/8/2012	<0.0025	
5/7/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/8/2014	<0.0025	
5/21/2015	<0.0025	
11/13/2015	<0.0025	
4/6/2016	<0.0025	
6/14/2016	6.6E-05 (J)	
8/10/2016	<0.0025	
10/11/2016	0.00047 (J)	
12/2/2016	0.0014 (J)	
2/10/2017	0.00052 (J)	
4/10/2017	<0.0025	
6/23/2017	<0.0025	
10/9/2017	0.00053 (J)	
3/26/2018	0.00088 (J)	
10/3/2018	0.0014 (J)	
3/27/2019	<0.0025	
9/12/2019	0.0004 (J)	
3/19/2020	0.00015 (J)	
9/10/2020	0.00019 (J)	
4/2/2021	0.00016 (J)	
8/12/2021	0.00028 (J)	
2/14/2022	<0.0025	
8/26/2022	<0.0025	
2/28/2023		<0.0025
8/2/2023		<0.0025
2/29/2024		<0.0025
8/6/2024		0.00056 (J)

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 9/11/2024 6:14 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-22	GWA-22
12/22/2010	0.0038 (O)	
2/14/2011	<0.0025	
3/22/2011	<0.0025	
4/26/2011	<0.0025	
10/27/2011	<0.0025	
5/1/2012	<0.0025	
11/8/2012	<0.0025	
5/7/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/8/2014	<0.0025	
5/21/2015	<0.0025	
11/13/2015	<0.0025	
4/8/2016	<0.0025	
6/14/2016	0.00042 (J)	
8/9/2016	0.00068 (J)	
10/11/2016	<0.0025	
12/5/2016	0.0012 (J)	
2/10/2017	0.0013 (J)	
4/7/2017	<0.0025	
6/26/2017	0.00073 (J)	
10/9/2017	<0.0025	
3/26/2018	<0.0025 (D)	
10/3/2018	<0.0025	
3/27/2019	<0.0025	
9/12/2019	<0.0025	
3/19/2020	<0.0025	
9/10/2020	0.00014 (J)	
4/2/2021	0.00026 (J)	
8/12/2021	0.00015 (J)	
2/15/2022	0.00054 (J)	
8/26/2022	<0.0025	
2/28/2023		<0.0025
8/3/2023		<0.0025
3/4/2024		<0.0025
8/8/2024		<0.0025

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 9/11/2024 6:14 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-45	GWA-45
12/20/2010	0.012	
2/14/2011	0.0093 (J)	
3/21/2011	0.0076 (J)	
4/26/2011	0.0058 (J)	
10/26/2011	0.005 (J)	
5/1/2012	0.0032 (J)	
11/8/2012	0.0034 (J)	
5/8/2013	<0.01	
11/4/2013	<0.01	
5/24/2014	<0.01	
11/7/2014	<0.01	
5/20/2015	<0.01	
11/13/2015	<0.01	
4/7/2016	<0.01	
6/14/2016	0.0031 (J)	
8/9/2016	0.0023 (J)	
10/10/2016	0.0024 (J)	
12/2/2016	0.0021 (J)	
2/9/2017	0.00096 (J)	
4/7/2017	0.0034	
6/22/2017	0.0029	
10/10/2017	0.0025	
3/22/2018	0.0015 (JD)	
10/3/2018	0.0018 (J)	
3/27/2019	0.00083 (J)	
9/12/2019	0.0018 (J)	
3/19/2020	0.0005 (J)	
9/11/2020	0.0035	
4/2/2021	0.002 (J)	
8/12/2021	0.0024 (J)	
2/14/2022	0.00059 (J)	
8/31/2022	0.0012 (J)	
2/28/2023		0.00097 (J)
8/3/2023		0.0011 (J)
3/4/2024		0.0004 (J)
8/8/2024		0.0012 (J)

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 9/11/2024 6:14 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-46	GWA-46
12/20/2010	<0.0025	
2/1/2011	<0.0025	
3/21/2011	<0.0025	
4/26/2011	<0.0025	
10/27/2011	<0.0025	
5/2/2012	<0.0025	
11/8/2012	<0.0025	
5/7/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/7/2014	<0.0025	
5/20/2015	<0.0025	
11/13/2015	<0.0025	
4/7/2016	<0.0025	
6/14/2016	3.8E-05 (J)	
8/9/2016	<0.0025	
10/10/2016	<0.0025	
12/2/2016	<0.0025	
2/10/2017	<0.0025	
4/7/2017	<0.0025	
6/23/2017	<0.0025	
10/10/2017	<0.0025	
3/23/2018	<0.0025	
10/4/2018	<0.0025	
3/27/2019	<0.0025	
9/12/2019	9.5E-05 (J)	
3/19/2020	0.00025 (J)	
9/11/2020	<0.0025	
4/5/2021	<0.0025	
8/12/2021	<0.0025	
2/14/2022	<0.0025	
8/31/2022	<0.0025	
2/28/2023		<0.0025
8/3/2023		<0.0025
3/4/2024		<0.0025
8/8/2024		<0.0025

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 9/11/2024 6:14 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47	GWA-47
12/20/2010	0.0033 (O)	
2/1/2011	<0.0025	
3/23/2011	<0.0025	
4/27/2011	<0.0025	
10/26/2011	<0.0025	
5/1/2012	<0.0025	
11/8/2012	<0.0025	
5/7/2013	<0.0025	
11/5/2013	<0.0025	
5/23/2014	0.0048 (O)	
11/7/2014	<0.0025	
5/21/2015	<0.0025	
11/12/2015	<0.0025	
4/8/2016	<0.0025	
6/14/2016	4.2E-05 (J)	
8/9/2016	<0.0025	
10/11/2016	0.00052 (J)	
12/5/2016	<0.0025	
2/10/2017	<0.0025	
4/7/2017	<0.0025	
6/22/2017	<0.0025	
10/10/2017	<0.0025	
3/22/2018	<0.0025	
10/5/2018	<0.0025	
3/27/2019	<0.0025	
9/12/2019	0.00011 (J)	
3/20/2020	<0.0025	
9/11/2020	<0.0025	
4/5/2021	0.00017 (J)	
8/13/2021	<0.0025	
2/14/2022	<0.0025	
8/31/2022	<0.0025	
2/28/2023		<0.0025
8/3/2023		<0.0025
3/4/2024		<0.0025
8/8/2024		<0.0025

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 9/11/2024 6:14 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48	GWA-48
12/21/2010	<0.0025	
2/14/2011	<0.0025	
3/23/2011	<0.0025	
4/27/2011	<0.0025	
10/25/2011	<0.0025	
5/1/2012	0.0039 (O)	
11/8/2012	<0.0025	
5/7/2013	<0.0025	
11/5/2013	<0.0025	
5/23/2014	<0.0025	
11/7/2014	<0.0025	
5/21/2015	<0.0025	
11/12/2015	<0.0025	
4/7/2016	<0.0025	
6/17/2016	0.00017 (J)	
8/10/2016	<0.0025	
10/14/2016	<0.0025	
12/19/2016	<0.0025	
2/13/2017	<0.0025	
4/7/2017	<0.0025	
6/22/2017	<0.0025	
10/10/2017	<0.0025	
3/23/2018	<0.0025	
10/3/2018	<0.0025	
3/27/2019	<0.0025	
9/12/2019	<0.0025	
3/19/2020	0.00029 (J)	
9/11/2020	<0.0025	
4/5/2021	0.00019 (J)	
8/12/2021	<0.0025	
2/14/2022	<0.0025	
8/31/2022	<0.0025	
2/28/2023		<0.0025
8/3/2023		<0.0025
3/4/2024		<0.0025
8/8/2024		<0.0025

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 9/11/2024 6:14 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49	GWA-49
12/21/2010	<0.0025	
2/14/2011	<0.0025	
3/21/2011	<0.0025	
4/26/2011	<0.0025	
10/26/2011	<0.0025	
5/2/2012	<0.0025	
11/8/2012	<0.0025	
5/8/2013	<0.0025	
11/5/2013	<0.0025	
5/23/2014	<0.0025	
11/7/2014	<0.0025	
5/21/2015	<0.0025	
11/12/2015	<0.0025	
4/7/2016	<0.0025	
6/14/2016	<0.0025	
8/9/2016	<0.0025	
10/11/2016	<0.0025	
12/2/2016	0.0004 (J)	
2/9/2017	<0.0025	
4/7/2017	<0.0025	
6/22/2017	<0.0025	
10/10/2017	<0.0025	
3/22/2018	<0.0025	
10/3/2018	<0.0025	
3/27/2019	<0.0025	
9/12/2019	0.00017 (J)	
3/19/2020	<0.0025	
9/10/2020	0.0002 (J)	
4/6/2021	<0.0025	
8/12/2021	0.00072 (J)	
2/14/2022	0.00039 (J)	
8/30/2022	<0.0025	
3/1/2023		<0.0025
8/3/2023		<0.0025
3/4/2024		<0.0025
8/9/2024		<0.0025

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 9/11/2024 6:14 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-29
12/22/2010	<0.0025	
2/15/2011	<0.0025	
3/22/2011	<0.0025	
4/27/2011	<0.0025	
10/26/2011	<0.0025	
5/2/2012	<0.0025	
11/8/2012	<0.0025	
5/8/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/7/2014	<0.0025	
5/22/2015	<0.0025	
11/13/2015	<0.0025	
4/11/2016	<0.0025	
6/15/2016	<0.0025	
8/10/2016	<0.0025	
10/11/2016	<0.0025	
12/5/2016	<0.0025	
2/13/2017	<0.0025	
4/10/2017	<0.0025	
6/23/2017	<0.0025	
10/10/2017	<0.0025	
3/26/2018	<0.0025	
10/4/2018	<0.0025	
3/28/2019	<0.0025	
9/12/2019	<0.0025	
3/19/2020	<0.0025	
9/10/2020	<0.0025	
4/6/2021	<0.0025	
8/13/2021	0.00015 (J)	
2/14/2022	<0.0025	
8/31/2022	<0.0025	
3/1/2023		<0.0025
8/3/2023		<0.0025
3/4/2024		<0.0025
8/8/2024		<0.0025

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 9/11/2024 6:14 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-50	GWC-50
12/22/2010	<0.0025	
2/15/2011	<0.0025	
3/22/2011	<0.0025	
4/27/2011	<0.0025	
10/26/2011	<0.0025	
5/2/2012	<0.0025	
11/8/2012	<0.0025	
5/8/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/8/2014	<0.0025	
5/22/2015	<0.0025	
11/13/2015	<0.0025	
4/11/2016	<0.0025	
6/15/2016	<0.0025	
8/10/2016	<0.0025	
10/11/2016	<0.0025	
12/2/2016	<0.0025	
2/13/2017	<0.0025	
4/7/2017	<0.0025	
6/22/2017	<0.0025	
10/10/2017	<0.0025	
3/23/2018	<0.0025	
10/4/2018	<0.0025	
3/28/2019	<0.0025	
9/12/2019	<0.0025	
3/19/2020	<0.0025	
9/10/2020	<0.0025	
4/6/2021	<0.0025	
8/13/2021	0.00074 (J)	
2/14/2022	<0.0025	
8/31/2022	<0.0025	
3/1/2023		0.01
8/3/2023		<0.0025
3/4/2024		<0.0025
8/8/2024		<0.0025

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 9/11/2024 6:14 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-51	GWC-51
12/22/2010	<0.0025	
2/15/2011	<0.0025	
3/22/2011	<0.0025	
4/27/2011	<0.0025	
10/26/2011	<0.0025	
5/2/2012	<0.0025	
11/8/2012	<0.0025	
5/8/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/7/2014	<0.0025	
5/22/2015	<0.0025	
11/13/2015	<0.0025	
4/11/2016	<0.0025	
6/16/2016	<0.0025	
8/10/2016	<0.0025	
10/13/2016	<0.0025	
12/5/2016	<0.0025	
2/13/2017	<0.0025	
4/10/2017	<0.0025	
6/23/2017	<0.0025	
10/11/2017	<0.0025	
3/26/2018	<0.0025	
10/4/2018	<0.0025	
3/27/2019	<0.0025	
9/12/2019	0.00012 (J)	
3/19/2020	<0.0025	
9/11/2020	<0.0025	
4/5/2021	0.0002 (J)	
8/13/2021	0.00059 (J)	
2/15/2022	<0.0025	
8/31/2022	<0.0025	
2/28/2023		<0.0025
8/3/2023		<0.0025
3/4/2024		<0.0025
8/8/2024		<0.0025

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 9/11/2024 6:14 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-53	GWC-53
12/20/2010	0.0051 (J)	
2/14/2011	0.0038 (J)	
3/21/2011	0.0037 (J)	
4/27/2011	<0.01	
10/26/2011	0.0046 (J)	
5/1/2012	0.0043 (J)	
11/9/2012	0.007 (J)	
5/8/2013	0.0047 (J)	
11/4/2013	0.0096 (J)	
5/24/2014	0.0097 (J)	
11/7/2014	0.012	
5/20/2015	0.011	
11/13/2015	0.013	
4/8/2016	<0.01	
6/16/2016	0.0062 (J)	
8/11/2016	0.0092	
10/13/2016	0.0045	
12/6/2016	0.0043	
2/13/2017	0.011	
4/11/2017	0.012	
6/24/2017	0.011	
10/11/2017	0.016	
3/26/2018	0.0069	
10/4/2018	0.016	
3/28/2019	0.011	
9/12/2019	0.011	
3/19/2020	0.0083	
9/11/2020	0.002 (J)	
4/6/2021	0.0062	
8/13/2021	0.015	
2/14/2022	0.011	
8/31/2022	0.014	
2/28/2023		0.0038
8/3/2023		0.013
3/4/2024		0.0067
8/8/2024		0.01

Prediction Limit

Constituent: Copper, Total (mg/L) Analysis Run 9/11/2024 6:14 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21	GWA-21
12/22/2010	<0.002	
2/14/2011	<0.002	
3/22/2011	<0.002	
4/26/2011	<0.002	
10/27/2011	<0.002	
5/1/2012	<0.002	
11/8/2012	<0.002	
5/7/2013	<0.002	
11/4/2013	<0.002	
5/24/2014	<0.002	
11/8/2014	<0.002	
5/21/2015	0.0028 (O)	
11/13/2015	<0.002	
4/6/2016	<0.002	
10/11/2016	<0.002	
4/10/2017	<0.002	
10/9/2017	<0.002	
3/26/2018	<0.002	
10/3/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	<0.002	
9/10/2020	0.0023	
4/2/2021	<0.002	
8/12/2021	0.00066 (J)	
2/14/2022	<0.002	
8/26/2022	<0.002	
2/28/2023		<0.002
8/2/2023		<0.002
2/29/2024		<0.002
8/6/2024		<0.002

Prediction Limit

Constituent: Copper, Total (mg/L) Analysis Run 9/11/2024 6:14 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-22	GWA-22
12/22/2010	<0.002	
2/14/2011	<0.002	
3/22/2011	<0.002	
4/26/2011	<0.002	
10/27/2011	<0.002	
5/1/2012	<0.002	
11/8/2012	<0.002	
5/7/2013	<0.002	
11/4/2013	<0.002	
5/24/2014	<0.002	
11/8/2014	<0.002	
5/21/2015	0.003 (J)	
11/13/2015	0.078 (O)	
4/8/2016	<0.002	
10/11/2016	<0.002	
4/7/2017	<0.002	
10/9/2017	<0.002	
3/26/2018	<0.002 (D)	
10/3/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	<0.002	
9/10/2020	<0.002	
4/2/2021	<0.002	
8/12/2021	<0.002	
2/15/2022	0.0015 (J)	
8/26/2022	<0.002	
2/28/2023		<0.002
8/3/2023		<0.002
3/4/2024		0.0025
8/8/2024		<0.002

Prediction Limit

Constituent: Copper, Total (mg/L) Analysis Run 9/11/2024 6:14 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-45	GWA-45
12/20/2010	0.0021 (J)	
2/14/2011	<0.002	
3/21/2011	<0.002	
4/26/2011	<0.002	
10/26/2011	<0.002	
5/1/2012	<0.002	
11/8/2012	0.0034 (J)	
5/8/2013	<0.002	
11/4/2013	<0.002	
5/24/2014	<0.002	
11/7/2014	0.002 (J)	
5/20/2015	0.0024 (J)	
11/13/2015	<0.002	
4/7/2016	<0.002	
10/10/2016	<0.002	
4/7/2017	<0.002	
10/10/2017	<0.002	
3/22/2018	<0.002 (D)	
10/3/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	0.00072 (J)	
9/11/2020	0.002	
4/2/2021	<0.002	
8/12/2021	<0.002	
2/14/2022	<0.002	
8/31/2022	<0.002	
2/28/2023		<0.002
8/3/2023		<0.002
3/4/2024		0.0068
8/8/2024		<0.002

Prediction Limit

Constituent: Copper, Total (mg/L) Analysis Run 9/11/2024 6:14 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47	GWA-47
12/20/2010	0.0065 (J)	
2/1/2011	0.018	
3/23/2011	0.022	
4/27/2011	0.02	
10/26/2011	0.0025 (J)	
5/1/2012	0.0022 (J)	
11/8/2012	0.015	
5/7/2013	0.02	
11/5/2013	0.014	
5/23/2014	0.06 (O)	
11/7/2014	0.0032 (J)	
5/21/2015	0.017 (JV)	
11/12/2015	0.01 (J)	
4/8/2016	<0.002	
10/11/2016	0.0051	
4/7/2017	<0.002	
10/10/2017	<0.002	
3/22/2018	<0.002	
10/5/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	<0.002	
3/20/2020	0.0011 (J)	
9/11/2020	<0.002	
4/5/2021	0.0019 (J)	
8/13/2021	<0.002	
2/14/2022	<0.002	
8/31/2022	<0.002	
2/28/2023		<0.002
8/3/2023		<0.002
3/4/2024		<0.002
8/8/2024		<0.002

Prediction Limit

Constituent: Copper, Total (mg/L) Analysis Run 9/11/2024 6:14 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48	GWA-48
12/21/2010	0.0084 (J)	
2/14/2011	0.013 (O)	
3/23/2011	0.0061 (J)	
4/27/2011	<0.002	
10/25/2011	<0.002	
5/1/2012	0.0027 (J)	
11/8/2012	<0.002	
5/7/2013	0.0039 (J)	
11/5/2013	<0.002	
5/23/2014	0.0029 (J)	
11/7/2014	<0.002	
5/21/2015	0.0031 (J)	
11/12/2015	<0.002	
4/7/2016	<0.002	
10/14/2016	0.0024 (J)	
4/7/2017	<0.002	
10/10/2017	<0.002	
3/23/2018	<0.002	
10/3/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	0.00083 (J)	
3/19/2020	0.0022	
9/11/2020	<0.002	
4/5/2021	0.00093 (J)	
8/12/2021	<0.002	
2/14/2022	<0.002	
8/31/2022	<0.002	
2/28/2023		<0.002
8/3/2023		<0.002
3/4/2024		<0.002
8/8/2024		<0.002

Prediction Limit

Constituent: Copper, Total (mg/L) Analysis Run 9/11/2024 6:14 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49	GWA-49
12/21/2010	<0.002	
2/14/2011	<0.002	
3/21/2011	<0.002	
4/26/2011	<0.002	
10/26/2011	<0.002	
5/2/2012	<0.002	
11/8/2012	<0.002	
5/8/2013	<0.002	
11/5/2013	<0.002	
5/23/2014	<0.002	
11/7/2014	<0.002	
5/21/2015	<0.002	
11/12/2015	<0.002	
4/7/2016	<0.002	
10/11/2016	<0.002	
4/7/2017	<0.002	
10/10/2017	<0.002	
3/22/2018	<0.002	
10/3/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	<0.002	
9/10/2020	<0.002	
4/6/2021	<0.002	
8/12/2021	0.0031	
2/14/2022	0.0014 (J)	
8/30/2022	<0.002	
3/1/2023		0.0011 (J)
8/3/2023		<0.002
3/4/2024		<0.002
8/9/2024		<0.002

Prediction Limit

Constituent: Copper, Total (mg/L) Analysis Run 9/11/2024 6:14 PM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-50	GWC-50
12/22/2010	<0.002	
2/15/2011	<0.002	
3/22/2011	<0.002	
4/27/2011	<0.002	
10/26/2011	<0.002	
5/2/2012	<0.002	
11/8/2012	<0.002	
5/8/2013	<0.002	
11/4/2013	<0.002	
5/24/2014	<0.002	
11/8/2014	<0.002	
5/22/2015	0.0031 (O)	
11/13/2015	<0.002	
4/11/2016	<0.002	
10/11/2016	<0.002	
4/7/2017	<0.002	
10/10/2017	<0.002	
3/23/2018	<0.002	
10/4/2018	<0.002	
3/28/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	<0.002	
9/10/2020	<0.002	
4/6/2021	<0.002	
8/13/2021	0.0046	
2/14/2022	0.0013 (J)	
8/31/2022	<0.002	
3/1/2023		<0.002
8/3/2023		<0.002
3/4/2024		<0.002
8/8/2024		<0.002

Prediction Limit

Constituent: Copper, Total (mg/L) Analysis Run 9/11/2024 6:14 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-51	GWC-51
12/22/2010	<0.002	
2/15/2011	<0.002	
3/22/2011	<0.002	
4/27/2011	<0.002	
10/26/2011	<0.002	
5/2/2012	<0.002	
11/8/2012	<0.002	
5/8/2013	<0.002	
11/4/2013	<0.002	
5/24/2014	<0.002	
11/7/2014	<0.002	
5/22/2015	<0.002	
11/13/2015	<0.002	
4/11/2016	<0.002	
10/13/2016	<0.002	
4/10/2017	<0.002	
10/11/2017	<0.002	
3/26/2018	<0.002	
10/4/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	<0.002	
9/11/2020	0.0013 (J)	
4/5/2021	<0.002	
8/13/2021	0.0025	
2/15/2022	<0.002	
8/31/2022	<0.002	
2/28/2023		<0.002
8/3/2023		0.0012 (J)
3/4/2024		<0.002
8/8/2024		<0.002

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 9/11/2024 6:14 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21	GWA-21
12/22/2010	<0.001	
2/14/2011	0.0028 (J)	
3/22/2011	0.0021 (J)	
4/26/2011	0.003 (J)	
10/27/2011	0.0028 (J)	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	0.0044 (J)	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/8/2014	<0.001	
5/21/2015	0.0032 (J)	
11/13/2015	<0.001	
4/6/2016	<0.001	
6/14/2016	<0.001	
8/10/2016	<0.001	
10/11/2016	<0.001	
12/2/2016	<0.001	
2/10/2017	<0.001	
4/10/2017	<0.001	
6/23/2017	<0.001	
10/9/2017	<0.001	
3/26/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	0.0022	
4/2/2021	<0.001	
8/12/2021	<0.001	
2/14/2022	<0.001	
8/26/2022	<0.001	
2/28/2023		<0.001
8/2/2023		<0.001
2/29/2024		0.00023 (J)
8/6/2024		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 9/11/2024 6:14 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-22	GWA-22
12/22/2010	<0.001	
2/14/2011	<0.001	
3/22/2011	<0.001	
4/26/2011	0.0025 (J)	
10/27/2011	0.0033 (J)	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	0.0048 (J)	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/8/2014	0.0021 (J)	
5/21/2015	0.002 (J)	
11/13/2015	<0.001	
4/8/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
10/11/2016	<0.001	
12/5/2016	<0.001	
2/10/2017	<0.001	
4/7/2017	<0.001	
6/26/2017	<0.001	
10/9/2017	<0.001	
3/26/2018	<0.001 (D)	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/2/2021	0.00018 (J)	
8/12/2021	<0.001	
2/15/2022	0.00025 (J)	
8/26/2022	<0.001	
2/28/2023		<0.001
8/3/2023		<0.001
3/4/2024		0.002
8/8/2024		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 9/11/2024 6:14 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-45	GWA-45
12/20/2010	<0.001	
2/14/2011	0.0024 (J)	
3/21/2011	<0.001	
4/26/2011	0.0027 (J)	
10/26/2011	0.0026 (J)	
5/1/2012	<0.001	
11/8/2012	0.0023 (J)	
5/8/2013	0.0026 (J)	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/20/2015	0.005 (J)	
11/13/2015	0.0031 (J)	
4/7/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
10/10/2016	<0.001	
12/2/2016	<0.001	
2/9/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/22/2018	<0.001 (D)	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	0.00019 (J)	
9/11/2020	0.0016	
4/2/2021	<0.001	
8/12/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
2/28/2023		<0.001
8/3/2023		<0.001
3/4/2024		<0.001
8/8/2024		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 9/11/2024 6:14 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-46	GWA-46
12/20/2010	<0.001	
2/1/2011	<0.001	
3/21/2011	<0.001	
4/26/2011	0.0024 (J)	
10/27/2011	0.0025 (J)	
5/2/2012	<0.001	
11/8/2012	0.003 (J)	
5/7/2013	0.0029 (J)	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/20/2015	0.0037 (J)	
11/13/2015	<0.001	
4/7/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
10/10/2016	<0.001	
12/2/2016	<0.001	
2/10/2017	<0.001	
4/7/2017	<0.001	
6/23/2017	<0.001	
10/10/2017	<0.001	
3/23/2018	<0.001	
10/4/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/11/2020	<0.001	
4/5/2021	<0.001	
8/12/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
2/28/2023		<0.001
8/3/2023		<0.001
3/4/2024		<0.001
8/8/2024		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 9/11/2024 6:14 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47	GWA-47
12/20/2010	<0.001	
2/1/2011	0.0027 (J)	
3/23/2011	0.0041 (J)	
4/27/2011	0.0054	
10/26/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	0.0022 (J)	
5/7/2013	0.0062	
11/5/2013	<0.001	
5/23/2014	0.0026 (J)	
11/7/2014	0.0022 (J)	
5/21/2015	0.0049 (J)	
11/12/2015	<0.001	
4/8/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
10/11/2016	<0.001	
12/5/2016	<0.001	
2/10/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/22/2018	0.00096 (J)	
10/5/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/20/2020	<0.001	
9/11/2020	<0.001	
4/5/2021	<0.001	
8/13/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
2/28/2023		<0.001
8/3/2023		<0.001
3/4/2024		<0.001
8/8/2024		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 9/11/2024 6:14 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48	GWA-48
12/21/2010	<0.001	
2/14/2011	0.0029 (J)	
3/23/2011	0.0028 (J)	
4/27/2011	0.0038 (J)	
10/25/2011	0.0043 (J)	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	0.0064	
11/5/2013	<0.001	
5/23/2014	<0.001	
11/7/2014	0.0026 (J)	
5/21/2015	0.0038 (J)	
11/12/2015	0.0021 (J)	
4/7/2016	<0.001	
6/17/2016	<0.001	
8/10/2016	<0.001	
10/14/2016	<0.001	
12/19/2016	<0.001	
2/13/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/23/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	0.0002 (J)	
9/11/2020	<0.001	
4/5/2021	<0.001	
8/12/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
2/28/2023		<0.001
8/3/2023		<0.001
3/4/2024		<0.001
8/8/2024		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 9/11/2024 6:14 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49	GWA-49
12/21/2010	<0.001	
2/14/2011	0.0032 (J)	
3/21/2011	0.0038 (J)	
4/26/2011	0.0046 (J)	
10/26/2011	0.0024 (J)	
5/2/2012	<0.001	
11/8/2012	0.0021 (J)	
5/8/2013	0.006	
11/5/2013	0.0023 (J)	
5/23/2014	<0.001	
11/7/2014	<0.001	
5/21/2015	0.0062 (J)	
11/12/2015	0.0035 (J)	
4/7/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
10/11/2016	<0.001	
12/2/2016	<0.001	
2/9/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/22/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/6/2021	<0.001	
8/12/2021	<0.001	
2/14/2022	<0.001	
8/30/2022	<0.001	
3/1/2023		<0.001
8/3/2023		<0.001
3/4/2024		0.00043 (J)
8/9/2024		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 9/11/2024 6:14 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-29
12/22/2010	<0.001	
2/15/2011	0.0021 (J)	
3/22/2011	0.0027 (J)	
4/27/2011	0.0024 (J)	
10/26/2011	0.0021 (J)	
5/2/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	0.0035 (J)	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/22/2015	0.0038 (J)	
11/13/2015	<0.001	
4/11/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
10/11/2016	<0.001	
12/5/2016	<0.001	
2/13/2017	<0.001	
4/10/2017	<0.001	
6/23/2017	<0.001	
10/10/2017	<0.001	
3/26/2018	<0.001	
10/4/2018	<0.001	
3/28/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/6/2021	<0.001	
8/13/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
3/1/2023		<0.001
8/3/2023		<0.001
3/4/2024		<0.001
8/8/2024		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 9/11/2024 6:14 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-50	GWC-50
12/22/2010	<0.001	
2/15/2011	0.0028 (J)	
3/22/2011	0.0022 (J)	
4/27/2011	0.0033 (J)	
10/26/2011	0.0028 (J)	
5/2/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	0.0043 (J)	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	0.0042 (J)	
11/13/2015	<0.001	
4/11/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
10/11/2016	<0.001	
12/2/2016	<0.001	
2/13/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/23/2018	<0.001	
10/4/2018	<0.001	
3/28/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/6/2021	<0.001	
8/13/2021	0.00054 (J)	
2/14/2022	0.00019 (J)	
8/31/2022	<0.001	
3/1/2023		<0.001
8/3/2023		<0.001
3/4/2024		<0.001
8/8/2024		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 9/11/2024 6:14 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-51	GWC-51
12/22/2010	<0.001	
2/15/2011	0.0032 (J)	
3/22/2011	0.0024 (J)	
4/27/2011	0.0033 (J)	
10/26/2011	0.0023 (J)	
5/2/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	0.0035 (J)	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/22/2015	0.0035 (J)	
11/13/2015	<0.001	
4/11/2016	<0.001	
6/16/2016	<0.001	
8/10/2016	<0.001	
10/13/2016	<0.001	
12/5/2016	<0.001	
2/13/2017	<0.001	
4/10/2017	<0.001	
6/23/2017	<0.001	
10/11/2017	0.00041 (J)	
3/26/2018	<0.001	
10/4/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/11/2020	0.0015	
4/5/2021	<0.001	
8/13/2021	0.00022 (J)	
2/15/2022	<0.001	
8/31/2022	<0.001	
2/28/2023		<0.001
8/3/2023		<0.001
3/4/2024		<0.001
8/8/2024		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 9/11/2024 6:14 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-52	GWC-52
12/21/2010	<0.001	
2/15/2011	0.0034 (J)	
3/21/2011	0.004 (J)	
4/28/2011	0.0036 (J)	
10/26/2011	0.0038 (J)	
5/1/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	0.0059	
11/4/2013	0.0027 (J)	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/22/2015	0.006 (J)	
11/13/2015	0.0024 (J)	
4/11/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/13/2016	<0.001	
12/5/2016	<0.001	
2/13/2017	<0.001	
4/11/2017	<0.001	
6/24/2017	<0.001	
10/11/2017	<0.001	
3/26/2018	0.0034 (o)	
10/4/2018	<0.001	
3/28/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/11/2020	<0.001	
4/5/2021	<0.001	
8/17/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
3/1/2023		<0.001
8/3/2023		<0.001
3/4/2024		<0.001
8/8/2024		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 9/11/2024 6:14 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-53	GWC-53
12/20/2010	<0.001	
2/14/2011	<0.001	
3/21/2011	<0.001	
4/27/2011	<0.001	
10/26/2011	<0.001	
5/1/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/20/2015	0.0026 (O)	
11/13/2015	<0.001	
4/8/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/13/2016	<0.001	
12/6/2016	<0.001	
2/13/2017	<0.001	
4/11/2017	<0.001	
6/24/2017	<0.001	
10/11/2017	<0.001	
3/26/2018	<0.001	
10/4/2018	<0.001	
3/28/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/11/2020	<0.001	
4/6/2021	<0.001	
8/13/2021	0.00017 (J)	
2/14/2022	<0.001	
8/31/2022	<0.001	
2/28/2023		<0.001
8/3/2023		<0.001
3/4/2024		<0.001
8/8/2024		<0.001

Prediction Limit

Constituent: Mercury, Total (mg/L) Analysis Run 9/11/2024 6:14 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21	GWA-21
12/22/2010	<0.0002	
2/14/2011	<0.0002	
3/22/2011	<0.0002	
4/26/2011	<0.0002	
10/27/2011	<0.0002	
5/1/2012	<0.0002	
11/8/2012	<0.0002	
5/7/2013	<0.0002	
11/4/2013	<0.0002	
5/24/2014	<0.0002	
11/8/2014	<0.0002	
5/21/2015	<0.0002	
11/13/2015	<0.0002	
4/6/2016	<0.0002	
6/14/2016	<0.0002	
8/10/2016	<0.0002	
10/11/2016	<0.0002	
12/2/2016	<0.0002	
2/10/2017	<0.0002	
4/10/2017	<0.0002	
6/23/2017	<0.0002	
10/9/2017	8.7E-05 (J)	
3/26/2018	<0.0002 (X)	
10/3/2018	<0.0002 (X)	
3/27/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/10/2020	<0.0002	
4/2/2021	<0.0002	
8/12/2021	<0.0002	
2/14/2022	<0.0002	
8/26/2022	<0.0002	
2/28/2023		<0.0002
8/2/2023		<0.0002
2/29/2024		<0.0002
8/6/2024		<0.0002

Prediction Limit

Constituent: Mercury, Total (mg/L) Analysis Run 9/11/2024 6:14 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-22	GWA-22
12/22/2010	<0.0002	
2/14/2011	<0.0002	
3/22/2011	<0.0002	
4/26/2011	<0.0002	
10/27/2011	<0.0002	
5/1/2012	<0.0002	
11/8/2012	<0.0002	
5/7/2013	<0.0002	
11/4/2013	<0.0002	
5/24/2014	<0.0002	
11/8/2014	<0.0002	
5/21/2015	<0.0002	
11/13/2015	<0.0002	
4/8/2016	<0.0002	
6/14/2016	<0.0002	
8/9/2016	<0.0002	
10/11/2016	<0.0002	
12/5/2016	<0.0002	
2/10/2017	<0.0002	
4/7/2017	<0.0002	
6/26/2017	<0.0002	
10/9/2017	8.7E-05 (J)	
3/26/2018	<0.0002 (XD)	
10/3/2018	<0.0002 (X)	
3/27/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/10/2020	<0.0002	
4/2/2021	<0.0002	
8/12/2021	<0.0002	
2/15/2022	<0.0002	
8/26/2022	<0.0002	
2/28/2023		<0.0002
8/3/2023		<0.0002
3/4/2024		<0.0002
8/8/2024		<0.0002

Prediction Limit

Constituent: Mercury, Total (mg/L) Analysis Run 9/11/2024 6:14 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-45	GWA-45
12/20/2010	<0.0002	
2/14/2011	<0.0002	
3/21/2011	<0.0002	
4/26/2011	<0.0002	
10/26/2011	<0.0002	
5/1/2012	<0.0002	
11/8/2012	<0.0002	
5/8/2013	<0.0002	
11/4/2013	<0.0002	
5/24/2014	<0.0002	
11/7/2014	<0.0002	
5/20/2015	<0.0002	
11/13/2015	<0.0002	
4/7/2016	<0.0002	
6/14/2016	<0.0002	
8/9/2016	<0.0002	
10/10/2016	<0.0002	
12/2/2016	<0.0002	
2/9/2017	<0.0002	
4/7/2017	<0.0002	
6/22/2017	<0.0002	
10/10/2017	8.9E-05 (J)	
3/22/2018	<0.0002 (D)	
10/3/2018	<0.0002 (X)	
3/27/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/11/2020	<0.0002	
4/2/2021	<0.0002	
8/12/2021	<0.0002	
2/14/2022	<0.0002	
8/31/2022	<0.0002	
2/28/2023		<0.0002
8/3/2023		<0.0002
3/4/2024		<0.0002
8/8/2024		<0.0002

Prediction Limit

Constituent: Mercury, Total (mg/L) Analysis Run 9/11/2024 6:14 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-46	GWA-46
12/20/2010	<0.0002	
2/1/2011	<0.0002	
3/21/2011	<0.0002	
4/26/2011	<0.0002	
10/27/2011	<0.0002	
5/2/2012	<0.0002	
11/8/2012	<0.0002	
5/7/2013	0.00011 (J)	
11/4/2013	<0.0002	
5/24/2014	<0.0002	
11/7/2014	<0.0002	
5/20/2015	<0.0002	
11/13/2015	<0.0002	
4/7/2016	<0.0002	
6/14/2016	<0.0002	
8/9/2016	<0.0002	
10/10/2016	<0.0002	
12/2/2016	<0.0002	
2/10/2017	<0.0002	
4/7/2017	<0.0002	
6/23/2017	<0.0002	
10/10/2017	8.8E-05 (J)	
3/23/2018	<0.0002	
10/4/2018	<0.0002	
3/27/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/11/2020	<0.0002	
4/5/2021	<0.0002	
8/12/2021	<0.0002	
2/14/2022	<0.0002	
8/31/2022	<0.0002	
2/28/2023		<0.0002
8/3/2023		<0.0002
3/4/2024		<0.0002
8/8/2024		<0.0002

Prediction Limit

Constituent: Mercury, Total (mg/L) Analysis Run 9/11/2024 6:14 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47	GWA-47
12/20/2010	<0.0002	
2/1/2011	<0.0002	
3/23/2011	<0.0002	
4/27/2011	<0.0002	
10/26/2011	<0.0002	
5/1/2012	<0.0002	
11/8/2012	<0.0002	
5/7/2013	8.1E-05 (J)	
11/5/2013	<0.0002	
5/23/2014	<0.0002	
11/7/2014	<0.0002	
5/21/2015	<0.0002	
11/12/2015	<0.0002	
4/8/2016	<0.0002	
6/14/2016	<0.0002	
8/9/2016	<0.0002	
10/11/2016	<0.0002	
12/5/2016	<0.0002	
2/10/2017	<0.0002	
4/7/2017	<0.0002	
6/22/2017	<0.0002	
10/10/2017	9.2E-05 (J)	
3/22/2018	<0.0002	
10/5/2018	<0.0002	
3/27/2019	<0.0002	
9/12/2019	<0.0002	
3/20/2020	<0.0002	
9/11/2020	<0.0002	
4/5/2021	<0.0002	
8/13/2021	<0.0002	
2/14/2022	<0.0002	
8/31/2022	<0.0002	
2/28/2023		<0.0002
8/3/2023		<0.0002
3/4/2024		<0.0002
8/8/2024		<0.0002

Prediction Limit

Constituent: Mercury, Total (mg/L) Analysis Run 9/11/2024 6:14 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48	GWA-48
12/21/2010	<0.0002	
2/14/2011	<0.0002	
3/23/2011	<0.0002	
4/27/2011	<0.0002	
10/25/2011	<0.0002	
5/1/2012	<0.0002	
11/8/2012	<0.0002	
5/7/2013	8.4E-05 (J)	
11/5/2013	<0.0002	
5/23/2014	<0.0002	
11/7/2014	<0.0002	
5/21/2015	<0.0002	
11/12/2015	<0.0002	
4/7/2016	<0.0002	
6/17/2016	<0.0002	
8/10/2016	<0.0002	
10/14/2016	<0.0002	
12/19/2016	<0.0002	
2/13/2017	<0.0002	
4/7/2017	<0.0002	
6/22/2017	<0.0002	
10/10/2017	9.2E-05 (J)	
3/23/2018	<0.0002	
10/3/2018	<0.0002 (X)	
3/27/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/11/2020	<0.0002	
4/5/2021	<0.0002	
8/12/2021	<0.0002	
2/14/2022	<0.0002	
8/31/2022	<0.0002	
2/28/2023		<0.0002
8/3/2023		<0.0002
3/4/2024		<0.0002
8/8/2024		<0.0002

Prediction Limit

Constituent: Mercury, Total (mg/L) Analysis Run 9/11/2024 6:14 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49	GWA-49
12/21/2010	<0.0002	
2/14/2011	<0.0002	
3/21/2011	<0.0002	
4/26/2011	<0.0002	
10/26/2011	<0.0002	
5/2/2012	<0.0002	
11/8/2012	<0.0002	
5/8/2013	<0.0002	
11/5/2013	<0.0002	
5/23/2014	<0.0002	
11/7/2014	<0.0002	
5/21/2015	<0.0002	
11/12/2015	<0.0002	
4/7/2016	<0.0002	
6/14/2016	<0.0002	
8/9/2016	<0.0002	
10/11/2016	<0.0002	
12/2/2016	<0.0002	
2/9/2017	<0.0002	
4/7/2017	<0.0002	
6/22/2017	<0.0002	
10/10/2017	8.8E-05 (J)	
3/22/2018	<0.0002	
10/3/2018	<0.0002 (X)	
3/27/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/10/2020	<0.0002	
4/6/2021	<0.0002	
8/12/2021	<0.0002	
2/14/2022	<0.0002	
8/30/2022	<0.0002	
3/1/2023		<0.0002
8/3/2023		<0.0002
3/4/2024		<0.0002
8/9/2024		<0.0002

Prediction Limit

Constituent: Mercury, Total (mg/L) Analysis Run 9/11/2024 6:14 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-29
12/22/2010	<0.0002	
2/15/2011	<0.0002	
3/22/2011	<0.0002	
4/27/2011	<0.0002	
10/26/2011	<0.0002	
5/2/2012	<0.0002	
11/8/2012	<0.0002	
5/8/2013	<0.0002	
11/4/2013	<0.0002	
5/24/2014	<0.0002	
11/7/2014	<0.0002	
5/22/2015	<0.0002	
11/13/2015	<0.0002	
4/11/2016	<0.0002	
6/15/2016	<0.0002	
8/10/2016	<0.0002	
10/11/2016	<0.0002	
12/5/2016	<0.0002	
2/13/2017	<0.0002	
4/10/2017	<0.0002	
6/23/2017	<0.0002	
10/10/2017	9.1E-05 (J)	
3/26/2018	<0.0002	
10/4/2018	<0.0002	
3/28/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/10/2020	<0.0002	
4/6/2021	<0.0002	
8/13/2021	<0.0002	
2/14/2022	<0.0002	
8/31/2022	<0.0002	
3/1/2023		<0.0002
8/3/2023		<0.0002
3/4/2024		<0.0002
8/8/2024		<0.0002

Prediction Limit

Constituent: Mercury, Total (mg/L) Analysis Run 9/11/2024 6:14 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-50	GWC-50
12/22/2010	<0.0002	
2/15/2011	<0.0002	
3/22/2011	<0.0002	
4/27/2011	<0.0002	
10/26/2011	<0.0002	
5/2/2012	<0.0002	
11/8/2012	<0.0002	
5/8/2013	<0.0002	
11/4/2013	<0.0002	
5/24/2014	<0.0002	
11/8/2014	<0.0002	
5/22/2015	<0.0002	
11/13/2015	<0.0002	
4/11/2016	<0.0002	
6/15/2016	<0.0002	
8/10/2016	<0.0002	
10/11/2016	<0.0002	
12/2/2016	<0.0002	
2/13/2017	<0.0002	
4/7/2017	<0.0002	
6/22/2017	<0.0002	
10/10/2017	8.9E-05 (J)	
3/23/2018	<0.0002 (X)	
10/4/2018	<0.0002	
3/28/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/10/2020	<0.0002	
4/6/2021	<0.0002	
8/13/2021	<0.0002	
2/14/2022	<0.0002	
8/31/2022	<0.0002	
3/1/2023		<0.0002
8/3/2023		<0.0002
3/4/2024		<0.0002
8/8/2024		<0.0002

Prediction Limit

Constituent: Mercury, Total (mg/L) Analysis Run 9/11/2024 6:14 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-52	GWC-52
12/21/2010	<0.0002	
2/15/2011	<0.0002	
3/21/2011	<0.0002	
4/28/2011	<0.0002	
10/26/2011	8.2E-05	
5/1/2012	<0.0002	
11/9/2012	<0.0002	
5/8/2013	<0.0002	
11/4/2013	<0.0002	
5/24/2014	<0.0002	
11/7/2014	<0.0002	
5/22/2015	<0.0002	
11/13/2015	<0.0002	
4/11/2016	<0.0002	
6/16/2016	<0.0002	
8/11/2016	<0.0002	
10/13/2016	<0.0002	
12/5/2016	<0.0002	
2/13/2017	<0.0002	
4/11/2017	<0.0002	
6/24/2017	<0.0002	
10/11/2017	<0.0002	
3/26/2018	<0.0002	
10/4/2018	<0.0002	
3/28/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/11/2020	<0.0002	
4/5/2021	<0.0002	
8/17/2021	<0.0002	
2/14/2022	<0.0002	
8/31/2022	<0.0002	
3/1/2023		<0.0002
8/3/2023		9E-05 (J)
3/4/2024		<0.0002
8/8/2024		<0.0002

Prediction Limit

Constituent: Nickel, Total (mg/L) Analysis Run 9/11/2024 6:14 PM View: Appendix I - Inrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21	GWA-21
12/22/2010	<0.001	
2/14/2011	<0.001	
3/22/2011	<0.001	
4/26/2011	<0.001	
10/27/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/8/2014	<0.001	
5/21/2015	<0.001	
11/13/2015	<0.001	
4/6/2016	<0.001	
10/11/2016	<0.001	
4/10/2017	<0.001	
10/9/2017	0.0024 (O)	
3/26/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	0.00097 (J)	
3/19/2020	0.00037 (J)	
9/10/2020	0.00095 (J)	
4/2/2021	0.00046 (J)	
8/12/2021	0.0011	
2/14/2022	<0.001	
8/26/2022	0.0012	
2/28/2023		0.0015
8/2/2023		0.00086 (J)
2/29/2024		0.00097 (J)
8/6/2024		0.00096 (J)

Prediction Limit

Constituent: Nickel, Total (mg/L) Analysis Run 9/11/2024 6:14 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-22	GWA-22
12/22/2010	0.003 (O)	
2/14/2011	<0.001	
3/22/2011	<0.001	
4/26/2011	<0.001	
10/27/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/8/2014	<0.001	
5/21/2015	<0.001	
11/13/2015	<0.001	
4/8/2016	<0.001	
10/11/2016	<0.001	
4/7/2017	<0.001	
10/9/2017	<0.001	
3/26/2018	<0.001 (D)	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/2/2021	0.00049 (J)	
8/12/2021	0.00042 (J)	
2/15/2022	0.0014	
8/26/2022	0.00065 (J)	
2/28/2023		0.00091 (J)
8/3/2023		0.00067 (J)
3/4/2024		0.00055 (J)
8/8/2024		<0.001

Prediction Limit

Constituent: Nickel, Total (mg/L) Analysis Run 9/11/2024 6:14 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-45	GWA-45
12/20/2010	<0.001	
2/14/2011	<0.001	
3/21/2011	<0.001	
4/26/2011	<0.001	
10/26/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/20/2015	<0.001	
11/13/2015	<0.001	
4/7/2016	<0.001	
10/10/2016	<0.001	
4/7/2017	<0.001	
10/10/2017	<0.001	
3/22/2018	<0.001 (D)	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	0.00061 (J)	
3/19/2020	0.00074 (J)	
9/11/2020	0.001	
4/2/2021	0.00077 (J)	
8/12/2021	0.00092 (J)	
2/14/2022	<0.001	
8/31/2022	0.00065 (J)	
2/28/2023		0.00064 (J)
8/3/2023		0.00067 (J)
3/4/2024		0.0011
8/8/2024		0.00048 (J)

Prediction Limit

Constituent: Nickel, Total (mg/L) Analysis Run 9/11/2024 6:14 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-46	GWA-46
12/20/2010	<0.001	
2/1/2011	<0.001	
3/21/2011	<0.001	
4/26/2011	<0.001	
10/27/2011	<0.001	
5/2/2012	<0.001	
11/8/2012	0.0035 (O)	
5/7/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/20/2015	<0.001	
11/13/2015	<0.001	
4/7/2016	<0.001	
10/10/2016	<0.001	
4/7/2017	<0.001	
10/10/2017	<0.001	
3/23/2018	<0.001	
10/4/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	0.0004 (J)	
3/19/2020	<0.001	
9/11/2020	<0.001	
4/5/2021	<0.001	
8/12/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	0.00056 (J)	
2/28/2023		<0.001
8/3/2023		0.00045 (J)
3/4/2024		<0.001
8/8/2024		<0.001

Prediction Limit

Constituent: Nickel, Total (mg/L) Analysis Run 9/11/2024 6:15 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47	GWA-47
12/20/2010	<0.001	
2/1/2011	0.0072	
3/23/2011	<0.001	
4/27/2011	<0.001	
10/26/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	0.0066	
5/7/2013	0.022	
11/5/2013	0.0093	
5/23/2014	0.0045 (J)	
11/7/2014	0.0049 (J)	
5/21/2015	0.012	
11/12/2015	0.019	
4/8/2016	<0.001	
10/11/2016	<0.001	
4/7/2017	<0.001	
10/10/2017	<0.001	
3/22/2018	<0.001	
10/5/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/20/2020	<0.001	
9/11/2020	<0.001	
4/5/2021	<0.001	
8/13/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
2/28/2023		<0.001
8/3/2023		<0.001
3/4/2024		<0.001
8/8/2024		<0.001

Prediction Limit

Constituent: Nickel, Total (mg/L) Analysis Run 9/11/2024 6:15 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48	GWA-48
12/21/2010	0.0052	
2/14/2011	0.016	
3/23/2011	<0.001	
4/27/2011	<0.001	
10/25/2011	<0.001	
5/1/2012	0.0035 (J)	
11/8/2012	0.0046 (J)	
5/7/2013	0.0087	
11/5/2013	0.0036 (J)	
5/23/2014	<0.001	
11/7/2014	0.0064	
5/21/2015	0.0045 (J)	
11/12/2015	0.0036 (J)	
4/7/2016	<0.001	
10/14/2016	<0.001	
4/7/2017	<0.001	
10/10/2017	<0.001	
3/23/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	0.0004 (J)	
9/11/2020	<0.001	
4/5/2021	0.00034 (J)	
8/12/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
2/28/2023		<0.001
8/3/2023		<0.001
3/4/2024		<0.001
8/8/2024		<0.001

Prediction Limit

Constituent: Nickel, Total (mg/L) Analysis Run 9/11/2024 6:15 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49	GWA-49
12/21/2010	<0.001	
2/14/2011	<0.001	
3/21/2011	<0.001	
4/26/2011	<0.001	
10/26/2011	<0.001	
5/2/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	<0.001	
11/5/2013	<0.001	
5/23/2014	<0.001	
11/7/2014	<0.001	
5/21/2015	<0.001	
11/12/2015	<0.001	
4/7/2016	<0.001	
10/11/2016	<0.001	
4/7/2017	<0.001	
10/10/2017	<0.001	
3/22/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	0.00043 (J)	
3/19/2020	<0.001	
9/10/2020	0.00062 (J)	
4/6/2021	<0.001	
8/12/2021	0.0019	
2/14/2022	0.00088 (J)	
8/30/2022	0.00074 (J)	
3/1/2023		<0.001
8/3/2023		0.00046 (J)
3/4/2024		<0.001
8/9/2024		<0.001

Prediction Limit

Constituent: Nickel, Total (mg/L) Analysis Run 9/11/2024 6:15 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-29
12/22/2010	<0.0047	
2/15/2011	<0.0047	
3/22/2011	<0.0047	
4/27/2011	<0.0047	
10/26/2011	<0.0047	
5/2/2012	<0.0047	
11/8/2012	<0.0047	
5/8/2013	<0.0047	
11/4/2013	<0.0047	
5/24/2014	<0.0047	
11/7/2014	<0.0047	
5/22/2015	0.0032 (J)	
11/13/2015	<0.0047	
4/11/2016	0.00388 (J)	
10/11/2016	<0.0047	
4/10/2017	0.0042	
10/10/2017	0.0037	
3/26/2018	0.0037	
10/4/2018	0.0037	
3/28/2019	0.0038	
9/12/2019	0.0035	
3/19/2020	0.0039	
9/10/2020	0.0035	
4/6/2021	0.0042	
8/13/2021	0.0037	
2/14/2022	0.0034	
8/31/2022	0.0033	
3/1/2023		0.0038
8/3/2023		0.0031
3/4/2024		0.0028
8/8/2024		0.0025

Prediction Limit

Constituent: Nickel, Total (mg/L) Analysis Run 9/11/2024 6:15 PM View: Appendix I - Inrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-50	GWC-50
12/22/2010	<0.0018	
2/15/2011	<0.0018	
3/22/2011	<0.0018	
4/27/2011	<0.0018	
10/26/2011	<0.0018	
5/2/2012	<0.0018	
11/8/2012	<0.0018	
5/8/2013	<0.0018	
11/4/2013	<0.0018	
5/24/2014	<0.0018	
11/8/2014	<0.0018	
5/22/2015	<0.0018	
11/13/2015	<0.0018	
4/11/2016	<0.0018	
10/11/2016	<0.0018	
4/7/2017	<0.0018	
10/10/2017	<0.0018	
3/23/2018	<0.0018	
10/4/2018	<0.0018	
3/28/2019	<0.0018	
9/12/2019	0.0012	
3/19/2020	0.0015	
9/10/2020	0.0017	
4/6/2021	0.0019	
8/13/2021	0.0036	
2/14/2022	0.0026	
8/31/2022	0.0031	
3/1/2023		0.0073
8/3/2023		0.0033
3/4/2024		0.0029
8/8/2024		0.003

Prediction Limit

Constituent: Nickel, Total (mg/L) Analysis Run 9/11/2024 6:15 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-51	GWC-51
12/22/2010	<0.0025	
2/15/2011	<0.0025	
3/22/2011	<0.0025	
4/27/2011	<0.0025	
10/26/2011	<0.0025	
5/2/2012	<0.0025	
11/8/2012	<0.0025	
5/8/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/7/2014	<0.0025	
5/22/2015	<0.0025	
11/13/2015	<0.0025	
4/11/2016	<0.0025	
10/13/2016	<0.0025	
4/10/2017	<0.0025	
10/11/2017	0.0018 (J)	
3/26/2018	0.0021 (J)	
10/4/2018	0.0024 (J)	
3/27/2019	0.0024 (J)	
9/12/2019	0.0019	
3/19/2020	0.0021	
9/11/2020	0.002	
4/5/2021	0.002	
8/13/2021	0.0034	
2/15/2022	0.0024	
8/31/2022	0.0025	
2/28/2023		0.0028
8/3/2023		0.0028
3/4/2024		0.0024
8/8/2024		0.0027

Prediction Limit

Constituent: Nickel, Total (mg/L) Analysis Run 9/11/2024 6:15 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-53	GWC-53
12/20/2010	0.006	
2/14/2011	0.0067	
3/21/2011	0.0066	
4/27/2011	0.0077	
10/26/2011	0.0063	
5/1/2012	0.0068	
11/9/2012	0.0067	
5/8/2013	0.0066	
11/4/2013	0.0072	
5/24/2014	0.0053	
11/7/2014	0.0052	
5/20/2015	0.0067	
11/13/2015	0.0063	
4/8/2016	<0.0073	
10/13/2016	<0.0073	
4/11/2017	0.0075	
10/11/2017	0.0072	
3/26/2018	0.0075	
10/4/2018	0.0073	
3/28/2019	0.0069	
9/12/2019	0.007	
3/19/2020	0.007	
9/11/2020	0.0074	
4/6/2021	0.0072	
8/13/2021	0.0073	
2/14/2022	0.0071	
8/31/2022	0.0069	
2/28/2023		0.0073
8/3/2023		0.0071
3/4/2024		0.0077
8/8/2024		0.0077

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 9/11/2024 6:15 PM View: Appendix I - Inrawell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-22	GWA-22
12/22/2010	<0.005	
2/14/2011	<0.005	
3/22/2011	<0.005	
4/26/2011	<0.005	
10/27/2011	<0.005	
5/1/2012	<0.005	
11/8/2012	<0.005	
5/7/2013	<0.005	
11/4/2013	0.0048	
5/24/2014	<0.005	
11/8/2014	<0.005	
5/21/2015	0.0041	
11/13/2015	<0.005	
4/8/2016	<0.005	
6/14/2016	<0.005	
8/9/2016	<0.005	
10/11/2016	<0.005	
12/5/2016	<0.005	
2/10/2017	0.0032	
4/7/2017	<0.005	
6/26/2017	<0.005	
10/9/2017	<0.005	
3/26/2018	<0.005 (D)	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/2/2021	<0.005	
8/12/2021	<0.005	
2/15/2022	<0.005	
8/26/2022	<0.005	
2/28/2023		<0.005
8/3/2023		<0.005
3/4/2024		<0.005
8/8/2024		<0.005

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 9/11/2024 6:15 PM View: Appendix I - Inrawell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-45	GWA-45
12/20/2010	<0.005	
2/14/2011	<0.005	
3/21/2011	<0.005	
4/26/2011	<0.005	
10/26/2011	<0.005	
5/1/2012	<0.005	
11/8/2012	<0.005	
5/8/2013	0.0048	
11/4/2013	<0.005	
5/24/2014	0.0042	
11/7/2014	<0.005	
5/20/2015	0.0093 (O)	
11/13/2015	0.0061 (O)	
4/7/2016	<0.005	
6/14/2016	<0.005	
8/9/2016	<0.005	
10/10/2016	<0.005	
12/2/2016	<0.005	
2/9/2017	<0.005	
4/7/2017	<0.005	
6/22/2017	<0.005	
10/10/2017	0.00033 (J)	
3/22/2018	<0.005 (D)	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/11/2020	<0.005	
4/2/2021	<0.005	
8/12/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	<0.005	
2/28/2023		0.00076 (J)
8/3/2023		<0.005
3/4/2024		<0.005
8/8/2024		<0.005

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 9/11/2024 6:15 PM View: Appendix I - Inrawell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47	GWA-47
12/20/2010	<0.005	
2/1/2011	<0.005	
3/23/2011	<0.005	
4/27/2011	<0.005	
10/26/2011	<0.005	
5/1/2012	<0.005	
11/8/2012	<0.005	
5/7/2013	<0.005	
11/5/2013	0.0064 (O)	
5/23/2014	<0.005	
11/7/2014	<0.005	
5/21/2015	<0.005	
11/12/2015	<0.005	
4/8/2016	<0.005	
6/14/2016	<0.005	
8/9/2016	<0.005	
10/11/2016	<0.005	
12/5/2016	<0.005	
2/10/2017	<0.005	
4/7/2017	<0.005	
6/22/2017	0.0021	
10/10/2017	<0.005	
3/22/2018	<0.005	
10/5/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	<0.005	
3/20/2020	<0.005	
9/11/2020	<0.005	
4/5/2021	<0.005	
8/13/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	<0.005	
2/28/2023		<0.005
8/3/2023		<0.005
3/4/2024		<0.005
8/8/2024		<0.005

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 9/11/2024 6:15 PM View: Appendix I - Inrawell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48	GWA-48
12/21/2010	<0.005	
2/14/2011	<0.005	
3/23/2011	<0.005	
4/27/2011	<0.005	
10/25/2011	<0.005	
5/1/2012	<0.005	
11/8/2012	<0.005	
5/7/2013	0.0046	
11/5/2013	0.0047	
5/23/2014	<0.005	
11/7/2014	<0.005	
5/21/2015	0.0077 (O)	
11/12/2015	<0.005	
4/7/2016	<0.005	
6/17/2016	<0.005	
8/10/2016	<0.005	
10/14/2016	<0.005	
12/19/2016	<0.005	
2/13/2017	<0.005	
4/7/2017	<0.005	
6/22/2017	<0.005	
10/10/2017	<0.005	
3/23/2018	<0.005	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/11/2020	<0.005	
4/5/2021	<0.005	
8/12/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	<0.005	
2/28/2023		<0.005
8/3/2023		<0.005
3/4/2024		<0.005
8/8/2024		<0.005

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 9/11/2024 6:15 PM View: Appendix I - Inrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49	GWA-49
12/21/2010	<0.005	
2/14/2011	<0.005	
3/21/2011	<0.005	
4/26/2011	<0.005	
10/26/2011	<0.005	
5/2/2012	<0.005	
11/8/2012	<0.005	
5/8/2013	<0.005	
11/5/2013	<0.005	
5/23/2014	<0.005	
11/7/2014	<0.005	
5/21/2015	0.0041	
11/12/2015	<0.005	
4/7/2016	<0.005	
6/14/2016	<0.005	
8/9/2016	<0.005	
10/11/2016	<0.005	
12/2/2016	<0.005	
2/9/2017	<0.005	
4/7/2017	0.00092 (J)	
6/22/2017	<0.005	
10/10/2017	<0.005	
3/22/2018	<0.005	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/6/2021	<0.005	
8/12/2021	<0.005	
2/14/2022	<0.005	
8/30/2022	<0.005	
3/1/2023		<0.005
8/3/2023		<0.005
3/4/2024		<0.005
8/9/2024		<0.005

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 9/11/2024 6:15 PM View: Appendix I - Inrawell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-29
12/22/2010	<0.005	
2/15/2011	<0.005	
3/22/2011	<0.005	
4/27/2011	<0.005	
10/26/2011	<0.005	
5/2/2012	<0.005	
11/8/2012	<0.005	
5/8/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	0.0044	
11/7/2014	<0.005	
5/22/2015	<0.005	
11/13/2015	<0.005	
4/11/2016	<0.005	
6/15/2016	<0.005	
8/10/2016	<0.005	
10/11/2016	<0.005	
12/5/2016	<0.005	
2/13/2017	<0.005	
4/10/2017	<0.005	
6/23/2017	<0.005	
10/10/2017	<0.005	
3/26/2018	<0.005	
10/4/2018	0.00032 (J)	
3/28/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/6/2021	<0.005	
8/13/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	<0.005	
3/1/2023		<0.005
8/3/2023		<0.005
3/4/2024		<0.005
8/8/2024		<0.005

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 9/11/2024 6:15 PM View: Appendix I - Inrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-50	GWC-50
12/22/2010	<0.005	
2/15/2011	<0.005	
3/22/2011	<0.005	
4/27/2011	<0.005	
10/26/2011	<0.005	
5/2/2012	<0.005	
11/8/2012	<0.005	
5/8/2013	0.0042	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/8/2014	<0.005	
5/22/2015	<0.005	
11/13/2015	<0.005	
4/11/2016	<0.005	
6/15/2016	<0.005	
8/10/2016	<0.005	
10/11/2016	<0.005	
12/2/2016	<0.005	
2/13/2017	<0.005	
4/7/2017	0.0021	
6/22/2017	<0.005	
10/10/2017	<0.005	
3/23/2018	<0.005	
10/4/2018	<0.005	
3/28/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/6/2021	<0.005	
8/13/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	<0.005	
3/1/2023		<0.005
8/3/2023		<0.005
3/4/2024		<0.005
8/8/2024		<0.005

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 9/11/2024 6:15 PM View: Appendix I - Inrawell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-52	GWC-52
12/21/2010	<0.005	
2/15/2011	<0.005	
3/21/2011	<0.005	
4/28/2011	<0.005	
10/26/2011	<0.005	
5/1/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/4/2013	0.0049	
5/24/2014	<0.005	
11/7/2014	<0.005	
5/22/2015	0.0067 (O)	
11/13/2015	<0.005	
4/11/2016	<0.005	
6/16/2016	<0.005	
8/11/2016	0.00036 (J)	
10/13/2016	0.00035 (J)	
12/5/2016	<0.005	
2/13/2017	<0.005	
4/11/2017	0.0027	
6/24/2017	<0.005	
10/11/2017	<0.005	
3/26/2018	<0.005	
10/4/2018	0.0004 (J)	
3/28/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/11/2020	<0.005	
4/5/2021	<0.005	
8/17/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	<0.005	
3/1/2023		0.00099 (J)
8/3/2023		<0.005
3/4/2024		<0.005
8/8/2024		<0.005

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 9/11/2024 6:15 PM View: Appendix I - Inrawell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-53	GWC-53
12/20/2010	<0.005	
2/14/2011	<0.005	
3/21/2011	<0.005	
4/27/2011	<0.005	
10/26/2011	<0.005	
5/1/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/7/2014	<0.005	
5/20/2015	<0.005	
11/13/2015	<0.005	
4/8/2016	<0.005	
6/16/2016	<0.005	
8/11/2016	<0.005	
10/13/2016	0.00046 (J)	
12/6/2016	<0.005	
2/13/2017	0.0025	
4/11/2017	0.00089 (J)	
6/24/2017	<0.005	
10/11/2017	<0.005	
3/26/2018	<0.005	
10/4/2018	<0.005	
3/28/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/11/2020	<0.005	
4/6/2021	<0.005	
8/13/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	<0.005	
2/28/2023		<0.005
8/3/2023		<0.005
3/4/2024		<0.005
8/8/2024		<0.005

Prediction Limit

Constituent: Thallium, Total (mg/L) Analysis Run 9/11/2024 6:15 PM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21	GWA-21
12/22/2010	<0.001	
2/14/2011	<0.001	
3/22/2011	<0.001	
4/26/2011	<0.001	
10/27/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	<0.001	
11/4/2013	0.00025 (J)	
5/24/2014	<0.001	
11/8/2014	0.00048	
5/21/2015	<0.001	
11/13/2015	<0.001	
4/6/2016	<0.001	
6/14/2016	<0.001	
8/10/2016	<0.001	
10/11/2016	<0.001	
12/2/2016	<0.001	
2/10/2017	<0.001	
4/10/2017	<0.001	
6/23/2017	<0.001	
10/9/2017	<0.001	
3/26/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/2/2021	0.00016 (J)	
8/12/2021	<0.001	
2/14/2022	<0.001	
8/26/2022	<0.001	
2/28/2023		<0.001
8/2/2023		<0.001
2/29/2024		<0.001
8/6/2024		<0.001

Prediction Limit

Constituent: Thallium, Total (mg/L) Analysis Run 9/11/2024 6:15 PM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-22	GWA-22
12/22/2010	<0.001	
2/14/2011	<0.001	
3/22/2011	<0.001	
4/26/2011	<0.001	
10/27/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/8/2014	0.00086	
5/21/2015	<0.001	
11/13/2015	<0.001	
4/8/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
10/11/2016	<0.001	
12/5/2016	<0.001	
2/10/2017	<0.001	
4/7/2017	<0.001	
6/26/2017	<0.001	
10/9/2017	<0.001	
3/26/2018	<0.001 (D)	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/2/2021	0.00036 (J)	
8/12/2021	<0.001	
2/15/2022	<0.001	
8/26/2022	<0.001	
2/28/2023		<0.001
8/3/2023		<0.001
3/4/2024		<0.001
8/8/2024		<0.001

Prediction Limit

Constituent: Thallium, Total (mg/L) Analysis Run 9/11/2024 6:15 PM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-45	GWA-45
12/20/2010	0.00026 (J)	
2/14/2011	<0.001	
3/21/2011	<0.001	
4/26/2011	<0.001	
10/26/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	0.00032	
5/20/2015	<0.001	
11/13/2015	<0.001	
4/7/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
10/10/2016	<0.001	
12/2/2016	<0.001	
2/9/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/22/2018	<0.001 (D)	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	0.00036 (J)	
9/11/2020	<0.001	
4/2/2021	<0.001	
8/12/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
2/28/2023		<0.001
8/3/2023		<0.001
3/4/2024		<0.001
8/8/2024		<0.001

Prediction Limit

Constituent: Thallium, Total (mg/L) Analysis Run 9/11/2024 6:15 PM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48	GWA-48
12/21/2010	<0.001	
2/14/2011	<0.001	
3/23/2011	<0.001	
4/27/2011	<0.001	
10/25/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	<0.001	
11/5/2013	<0.001	
5/23/2014	<0.001	
11/7/2014	<0.001	
5/21/2015	<0.001	
11/12/2015	<0.001	
4/7/2016	<0.001	
6/17/2016	<0.001	
8/10/2016	<0.001	
10/14/2016	<0.001	
12/19/2016	<0.001	
2/13/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/23/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	0.00018 (J)	
9/11/2020	<0.001	
4/5/2021	0.00043 (J)	
8/12/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
2/28/2023		<0.001
8/3/2023		<0.001
3/4/2024		<0.001
8/8/2024		<0.001

Prediction Limit

Constituent: Thallium, Total (mg/L) Analysis Run 9/11/2024 6:15 PM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-50	GWC-50
12/22/2010	<0.001	
2/15/2011	<0.001	
3/22/2011	<0.001	
4/27/2011	<0.001	
10/26/2011	<0.001	
5/2/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	0.00028	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	<0.001	
11/13/2015	<0.001	
4/11/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
10/11/2016	<0.001	
12/2/2016	<0.001	
2/13/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/23/2018	<0.001	
10/4/2018	<0.001	
3/28/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/6/2021	<0.001	
8/13/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
3/1/2023		<0.001
8/3/2023		<0.001
3/4/2024		<0.001
8/8/2024		<0.001

Prediction Limit

Constituent: Thallium, Total (mg/L) Analysis Run 9/11/2024 6:15 PM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-51	GWC-51
12/22/2010	<0.001	
2/15/2011	<0.001	
3/22/2011	<0.001	
4/27/2011	<0.001	
10/26/2011	<0.001	
5/2/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/22/2015	<0.001	
11/13/2015	<0.001	
4/11/2016	<0.001	
6/16/2016	<0.001	
8/10/2016	<0.001	
10/13/2016	<0.001	
12/5/2016	<0.001	
2/13/2017	<0.001	
4/10/2017	<0.001	
6/23/2017	<0.001	
10/11/2017	<0.001	
3/26/2018	<0.001	
10/4/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/11/2020	<0.001	
4/5/2021	0.00022 (J)	
8/13/2021	<0.001	
2/15/2022	<0.001	
8/31/2022	<0.001	
2/28/2023		<0.001
8/3/2023		<0.001
3/4/2024		<0.001
8/8/2024		<0.001

Prediction Limit

Constituent: Vanadium, Total (mg/L) Analysis Run 9/11/2024 6:15 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21	GWA-21
12/22/2010	<0.0025	
2/14/2011	<0.0025	
3/22/2011	0.0028 (J)	
4/26/2011	0.0025 (J)	
10/27/2011	<0.0025	
5/1/2012	<0.0025	
11/8/2012	<0.0025	
5/7/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/8/2014	<0.0025	
5/21/2015	<0.0025	
11/13/2015	<0.0025	
4/6/2016	0.00201 (J)	
10/11/2016	<0.0025	
4/10/2017	0.002 (J)	
10/9/2017	<0.0025	
3/26/2018	0.0014 (J)	
10/3/2018	0.0023 (J)	
3/27/2019	0.0072 (O)	
9/12/2019	0.0031	
3/19/2020	0.003	
9/10/2020	0.0027	
4/2/2021	0.0029	
8/12/2021	0.004	
2/14/2022	0.0033	
8/26/2022	0.0028	
2/28/2023		0.0036
8/2/2023		0.0035
2/29/2024		0.0025
8/6/2024		0.003

Prediction Limit

Constituent: Vanadium, Total (mg/L) Analysis Run 9/11/2024 6:15 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-22	GWA-22
12/22/2010	<0.0025	
2/14/2011	<0.0025	
3/22/2011	0.0032 (J)	
4/26/2011	<0.0025	
10/27/2011	<0.0025	
5/1/2012	0.0037 (J)	
11/8/2012	<0.0025	
5/7/2013	0.0041 (J)	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/8/2014	<0.0025	
5/21/2015	0.0052 (J)	
11/13/2015	<0.0025	
4/8/2016	<0.0025 (D)	
10/11/2016	<0.0025	
4/7/2017	0.0033	
10/9/2017	<0.0025	
3/26/2018	0.0029	
10/3/2018	0.0022 (J)	
3/27/2019	0.0071 (O)	
9/12/2019	0.0025	
3/19/2020	0.0052	
9/10/2020	0.0025	
4/2/2021	0.0045	
8/12/2021	0.0028	
2/15/2022	0.0083	
8/26/2022	0.002	
2/28/2023		0.0071
8/3/2023		0.0037
3/4/2024		0.0081
8/8/2024		0.0034

Prediction Limit

Constituent: Vanadium, Total (mg/L) Analysis Run 9/11/2024 6:15 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-45	GWA-45
12/20/2010	<0.0014	
2/14/2011	<0.0014	
3/21/2011	<0.0014	
4/26/2011	0.0022 (J)	
10/26/2011	<0.0014	
5/1/2012	0.0036 (J)	
11/8/2012	0.0062 (O)	
5/8/2013	<0.0014	
11/4/2013	<0.0014	
5/24/2014	<0.0014	
11/7/2014	<0.0014	
5/20/2015	<0.0014	
11/13/2015	<0.0014	
4/7/2016	<0.0014	
10/10/2016	<0.0014	
4/7/2017	<0.0014	
10/10/2017	0.0014 (J)	
3/22/2018	<0.0014 (D)	
10/3/2018	<0.0014	
3/27/2019	0.0023 (J)	
9/12/2019	0.0017	
3/19/2020	0.0031	
9/11/2020	0.0015	
4/2/2021	0.0014	
8/12/2021	0.0017	
2/14/2022	0.0028	
8/31/2022	0.0011	
2/28/2023		0.0018
8/3/2023		0.0012 (J)
3/4/2024		0.0024
8/8/2024		0.00075 (J)

Prediction Limit

Constituent: Vanadium, Total (mg/L) Analysis Run 9/11/2024 6:15 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-46	GWA-46
12/20/2010	0.0024 (J)	
2/1/2011	0.0021 (J)	
3/21/2011	0.0025 (J)	
4/26/2011	0.0033 (J)	
10/27/2011	<0.0034	
5/2/2012	0.0051 (J)	
11/8/2012	0.02 (O)	
5/7/2013	0.0036 (J)	
11/4/2013	0.0043 (J)	
5/24/2014	0.0033 (J)	
11/7/2014	<0.0034	
5/20/2015	0.0062 (J)	
11/13/2015	0.0046 (J)	
4/7/2016	0.00293 (J)	
10/10/2016	0.0031	
4/7/2017	0.0041	
10/10/2017	<0.0034	
3/23/2018	0.0032	
10/4/2018	<0.0034 (X)	
3/27/2019	0.0072	
9/12/2019	0.0033	
3/19/2020	0.0033	
9/11/2020	0.0026	
4/5/2021	0.003	
8/12/2021	0.0031	
2/14/2022	0.0032	
8/31/2022	0.0027	
2/28/2023		0.0037
8/3/2023		0.0026
3/4/2024		0.0028
8/8/2024		0.0019 (J)

Prediction Limit

Constituent: Vanadium, Total (mg/L) Analysis Run 9/11/2024 6:15 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47	GWA-47
12/20/2010	0.0051 (J)	
2/1/2011	0.012	
3/23/2011	0.015	
4/27/2011	0.022	
10/26/2011	0.0043 (J)	
5/1/2012	0.0069 (J)	
11/8/2012	0.013	
5/7/2013	0.017	
11/5/2013	0.013	
5/23/2014	0.041 (o)	
11/7/2014	0.0069 (J)	
5/21/2015	0.016	
11/12/2015	0.013	
4/8/2016	<0.0053 (D)	
10/11/2016	0.011	
4/7/2017	0.0073	
10/10/2017	0.0032	
3/22/2018	0.0068	
10/5/2018	<0.0053 (X)	
3/27/2019	0.012	
9/12/2019	0.0075	
3/20/2020	0.0086	
9/11/2020	0.007	
4/5/2021	0.0085	
8/13/2021	0.0078	
2/14/2022	0.0076	
8/31/2022	0.0073	
2/28/2023		0.0078
8/3/2023		0.0072
3/4/2024		0.0078
8/8/2024		0.0079

Prediction Limit

Constituent: Vanadium, Total (mg/L) Analysis Run 9/11/2024 6:15 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48	GWA-48
12/21/2010	0.0091 (J)	
2/14/2011	0.013	
3/23/2011	<0.01	
4/27/2011	0.0078 (J)	
10/25/2011	0.012 (O)	
5/1/2012	0.019	
11/8/2012	0.015	
5/7/2013	0.017	
11/5/2013	0.015	
5/23/2014	0.017	
11/7/2014	0.013	
5/21/2015	0.016	
11/12/2015	0.018	
4/7/2016	0.016	
10/14/2016	0.018	
4/7/2017	0.017	
10/10/2017	0.015	
3/23/2018	0.016	
10/3/2018	0.017	
3/27/2019	0.022	
9/12/2019	0.019	
3/19/2020	0.019	
9/11/2020	0.017	
4/5/2021	0.019	
8/12/2021	0.019	
2/14/2022	0.019	
8/31/2022	0.018	
2/28/2023		0.02
8/3/2023		0.017
3/4/2024		0.018
8/8/2024		0.018

Prediction Limit

Constituent: Vanadium, Total (mg/L) Analysis Run 9/11/2024 6:15 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49	GWA-49
12/21/2010	0.016	
2/14/2011	0.016	
3/21/2011	0.018	
4/26/2011	0.018	
10/26/2011	0.018	
5/2/2012	0.021	
11/8/2012	0.019	
5/8/2013	0.02	
11/5/2013	0.018	
5/23/2014	0.018	
11/7/2014	0.018	
5/21/2015	0.02	
11/12/2015	0.016	
4/7/2016	0.0182	
10/11/2016	0.023	
4/7/2017	0.02	
10/10/2017	0.016	
3/22/2018	0.018	
10/3/2018	0.018	
3/27/2019	0.021	
9/12/2019	0.02	
3/19/2020	0.02	
9/10/2020	0.018	
4/6/2021	0.021	
8/12/2021	0.02	
2/14/2022	0.02	
8/30/2022	0.019	
3/1/2023		0.019
8/3/2023		0.019
3/4/2024		0.018
8/9/2024		0.019

Prediction Limit

Constituent: Vanadium, Total (mg/L) Analysis Run 9/11/2024 6:15 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-29
12/22/2010	0.0037 (J)	
2/15/2011	0.0043 (J)	
3/22/2011	0.0039 (J)	
4/27/2011	0.0035 (J)	
10/26/2011	0.0047 (J)	
5/2/2012	0.0064 (J)	
11/8/2012	0.0051 (J)	
5/8/2013	0.0046 (J)	
11/4/2013	0.0039 (J)	
5/24/2014	0.0053 (J)	
11/7/2014	0.0034 (J)	
5/22/2015	0.0068 (J)	
11/13/2015	0.0044 (J)	
4/11/2016	0.00381 (J)	
10/11/2016	<0.0053	
4/10/2017	0.0038	
10/10/2017	0.0053	
3/26/2018	0.0037	
10/4/2018	<0.0053 (X)	
3/28/2019	0.0079	
9/12/2019	0.0054	
3/19/2020	0.0044	
9/10/2020	0.0049	
4/6/2021	0.0045	
8/13/2021	0.0061	
2/14/2022	0.0047	
8/31/2022	0.0055	
3/1/2023		0.0051
8/3/2023		0.005
3/4/2024		0.0045
8/8/2024		0.0047

Prediction Limit

Constituent: Vanadium, Total (mg/L) Analysis Run 9/11/2024 6:15 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-50	GWC-50
12/22/2010	<0.001	
2/15/2011	<0.001	
3/22/2011	0.0034 (J)	
4/27/2011	0.0032 (J)	
10/26/2011	<0.001	
5/2/2012	0.0039 (J)	
11/8/2012	0.0034 (J)	
5/8/2013	<0.001	
11/4/2013	0.0035 (J)	
5/24/2014	0.0036 (J)	
11/8/2014	<0.001	
5/22/2015	0.0044 (J)	
11/13/2015	<0.001	
4/11/2016	0.00254 (J)	
10/11/2016	<0.001	
4/7/2017	0.0024 (J)	
10/10/2017	<0.001	
3/23/2018	0.0023 (J)	
10/4/2018	<0.001 (X)	
3/28/2019	0.0053	
9/12/2019	0.0028	
3/19/2020	0.0027	
9/10/2020	0.0026	
4/6/2021	0.0026	
8/13/2021	0.0093	
2/14/2022	0.0042	
8/31/2022	0.0031	
3/1/2023		<0.001
8/3/2023		0.0029
3/4/2024		0.0025
8/8/2024		0.0021

Prediction Limit

Constituent: Vanadium, Total (mg/L) Analysis Run 9/11/2024 6:15 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-51	GWC-51
12/22/2010	0.0027 (J)	
2/15/2011	0.0036 (J)	
3/22/2011	<0.0066	
4/27/2011	0.0046 (J)	
10/26/2011	<0.0066	
5/2/2012	0.0055 (J)	
11/8/2012	0.0042 (J)	
5/8/2013	0.0046 (J)	
11/4/2013	0.0042 (J)	
5/24/2014	0.0061 (J)	
11/7/2014	0.0032 (J)	
5/22/2015	0.0056 (J)	
11/13/2015	<0.0066	
4/11/2016	0.00415 (J)	
10/13/2016	<0.0066	
4/10/2017	0.0043	
10/11/2017	0.0052	
3/26/2018	0.004	
10/4/2018	<0.0066 (X)	
3/27/2019	0.0087	
9/12/2019	0.0047	
3/19/2020	0.0046	
9/11/2020	0.0042	
4/5/2021	0.0059	
8/13/2021	0.0072	
2/15/2022	0.0049	
8/31/2022	0.0038	
2/28/2023		0.0052
8/3/2023		0.0041
3/4/2024		0.0041
8/8/2024		0.0039

Prediction Limit

Constituent: Vanadium, Total (mg/L) Analysis Run 9/11/2024 6:15 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-52	GWC-52
12/21/2010	<0.01	
2/15/2011	0.0098 (J)	
3/21/2011	0.012	
4/28/2011	0.011	
10/26/2011	0.012	
5/1/2012	0.011	
11/9/2012	0.011	
5/8/2013	<0.01	
11/4/2013	0.011	
5/24/2014	0.012	
11/7/2014	0.01	
5/22/2015	0.013	
11/13/2015	0.014	
4/11/2016	0.0107	
10/13/2016	0.011	
4/11/2017	0.011	
10/11/2017	0.012	
3/26/2018	0.0096	
10/4/2018	0.013	
3/28/2019	0.01	
9/12/2019	0.011	
3/19/2020	0.01	
9/11/2020	0.0099	
4/5/2021	0.011	
8/17/2021	0.011	
2/14/2022	0.011	
8/31/2022	0.01	
3/1/2023		0.011
8/3/2023		0.0088
3/4/2024		0.0098
8/8/2024		0.009

Prediction Limit

Constituent: Vanadium, Total (mg/L) Analysis Run 9/11/2024 6:15 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-53	GWC-53
12/20/2010	<0.002	
2/14/2011	<0.002	
3/21/2011	<0.002	
4/27/2011	<0.002	
10/26/2011	<0.002	
5/1/2012	0.0032 (J)	
11/9/2012	<0.002	
5/8/2013	<0.002	
11/4/2013	<0.002	
5/24/2014	<0.002	
11/7/2014	<0.002	
5/20/2015	0.0065	
11/13/2015	<0.002	
4/8/2016	0.0136 (O)	
10/13/2016	<0.002	
4/11/2017	<0.002	
10/11/2017	0.0019 (J)	
3/26/2018	<0.002	
10/4/2018	<0.002 (X)	
3/28/2019	0.0041	
9/12/2019	<0.002	
3/19/2020	<0.002	
9/11/2020	<0.002	
4/6/2021	<0.002	
8/13/2021	0.0016	
2/14/2022	0.0014	
8/31/2022	0.00095 (J)	
2/28/2023		0.0023
8/3/2023		<0.002
3/4/2024		0.00066 (J)
8/8/2024		<0.002

Prediction Limit

Constituent: Zinc, Total (mg/L) Analysis Run 9/11/2024 6:15 PM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21	GWA-21
12/22/2010	<0.005	
2/14/2011	<0.005	
3/22/2011	<0.005	
4/26/2011	<0.005	
10/27/2011	<0.005	
5/1/2012	<0.005	
11/8/2012	<0.005	
5/7/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/8/2014	<0.005	
5/21/2015	<0.005	
11/13/2015	<0.005	
4/6/2016	<0.005	
10/11/2016	<0.005	
4/10/2017	<0.005	
10/9/2017	<0.005	
3/26/2018	<0.005	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	0.0046 (J)	
3/19/2020	<0.005	
9/10/2020	0.0048 (J)	
4/2/2021	<0.005	
8/12/2021	<0.005	
2/14/2022	<0.005	
8/26/2022	<0.005	
2/28/2023		<0.005
8/2/2023		<0.005
2/29/2024		<0.005
8/6/2024		<0.005

Prediction Limit

Constituent: Zinc, Total (mg/L) Analysis Run 9/11/2024 6:15 PM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-22	GWA-22
12/22/2010	<0.005	
2/14/2011	<0.005	
3/22/2011	<0.005	
4/26/2011	<0.005	
10/27/2011	<0.005	
5/1/2012	<0.005	
11/8/2012	<0.005	
5/7/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/8/2014	<0.005	
5/21/2015	<0.005	
11/13/2015	0.039 (O)	
10/11/2016	<0.005	
4/7/2017	<0.005	
10/9/2017	<0.005	
3/26/2018	<0.005 (D)	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	0.0085	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/2/2021	<0.005	
8/12/2021	<0.005	
2/15/2022	0.003 (J)	
8/26/2022	<0.005	
2/28/2023		<0.005
8/3/2023		<0.005
3/4/2024		0.0059
8/8/2024		<0.005

Prediction Limit

Constituent: Zinc, Total (mg/L) Analysis Run 9/11/2024 6:15 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-45	GWA-45
12/20/2010	<0.005	
2/14/2011	<0.005	
3/21/2011	<0.005	
4/26/2011	<0.005	
10/26/2011	<0.005	
5/1/2012	<0.005	
11/8/2012	<0.005	
5/8/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/7/2014	<0.005	
5/20/2015	<0.005	
11/13/2015	<0.005	
4/7/2016	0.00345 (J)	
10/10/2016	<0.005	
4/7/2017	<0.005	
10/10/2017	<0.005	
3/22/2018	<0.005 (D)	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	0.0095	
3/19/2020	0.0037 (J)	
9/11/2020	0.0098	
4/2/2021	0.0058	
8/12/2021	0.006	
2/14/2022	0.003 (J)	
8/31/2022	0.0051	
2/28/2023		0.0062 (J)
8/3/2023		0.0051
3/4/2024		0.0035 (J)
8/8/2024		0.0046 (J)

Prediction Limit

Constituent: Zinc, Total (mg/L) Analysis Run 9/11/2024 6:15 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-46	GWA-46
12/20/2010	<0.005	
2/1/2011	<0.005	
3/21/2011	<0.005	
4/26/2011	<0.005	
10/27/2011	<0.005	
5/2/2012	<0.005	
11/8/2012	0.013 (O)	
5/7/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/7/2014	<0.005	
5/20/2015	<0.005	
11/13/2015	<0.005	
4/7/2016	0.00265 (J)	
10/10/2016	<0.005	
4/7/2017	<0.005	
10/10/2017	0.0096 (J)	
3/23/2018	<0.005	
10/4/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	0.0091	
3/19/2020	0.0035 (J)	
9/11/2020	0.0038 (J)	
4/5/2021	0.0049 (J)	
8/12/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	0.0032 (J)	
2/28/2023		<0.005
8/3/2023		0.0037 (J)
3/4/2024		<0.005
8/8/2024		0.003 (J)

Prediction Limit

Constituent: Zinc, Total (mg/L) Analysis Run 9/11/2024 6:15 PM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47	GWA-47
12/20/2010	<0.005	
2/1/2011	<0.005	
3/23/2011	<0.005	
4/27/2011	<0.005	
10/26/2011	<0.005	
5/1/2012	<0.005	
11/8/2012	<0.005	
5/7/2013	0.0087	
11/5/2013	<0.005	
5/23/2014	0.014 (O)	
11/7/2014	<0.005	
5/21/2015	<0.005	
11/12/2015	<0.005	
10/11/2016	<0.005	
4/7/2017	<0.005	
10/10/2017	<0.005	
3/22/2018	<0.005	
10/5/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	0.0049 (J)	
3/20/2020	<0.005	
9/11/2020	<0.005	
4/5/2021	<0.005	
8/13/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	<0.005	
2/28/2023		<0.005
8/3/2023		<0.005
3/4/2024		<0.005
8/8/2024		<0.005

Prediction Limit

Constituent: Zinc, Total (mg/L) Analysis Run 9/11/2024 6:15 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48	GWA-48
12/21/2010	<0.005	
2/14/2011	<0.005	
3/23/2011	<0.005	
4/27/2011	<0.005	
10/25/2011	<0.005	
5/1/2012	<0.005	
11/8/2012	<0.005	
5/7/2013	<0.005	
11/5/2013	<0.005	
5/23/2014	<0.005	
11/7/2014	<0.005	
5/21/2015	<0.005	
11/12/2015	<0.005	
4/7/2016	0.00287 (J)	
10/14/2016	<0.005	
4/7/2017	<0.005	
10/10/2017	<0.005	
3/23/2018	<0.005	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	0.0048 (J)	
3/19/2020	<0.005	
9/11/2020	<0.005	
4/5/2021	<0.005	
8/12/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	0.0039 (J)	
2/28/2023		<0.005
8/3/2023		<0.005
3/4/2024		<0.005
8/8/2024		<0.005

Prediction Limit

Constituent: Zinc, Total (mg/L) Analysis Run 9/11/2024 6:15 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49	GWA-49
12/21/2010	<0.005	
2/14/2011	<0.005	
3/21/2011	<0.005	
4/26/2011	<0.005	
10/26/2011	<0.005	
5/2/2012	<0.005	
11/8/2012	<0.005	
5/8/2013	<0.005	
11/5/2013	<0.005	
5/23/2014	<0.005	
11/7/2014	<0.005	
5/21/2015	<0.005	
11/12/2015	<0.005	
4/7/2016	0.00208 (J)	
10/11/2016	<0.005	
4/7/2017	<0.005	
10/10/2017	<0.005	
3/22/2018	<0.005	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	0.0041 (J)	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/6/2021	<0.005	
8/12/2021	<0.005	
2/14/2022	<0.005	
8/30/2022	<0.005	
3/1/2023		<0.005
8/3/2023		<0.005
3/4/2024		<0.005
8/9/2024		<0.005

Prediction Limit

Constituent: Zinc, Total (mg/L) Analysis Run 9/11/2024 6:15 PM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-29
12/22/2010	<0.005	
2/15/2011	<0.005	
3/22/2011	<0.005	
4/27/2011	<0.005	
10/26/2011	<0.005	
5/2/2012	<0.005	
11/8/2012	<0.005	
5/8/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/7/2014	<0.005	
5/22/2015	<0.005	
11/13/2015	<0.005	
4/11/2016	<0.005	
10/11/2016	<0.005	
4/10/2017	<0.005	
10/10/2017	<0.005	
3/26/2018	<0.005	
10/4/2018	<0.005	
3/28/2019	<0.005	
9/12/2019	0.0058	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/6/2021	<0.005	
8/13/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	<0.005	
3/1/2023		<0.005
8/3/2023		<0.005
3/4/2024		<0.005
8/8/2024		<0.005

Prediction Limit

Constituent: Zinc, Total (mg/L) Analysis Run 9/11/2024 6:15 PM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-50	GWC-50
12/22/2010	<0.005	
2/15/2011	<0.005	
3/22/2011	<0.005	
4/27/2011	<0.005	
10/26/2011	<0.005	
5/2/2012	<0.005	
11/8/2012	<0.005	
5/8/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/8/2014	<0.005	
5/22/2015	<0.005	
11/13/2015	<0.005	
4/11/2016	<0.005	
10/11/2016	<0.005	
4/7/2017	<0.005	
10/10/2017	<0.005	
3/23/2018	<0.005	
10/4/2018	0.0076	
3/28/2019	<0.005	
9/12/2019	0.0057	
3/19/2020	0.0037 (J)	
9/10/2020	<0.005	
4/6/2021	<0.005	
8/13/2021	0.0053	
2/14/2022	<0.005	
8/31/2022	<0.005	
3/1/2023		0.016
5/2/2023		<0.005 (R)
8/3/2023		0.0033 (J)
3/4/2024		<0.005
8/8/2024		<0.005

Prediction Limit

Constituent: Zinc, Total (mg/L) Analysis Run 9/11/2024 6:15 PM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-51	GWC-51
12/22/2010	<0.005	
2/15/2011	<0.005	
3/22/2011	<0.005	
4/27/2011	<0.005	
10/26/2011	<0.005	
5/2/2012	<0.005	
11/8/2012	<0.005	
5/8/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/7/2014	<0.005	
5/22/2015	<0.005	
11/13/2015	<0.005	
4/11/2016	0.00333 (J)	
10/13/2016	<0.005	
4/10/2017	<0.005	
10/11/2017	<0.005	
3/26/2018	<0.005	
10/4/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	0.0042 (J)	
3/19/2020	<0.005	
9/11/2020	<0.005	
4/5/2021	<0.005	
8/13/2021	<0.005	
2/15/2022	<0.005	
8/31/2022	<0.005	
2/28/2023		<0.005
8/3/2023		0.0035 (J)
3/4/2024		<0.005
8/8/2024		<0.005

Prediction Limit

Constituent: Zinc, Total (mg/L) Analysis Run 9/11/2024 6:15 PM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-52	GWC-52
12/21/2010	<0.005	
2/15/2011	<0.005	
3/21/2011	<0.005	
4/28/2011	<0.005	
10/26/2011	<0.005	
5/1/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/7/2014	<0.005	
5/22/2015	<0.005	
11/13/2015	<0.005	
4/11/2016	<0.005	
10/13/2016	<0.005	
4/11/2017	0.0065 (J)	
10/11/2017	<0.005	
3/26/2018	<0.005	
10/4/2018	<0.005	
3/28/2019	<0.005	
9/12/2019	0.0073	
3/19/2020	<0.005	
9/11/2020	<0.005	
4/5/2021	<0.005	
8/17/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	<0.005	
3/1/2023		<0.005
8/3/2023		<0.005
3/4/2024		<0.005
8/8/2024		<0.005

Prediction Limit

Constituent: Zinc, Total (mg/L) Analysis Run 9/11/2024 6:15 PM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-53	GWC-53
12/20/2010	0.0095 (J)	
2/14/2011	0.0092 (J)	
3/21/2011	0.011 (J)	
4/27/2011	0.0096 (J)	
10/26/2011	0.011 (J)	
5/1/2012	0.012 (J)	
11/9/2012	0.014 (J)	
5/8/2013	0.016 (J)	
11/4/2013	0.014 (J)	
5/24/2014	0.013 (J)	
11/7/2014	0.014 (J)	
5/20/2015	0.015 (J)	
11/13/2015	0.015 (J)	
10/13/2016	0.015 (J)	
4/11/2017	0.015 (J)	
10/11/2017	0.019 (J)	
3/26/2018	0.016 (J)	
10/4/2018	0.017 (J)	
3/28/2019	0.013 (J)	
9/12/2019	0.02	
3/19/2020	0.014	
9/11/2020	0.014	
4/6/2021	0.014	
8/13/2021	0.017	
2/14/2022	0.014	
8/31/2022	0.015	
2/28/2023		0.014 (J)
8/3/2023		0.015
3/4/2024		0.013
8/8/2024		0.015

FIGURE E.

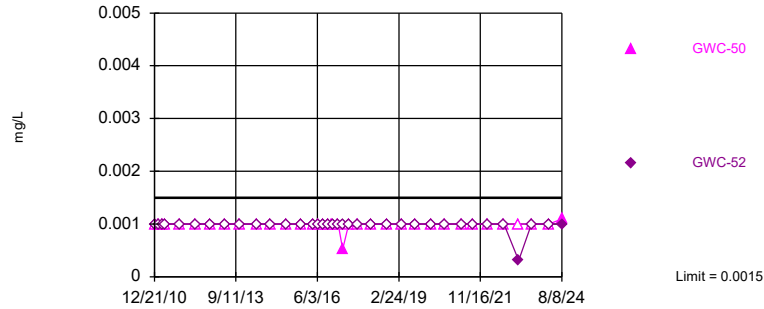
Appendix I Interwell Prediction Limits - Two-Step - All Results (No Significant)

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 9/24/2024, 2:37 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Arsenic, Total (mg/L)	GWC-50	0.0015	n/a	8/8/2024	0.0011	No	250	n/a	n/a	96	n/a	n/a	0.0000492	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-52	0.0015	n/a	8/8/2024	0.001	No	250	n/a	n/a	96	n/a	n/a	0.0000492	NP Inter (NDs) 1 of 2
Barium, Total (mg/L)	GWC-52	0.091	n/a	8/8/2024	0.029	No	243	n/a	n/a	0	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Chromium, Total (mg/L)	GWC-52	0.045	n/a	8/8/2024	0.033	No	250	n/a	n/a	17.6	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2

Sanitas™ v.10.0.22 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Interwell Non-parametric

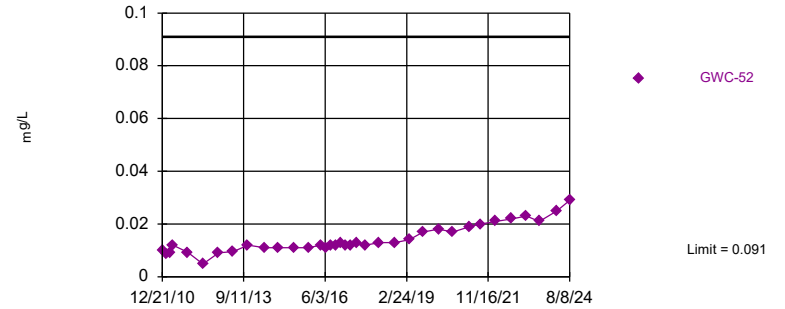


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 250 background values. 96% NDs. Annual per-constituent alpha = 0.0004919. Individual comparison alpha = 0.0000492 (1 of 2). Comparing 2 points to limit. Assumes 3 future values.

Constituent: Arsenic, Total Analysis Run 9/24/2024 2:36 PM View: Appendix I - Interwell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.22 . UG
 Within Limit

Prediction Limit
 Interwell Non-parametric

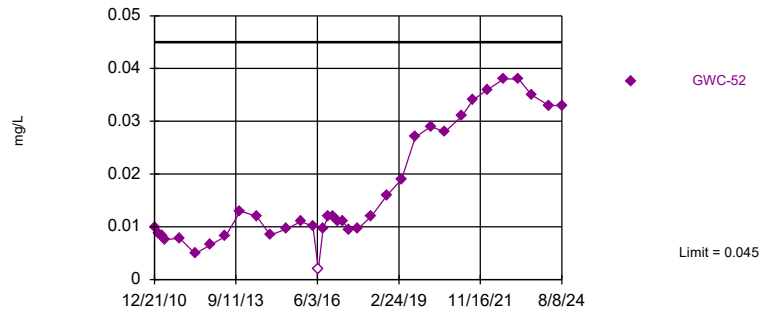


Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 243 background values. Annual per-constituent alpha = 0.0004919. Individual comparison alpha = 0.0000492 (1 of 2). Assumes 4 future values.

Constituent: Barium, Total Analysis Run 9/24/2024 2:36 PM View: Appendix I - Interwell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.22 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 250 background values. 17.6% NDs. Annual per-constituent alpha = 0.0004919. Individual comparison alpha = 0.0000492 (1 of 2). Assumes 4 future values.

Constituent: Chromium, Total Analysis Run 9/24/2024 2:36 PM View: Appendix I - Interwell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Prediction Limit

Constituent: Arsenic, Total (mg/L) Analysis Run 9/24/2024 2:37 PM View: Appendix I - Interwell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47 (bg)	GWA-46 (bg)	GWA-45 (bg)	GWA-48 (bg)	GWA-49 (bg)	GWC-52	GWC-50	GWA-22 (bg)	GWA-21 (bg)
12/20/2010	<0.001	<0.001	<0.001						
12/21/2010				<0.001	<0.001	<0.001			
12/22/2010							<0.001	<0.001	<0.001
2/1/2011	<0.001	<0.001							
2/14/2011			<0.001	<0.001	<0.001			<0.001	<0.001
2/15/2011						<0.001	<0.001		
3/21/2011		<0.001	<0.001		<0.001	<0.001			
3/22/2011							<0.001	<0.001	<0.001
3/23/2011	<0.001			<0.001					
4/26/2011		<0.001	<0.001		<0.001			<0.001	<0.001
4/27/2011	<0.001			<0.001			<0.001		
4/28/2011						<0.001			
10/25/2011				<0.001					
10/26/2011	<0.001		<0.001		<0.001	<0.001	<0.001		
10/27/2011		<0.001						<0.001	<0.001
5/1/2012	<0.001		<0.001	<0.001		<0.001		<0.001	<0.001
5/2/2012		<0.001			<0.001		<0.001		
11/8/2012	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
11/9/2012						<0.001			
5/7/2013	<0.001	<0.001		<0.001				<0.001	<0.001
5/8/2013			<0.001		<0.001	<0.001	<0.001		
11/4/2013		<0.001	<0.001			<0.001	<0.001	<0.001	<0.001
11/5/2013	<0.001			<0.001	<0.001				
5/23/2014	<0.001			<0.001	<0.001				
5/24/2014		<0.001	<0.001			<0.001	<0.001	<0.001	<0.001
11/7/2014	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			
11/8/2014							<0.001	<0.001	<0.001
5/20/2015		<0.001	<0.001						
5/21/2015	<0.001			<0.001	<0.001			<0.001	<0.001
5/22/2015						<0.001	<0.001		
11/12/2015	<0.001			<0.001	<0.001				
11/13/2015		<0.001	<0.001			<0.001	<0.001	<0.001	<0.001
4/6/2016									<0.001
4/7/2016		<0.001	<0.001	<0.001	<0.001				
4/11/2016						<0.001	<0.001		
6/14/2016	<0.001	<0.001	<0.001		<0.001			<0.001	<0.001
6/15/2016							<0.001		
6/16/2016						<0.001			
6/17/2016				<0.001					
8/9/2016	<0.001	<0.001	<0.001		0.00053			<0.001	
8/10/2016				<0.001			<0.001		<0.001
8/11/2016						<0.001			
10/10/2016		<0.001	<0.001						
10/11/2016	<0.001				<0.001		<0.001	<0.001	<0.001
10/13/2016						<0.001			
10/14/2016				<0.001					
12/2/2016		<0.001	<0.001		<0.001		<0.001		<0.001
12/5/2016	<0.001					<0.001		<0.001	
12/19/2016				<0.001					
2/9/2017			<0.001		<0.001				
2/10/2017	<0.001	<0.001						<0.001	<0.001
2/13/2017				<0.001		<0.001	<0.001		

Prediction Limit

Constituent: Arsenic, Total (mg/L) Analysis Run 9/24/2024 2:37 PM View: Appendix I - Interwell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47 (bg)	GWA-46 (bg)	GWA-45 (bg)	GWA-48 (bg)	GWA-49 (bg)	GWC-52	GWC-50	GWA-22 (bg)	GWA-21 (bg)
4/7/2017	<0.001	<0.001	<0.001	<0.001	<0.001		0.00052	<0.001	
4/10/2017									<0.001
4/11/2017						<0.001			
6/22/2017	<0.001		<0.001	<0.001	<0.001		<0.001		
6/23/2017		<0.001							<0.001
6/24/2017						<0.001			
6/26/2017								<0.001	
10/9/2017								<0.001	<0.001
10/10/2017	<0.001	<0.001	0.0015	<0.001	<0.001		<0.001		
10/11/2017						<0.001			
3/22/2018	<0.001		<0.001 (D)		<0.001				
3/23/2018		<0.001		<0.001			<0.001		
3/26/2018						<0.001		<0.001 (D)	<0.001
10/3/2018			<0.001	<0.001	<0.001			<0.001	<0.001
10/4/2018		<0.001				<0.001	<0.001		
10/5/2018	<0.001								
3/27/2019	<0.001	<0.001	<0.001	<0.001	<0.001			<0.001	<0.001
3/28/2019						<0.001	<0.001		
9/12/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
3/19/2020		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
3/20/2020	<0.001								
9/10/2020					<0.001		<0.001	<0.001	<0.001
9/11/2020	<0.001	<0.001	<0.001	<0.001		<0.001			
4/2/2021			<0.001					<0.001	<0.001
4/5/2021	<0.001	<0.001		0.00031 (J)		<0.001			
4/6/2021					<0.001		<0.001		
8/12/2021		<0.001	<0.001	<0.001	<0.001			<0.001	<0.001
8/13/2021	<0.001						<0.001		
8/17/2021						<0.001			
2/14/2022	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001
2/15/2022								<0.001	
8/26/2022								<0.001	<0.001
8/30/2022					<0.001				
8/31/2022	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001		
2/28/2023	<0.001	<0.001	0.00035 (J)	<0.001				<0.001	<0.001
3/1/2023					<0.001	0.00031 (J)	<0.001		
8/2/2023									<0.001
8/3/2023	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
2/29/2024									<0.001
3/4/2024	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
8/6/2024									<0.001
8/8/2024	0.0011	0.0013	0.0011	0.00089 (J)		0.001	0.0011	0.00088 (J)	
8/9/2024					0.0011				

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 9/24/2024 2:37 PM View: Appendix I - Interwell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47 (bg)	GWA-46 (bg)	GWA-45 (bg)	GWC-52	GWA-49 (bg)	GWA-21 (bg)	GWA-22 (bg)	GWA-48 (bg)
12/20/2010	0.029 (J)	0.019 (J)	0.024 (J)					
12/21/2010				0.01 (J)	0.021 (J)			0.055 (O)
12/22/2010						0.026 (J)	0.028 (J)	
2/1/2011	0.038 (J)	0.017 (J)						
2/14/2011			0.023 (J)		0.021 (J)	0.022 (J)	0.025 (J)	0.05 (O)
2/15/2011				0.0086 (J)				
3/21/2011		0.019 (J)	0.021 (J)	0.009 (J)	0.021 (J)			
3/22/2011						0.02 (J)	0.029 (J)	
3/23/2011	0.045 (J)							0.031 (J)
4/26/2011		0.02 (J)	0.019 (J)		0.021 (J)	0.019 (J)	0.031 (J)	
4/27/2011	0.043 (J)							0.015 (J)
4/28/2011				0.012 (J)				
10/25/2011								0.02
10/26/2011	0.023		0.023	0.0093 (J)	0.019			
10/27/2011		0.018				0.021	0.027	
5/1/2012	0.021		0.014	0.0048 (J)		0.017	0.022	0.017
5/2/2012		0.017			0.018			
11/8/2012	0.038	0.048 (O)	0.034		0.018	0.023	0.024	0.012
11/9/2012				0.0091 (J)				
5/7/2013	0.042	0.02				0.021	0.027	0.022
5/8/2013			0.016	0.0096 (J)	0.017			
11/4/2013		0.019	0.014	0.012		0.018	0.024	
11/5/2013	0.039				0.019			0.012
5/23/2014	0.088 (O)				0.021			0.02
5/24/2014		0.019	0.027	0.011		0.022	0.025	
11/7/2014	0.027	0.019	0.03	0.011	0.019			0.012
11/8/2014						0.02	0.023	
5/20/2015		0.018	0.029					
5/21/2015	0.036				0.02	0.022	0.023	0.011
5/22/2015				0.011				
11/12/2015	0.038				0.019			0.012
11/13/2015		0.02	0.041	0.011		0.025	0.023	
4/6/2016						0.0239		
4/7/2016		0.0207	0.0381		0.0201			0.0116
4/8/2016	0.0261						0.0244	
4/11/2016				0.012				
6/14/2016	0.023	0.019	0.034		0.017	0.021	0.023	
6/16/2016				0.011				
6/17/2016								0.012
8/9/2016	0.026	0.017	0.032		0.017		0.026	
8/10/2016						0.019		0.012
8/11/2016				0.012				
10/10/2016		0.02	0.037					
10/11/2016	0.03				0.02	0.02	0.022	
10/13/2016				0.012				
10/14/2016								0.016
12/2/2016		0.02	0.038		0.02	0.022		
12/5/2016	0.026			0.013			0.025	
12/19/2016								0.012
2/9/2017			0.048		0.018			
2/10/2017	0.023	0.018				0.03	0.026	
2/13/2017				0.012				0.017

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 9/24/2024 2:37 PM View: Appendix I - Interwell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47 (bg)	GWA-46 (bg)	GWA-45 (bg)	GWC-52	GWA-49 (bg)	GWA-21 (bg)	GWA-22 (bg)	GWA-48 (bg)
4/7/2017	0.024	0.02	0.045		0.018		0.021	0.011
4/10/2017						0.025		
4/11/2017				0.012				
6/22/2017	0.025		0.049		0.02			0.014
6/23/2017		0.021				0.026		
6/24/2017				0.013				
6/26/2017							0.028	
10/9/2017						0.025	0.021	
10/10/2017	0.022	0.018	0.044		0.02			0.012
10/11/2017				0.012				
3/22/2018	0.024		0.0495 (D)		0.018			
3/23/2018		0.02						0.012
3/26/2018				0.013		0.026	0.022 (D)	
10/3/2018			0.042		0.018	0.00049 (O)	0.022	0.012
10/4/2018		0.019		0.013				
10/5/2018	0.026							
3/27/2019	0.026	0.021	0.057		0.019	0.024	0.022	0.013
3/28/2019				0.014				
9/12/2019	0.028	0.022	0.1 (L)	0.017	0.022	0.025	0.023	0.016
12/2/2019			0.11 (RL)					
3/19/2020		0.023	0.11 (L)	0.018	0.02	0.027	0.024	0.02
3/20/2020	0.029							
9/10/2020					0.02	0.023	0.022	
9/11/2020	0.026	0.022	0.15 (L)	0.017				0.013
4/2/2021			0.11 (L)			0.02	0.023	
4/5/2021	0.028	0.022		0.019				0.015
4/6/2021					0.02			
8/12/2021		0.023	0.091		0.024	0.023	0.024	0.013
8/13/2021	0.026							
8/17/2021				0.02				
2/14/2022	0.029	0.024	0.077	0.021	0.022	0.024		0.014
2/15/2022							0.032	
8/26/2022						0.026	0.021	
8/30/2022					0.021			
8/31/2022	0.031	0.022	0.065	0.022				0.016
2/28/2023	0.027	0.022	0.056			0.022	0.02	0.014
3/1/2023				0.023	0.019			
8/2/2023						0.018		
8/3/2023	0.027	0.021	0.055	0.021	0.02		0.018	0.013
2/29/2024						0.021		
3/4/2024	0.032	0.022	0.057	0.025	0.019		0.022	0.015
8/6/2024						0.019		
8/8/2024	0.038	0.024	0.048	0.029			0.023	0.015
8/9/2024					0.021			

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 9/24/2024 2:37 PM View: Appendix I - Interwell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47 (bg)	GWA-46 (bg)	GWA-45 (bg)	GWC-52	GWA-49 (bg)	GWA-48 (bg)	GWA-22 (bg)	GWA-21 (bg)
12/20/2010	0.0064	0.0036 (J)	<0.002					
12/21/2010				0.01	0.0073	0.0094		
12/22/2010							0.0029 (J)	0.0052
2/1/2011	0.015	0.0037 (J)						
2/14/2011			<0.002		0.0051	0.028	0.0027 (J)	0.0057
2/15/2011				0.0087				
3/21/2011		0.004 (J)	<0.002	0.0083	0.0067			
3/22/2011							0.0049 (J)	0.0055
3/23/2011	0.0084					0.0042 (J)		
4/26/2011		0.0037 (J)	<0.002		0.0065		0.0048 (J)	0.0069
4/27/2011	0.011					<0.002		
4/28/2011				0.0076				
10/25/2011						0.0062		
10/26/2011	0.0061		<0.002	0.0078	0.0068			
10/27/2011		0.0047 (J)					0.0023 (J)	0.011
5/1/2012	0.0072		<0.002	0.0049 (J)		0.011	0.0051	0.0056
5/2/2012		0.005 (J)			0.011			
11/8/2012	0.015	0.0081	<0.002		0.0052	0.0089	0.0034 (J)	<0.002
11/9/2012				0.0066				
5/7/2013	0.044	0.0035 (J)				0.019	0.0078	0.0036 (J)
5/8/2013			<0.002	0.0082	0.0059			
11/4/2013		0.0056 (J)	<0.002	0.013			0.0055 (J)	0.0032 (J)
11/5/2013	0.023				0.0044 (J)	0.0057 (J)		
5/23/2014	0.022				0.0087 (J)	0.0084 (J)		
5/24/2014		0.005 (J)	<0.002	0.012			0.0075 (J)	0.0043 (J)
11/7/2014	0.013	0.004 (J)	<0.002	0.0084 (J)	0.0048 (J)	0.011		
11/8/2014							0.0048 (J)	<0.002
5/20/2015		0.0062 (J)	0.0025 (O)					
5/21/2015	0.029				0.006 (J)	0.013	0.0082 (J)	0.002 (J)
5/22/2015				0.0096 (J)				
11/12/2015	0.045				0.007 (J)	0.015		
11/13/2015		0.0067 (J)	0.0042 (O)	0.011			0.0079 (J)	<0.002
4/6/2016								0.00278 (J)
4/7/2016		0.00467 (J)	<0.002		0.0056 (J)	0.00498 (J)		
4/8/2016	<0.002						<0.002	
4/11/2016				0.0101				
6/14/2016	<0.002	<0.002	<0.002		<0.002		<0.002	<0.002
6/16/2016				<0.002				
6/17/2016						<0.002		
8/9/2016	0.008	0.0041	<0.002		0.0053		0.0079	
8/10/2016						0.0047		0.0019 (J)
8/11/2016				0.0097				
10/10/2016		0.0041	<0.002					
10/11/2016	0.0079				0.0058		0.0069	0.0024 (J)
10/13/2016				0.012				
10/14/2016						0.0056		
12/2/2016		0.0039	<0.002		0.0071			0.0023 (J)
12/5/2016	0.0057			0.012			0.0077	
12/19/2016						0.0039		
2/9/2017			<0.002		0.0051			
2/10/2017	0.0062	0.0044					0.0098	0.0021 (J)
2/13/2017				0.011		0.0059		

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 9/24/2024 2:37 PM View: Appendix I - Interwell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47 (bg)	GWA-46 (bg)	GWA-45 (bg)	GWC-52	GWA-49 (bg)	GWA-48 (bg)	GWA-22 (bg)	GWA-21 (bg)
4/7/2017	0.0072	0.0046	<0.002		0.006	0.0051	0.0081	
4/10/2017								0.002 (J)
4/11/2017				0.011				
6/22/2017	0.0074		<0.002		0.0056	0.005		
6/23/2017		0.005						0.0018 (J)
6/24/2017				0.0095				
6/26/2017							0.0084	
10/9/2017							0.0082	0.0016 (J)
10/10/2017	0.0072	0.0088	<0.002		0.0073	0.005		
10/11/2017				0.0096				
3/22/2018	0.0074		<0.002 (D)		0.0051			
3/23/2018		0.0045				0.005		
3/26/2018				0.012			0.0088	0.0011 (J)
10/3/2018			<0.002		0.0052	0.0051	0.0086	0.0014 (J)
10/4/2018		0.0047		0.016				
10/5/2018	0.0083							
3/27/2019	0.0081	0.0048	<0.002		0.0056	0.0051	0.0078	0.003
3/28/2019				0.019				
9/12/2019	0.0088	0.0051	<0.002	0.027	0.0075	0.0085	0.0092	0.0047
3/19/2020		0.0043	<0.002	0.029	0.0055	0.0063	0.011	0.0026
3/20/2020	0.0085							
9/10/2020					0.0063		0.0077	0.0019 (J)
9/11/2020	0.0081	0.0042	<0.002	0.028		0.0053		
4/2/2021			<0.002				0.01	0.0029
4/5/2021	0.0084	0.0041		0.031		0.0061		
4/6/2021					0.0055			
8/12/2021		0.0045	<0.002		0.0096	0.0058	0.008	0.0016 (J)
8/13/2021	0.0082							
8/17/2021				0.034				
2/14/2022	0.0086	0.0047	<0.002	0.036	0.0076	0.0058		0.0026
2/15/2022							0.013	
8/26/2022							0.0078	0.0016 (J)
8/30/2022					0.0064			
8/31/2022	0.0084	0.0048	<0.002	0.038		0.0059		
2/28/2023	0.0084	0.0047	<0.002			0.0058	0.01	0.0024
3/1/2023				0.038	0.0057			
8/2/2023								0.0028
8/3/2023	0.0092	0.0053	0.0012 (J)	0.035	0.0065	0.0056	0.0089	
2/29/2024								0.0021
3/4/2024	0.01	0.0048	0.0016 (J)	0.033	0.006	0.0063	0.011	
8/6/2024								0.0021
8/8/2024	0.012	0.006	<0.002	0.033		0.0061	0.013	
8/9/2024					0.0059			

FIGURE F.

Appendix I Trend Tests Summary - Significant Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 9/12/2024, 9:16 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Barium, Total (mg/L)	GWA-22 (bg)	-0.0003669	-237	-191	Yes	36	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWA-45 (bg)	0.003509	345	161	Yes	32	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWA-46 (bg)	0.000367	332	184	Yes	35	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWC-52	0.001131	520	191	Yes	36	0	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-21 (bg)	-0.0002965	-310	-191	Yes	36	11.11	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-22 (bg)	0.0005319	411	191	Yes	36	5.556	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWC-52	0.002254	420	191	Yes	36	2.778	n/a	n/a	0.01	NP

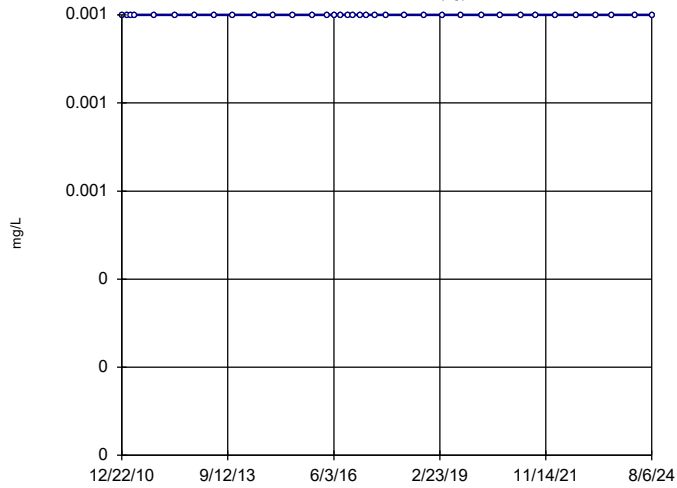
Appendix I Trend Tests Summary - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 9/12/2024, 9:17 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Arsenic, Total (mg/L)	GWA-21 (bg)	0	0	191	No	36	100	n/a	n/a	0.01	NP
Arsenic, Total (mg/L)	GWA-22 (bg)	0	-34	-184	No	35	97.14	n/a	n/a	0.01	NP
Arsenic, Total (mg/L)	GWA-45 (bg)	0	12	191	No	36	91.67	n/a	n/a	0.01	NP
Arsenic, Total (mg/L)	GWA-46 (bg)	0	35	191	No	36	97.22	n/a	n/a	0.01	NP
Arsenic, Total (mg/L)	GWA-47 (bg)	0	34	184	No	35	97.14	n/a	n/a	0.01	NP
Arsenic, Total (mg/L)	GWA-48 (bg)	0	-55	-191	No	36	94.44	n/a	n/a	0.01	NP
Arsenic, Total (mg/L)	GWA-49 (bg)	0	39	191	No	36	94.44	n/a	n/a	0.01	NP
Arsenic, Total (mg/L)	GWC-50	0	31	191	No	36	94.44	n/a	n/a	0.01	NP
Arsenic, Total (mg/L)	GWC-52	0	-29	-191	No	36	94.44	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWA-21 (bg)	0.0001556	77	184	No	35	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWA-22 (bg)	-0.0003669	-237	-191	Yes	36	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWA-45 (bg)	0.003509	345	161	Yes	32	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWA-46 (bg)	0.000367	332	184	Yes	35	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWA-47 (bg)	-0.0001145	-45	-184	No	35	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWA-48 (bg)	0	13	176	No	34	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWA-49 (bg)	0	57	191	No	36	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWC-52	0.001131	520	191	Yes	36	0	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-21 (bg)	-0.0002965	-310	-191	Yes	36	11.11	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-22 (bg)	0.0005319	411	191	Yes	36	5.556	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-45 (bg)	0	-59	-176	No	34	94.12	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-46 (bg)	0.00005564	131	191	No	36	2.778	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-47 (bg)	0.00007733	55	191	No	36	5.556	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-48 (bg)	-0.00004317	-45	-191	No	36	5.556	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-49 (bg)	0.00002676	32	191	No	36	2.778	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWC-52	0.002254	420	191	Yes	36	2.778	n/a	n/a	0.01	NP

Sen's Slope Estimator

GWA-21 (bg)

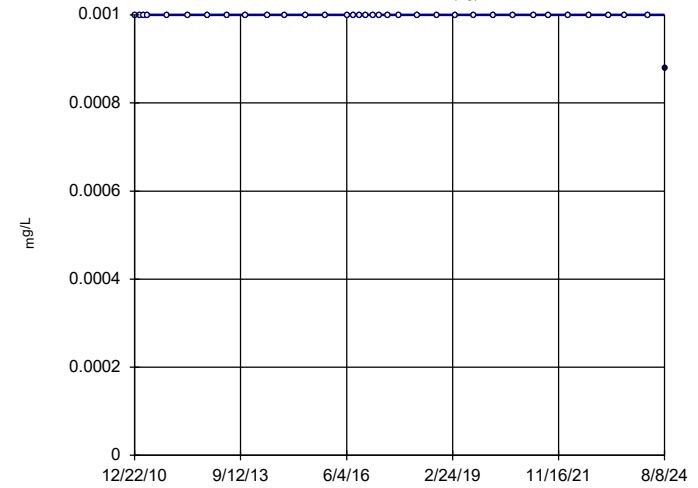


n = 36
Slope = 0
units per year.
Mann-Kendall
statistic = 0
critical = 191
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Arsenic, Total Analysis Run 9/12/2024 9:15 AM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-22 (bg)

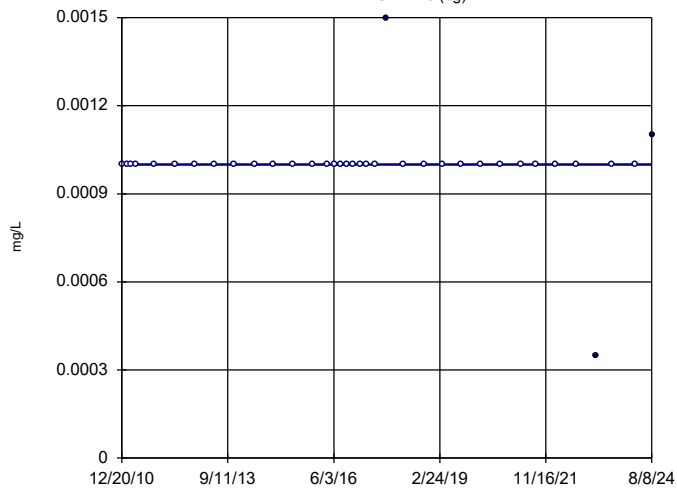


n = 35
Slope = 0
units per year.
Mann-Kendall
statistic = -34
critical = -184
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Arsenic, Total Analysis Run 9/12/2024 9:15 AM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-45 (bg)

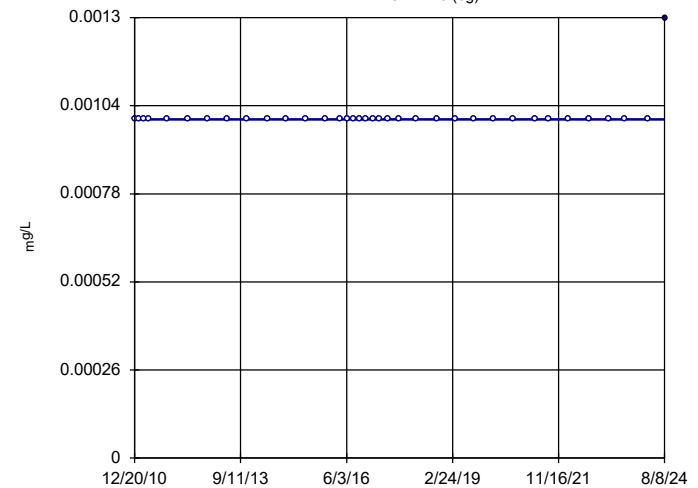


n = 36
Slope = 0
units per year.
Mann-Kendall
statistic = 12
critical = 191
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Arsenic, Total Analysis Run 9/12/2024 9:15 AM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-46 (bg)

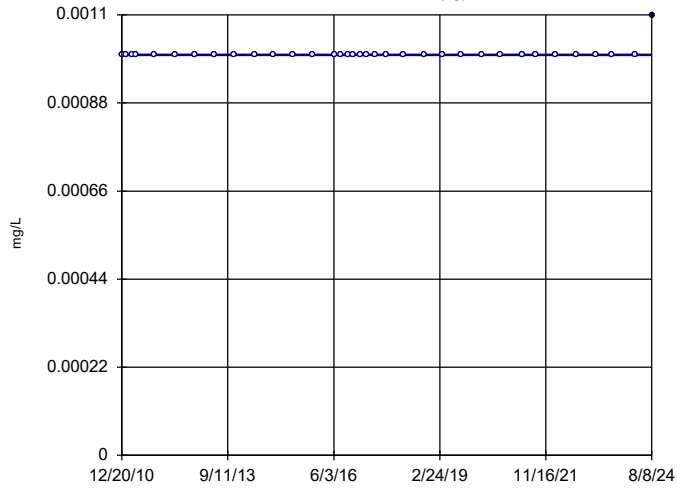


n = 36
Slope = 0
units per year.
Mann-Kendall
statistic = 35
critical = 191
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Arsenic, Total Analysis Run 9/12/2024 9:15 AM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-47 (bg)

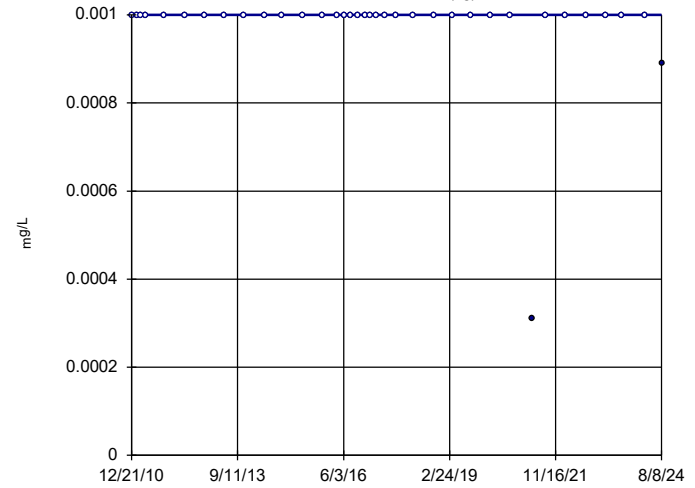


n = 35
Slope = 0
units per year.
Mann-Kendall
statistic = 34
critical = 184
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Arsenic, Total Analysis Run 9/12/2024 9:15 AM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-48 (bg)

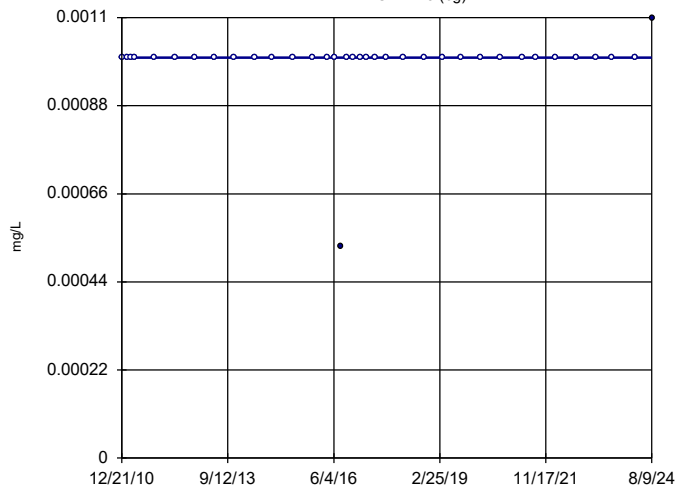


n = 36
Slope = 0
units per year.
Mann-Kendall
statistic = -55
critical = -191
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Arsenic, Total Analysis Run 9/12/2024 9:15 AM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-49 (bg)

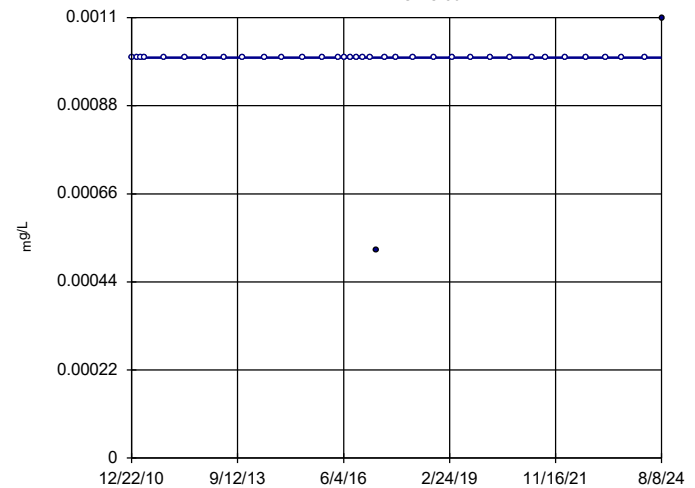


n = 36
Slope = 0
units per year.
Mann-Kendall
statistic = 39
critical = 191
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Arsenic, Total Analysis Run 9/12/2024 9:15 AM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWC-50

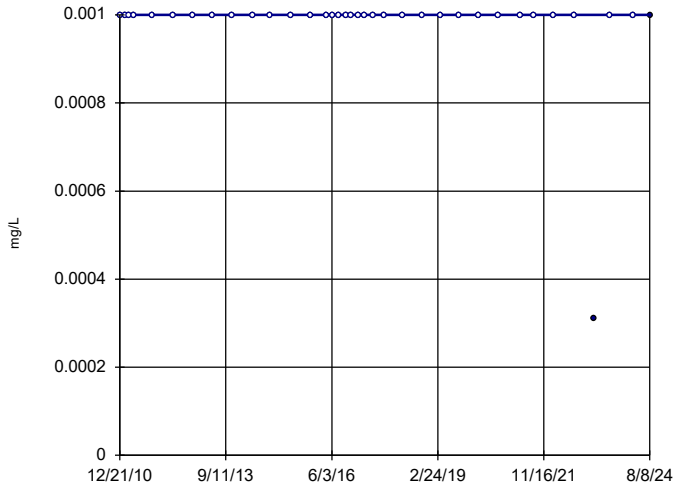


n = 36
Slope = 0
units per year.
Mann-Kendall
statistic = 31
critical = 191
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Arsenic, Total Analysis Run 9/12/2024 9:15 AM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWC-52

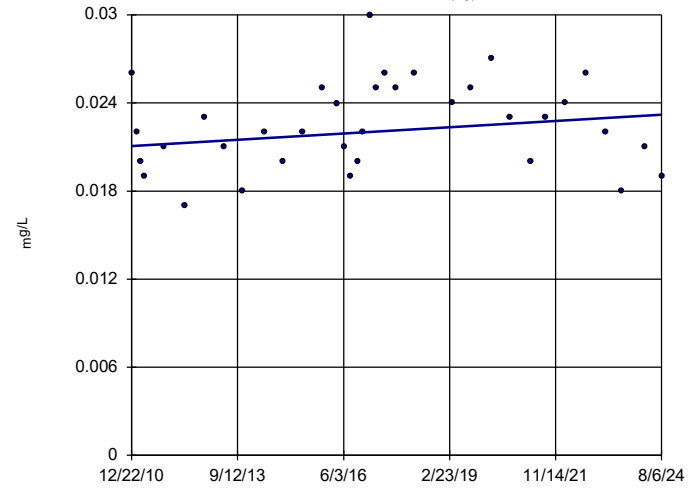


n = 36
Slope = 0
units per year.
Mann-Kendall
statistic = -29
critical = -191
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Arsenic, Total Analysis Run 9/12/2024 9:15 AM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-21 (bg)

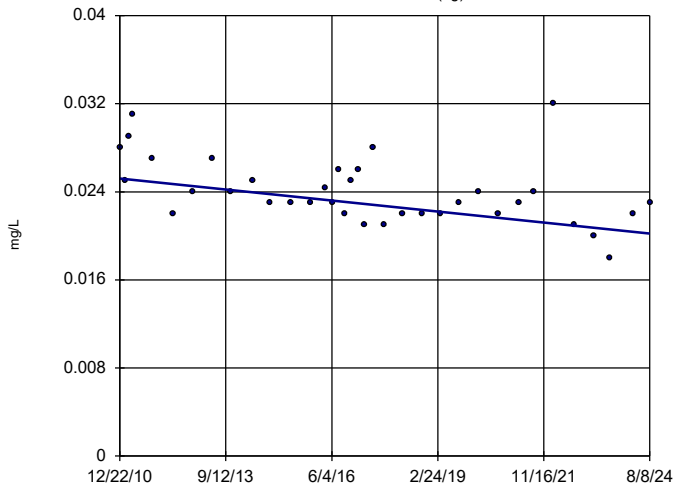


n = 35
Slope = 0.0001556
units per year.
Mann-Kendall
statistic = 77
critical = 184
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Barium, Total Analysis Run 9/12/2024 9:15 AM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-22 (bg)

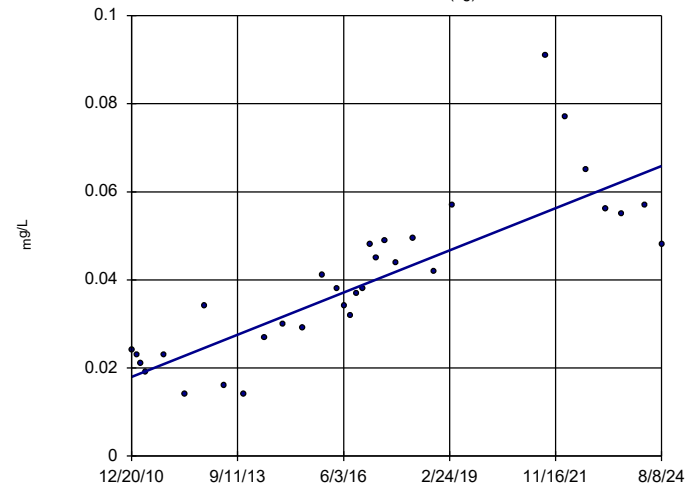


n = 36
Slope = -0.0003669
units per year.
Mann-Kendall
statistic = -237
critical = -191
Decreasing trend
significant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Barium, Total Analysis Run 9/12/2024 9:15 AM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-45 (bg)

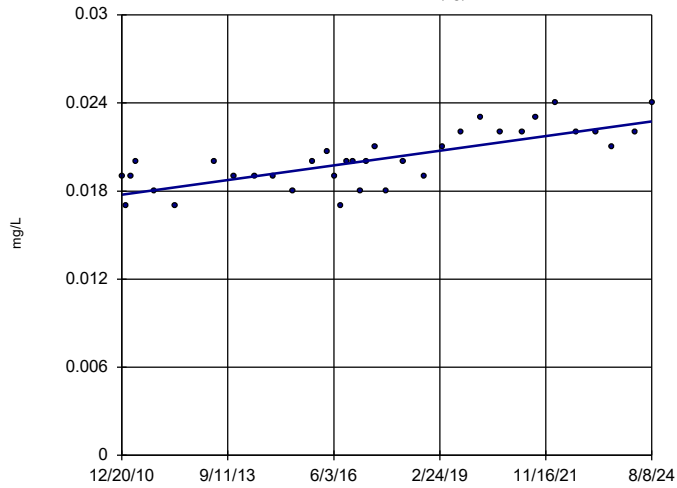


n = 32
Slope = 0.003509
units per year.
Mann-Kendall
statistic = 345
critical = 161
Increasing trend
significant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Barium, Total Analysis Run 9/12/2024 9:15 AM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-46 (bg)

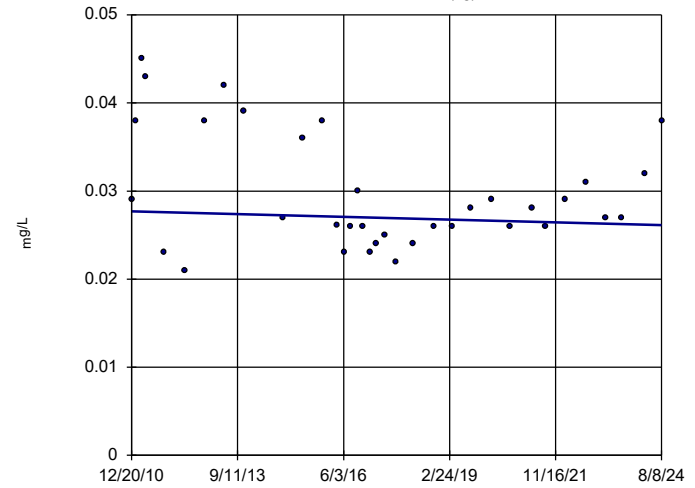


n = 35
 Slope = 0.000367
 units per year.
 Mann-Kendall
 statistic = 332
 critical = 184
 Increasing trend
 significant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Barium, Total Analysis Run 9/12/2024 9:15 AM View: Appendix I - Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-47 (bg)

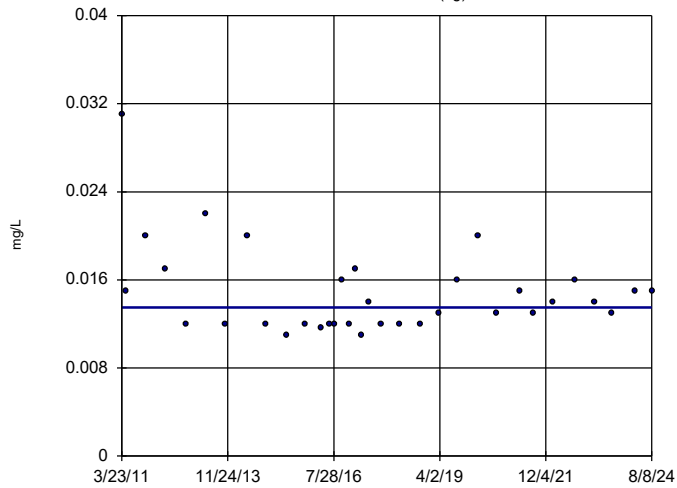


n = 35
 Slope = -0.0001145
 units per year.
 Mann-Kendall
 statistic = -45
 critical = -184
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Barium, Total Analysis Run 9/12/2024 9:15 AM View: Appendix I - Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-48 (bg)

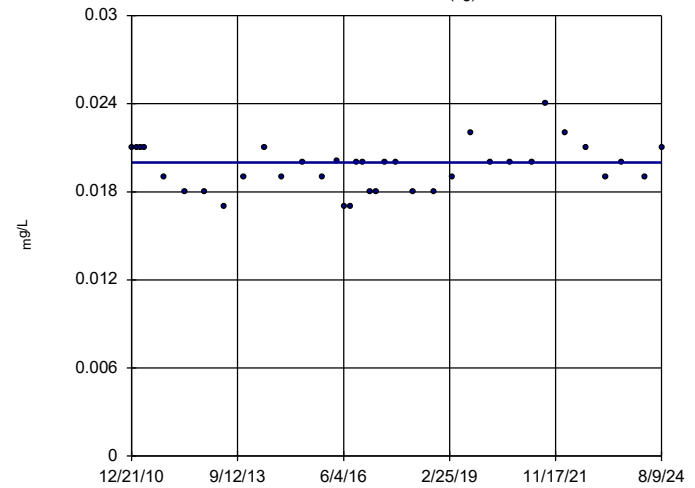


n = 34
 Slope = 0
 units per year.
 Mann-Kendall
 statistic = 13
 critical = 176
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Barium, Total Analysis Run 9/12/2024 9:15 AM View: Appendix I - Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-49 (bg)

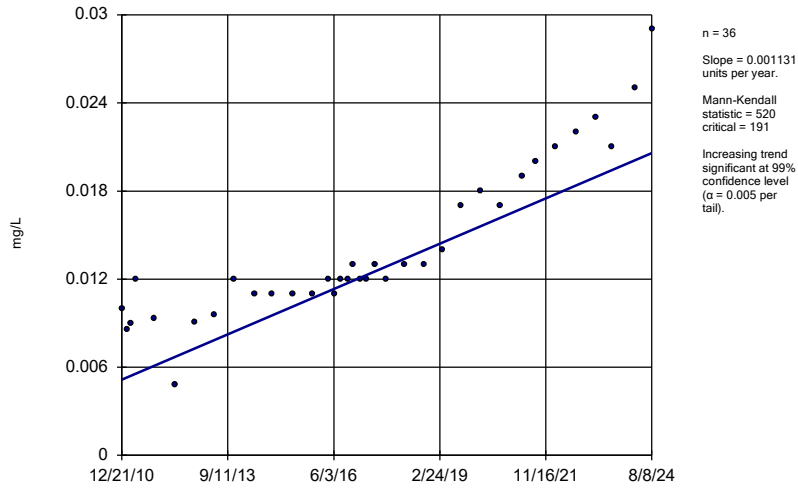


n = 36
 Slope = 0
 units per year.
 Mann-Kendall
 statistic = 57
 critical = 191
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Barium, Total Analysis Run 9/12/2024 9:15 AM View: Appendix I - Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWC-52

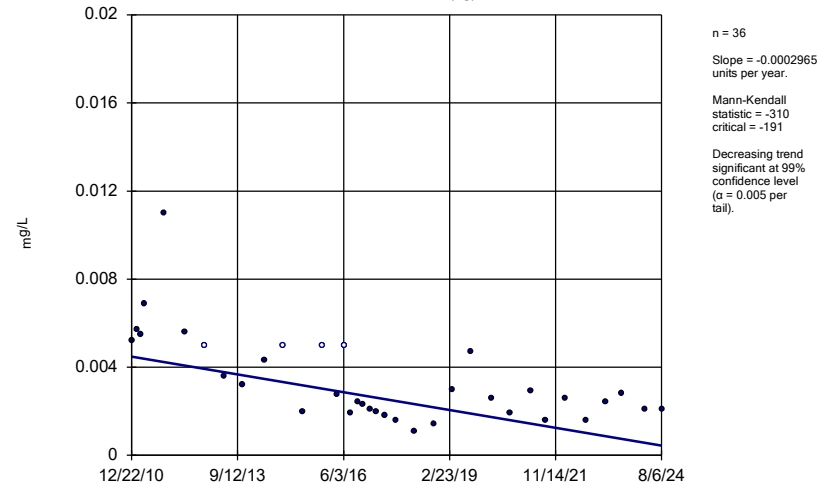


Constituent: Barium, Total Analysis Run 9/12/2024 9:15 AM View: Appendix I - Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-21 (bg)

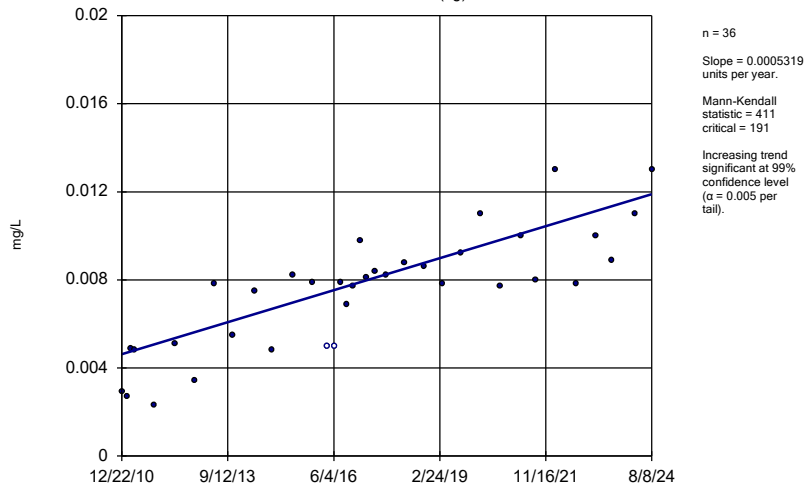


Constituent: Chromium, Total Analysis Run 9/12/2024 9:15 AM View: Appendix I - Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-22 (bg)

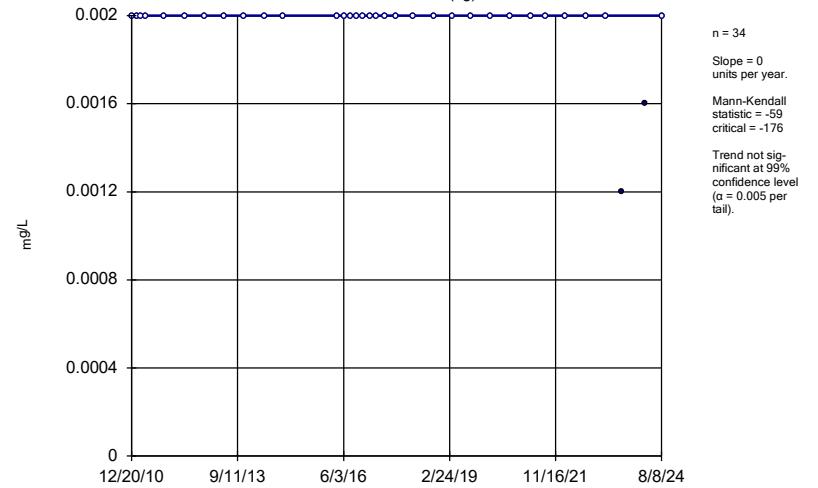


Constituent: Chromium, Total Analysis Run 9/12/2024 9:15 AM View: Appendix I - Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Hollow symbols indicate censored values.

Sen's Slope Estimator

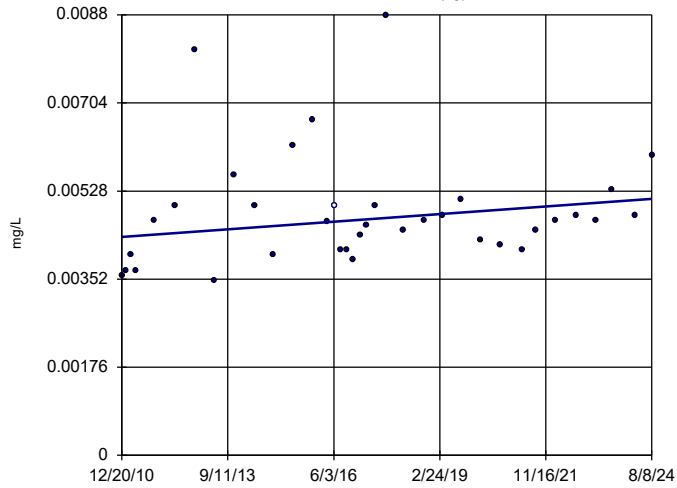
GWA-45 (bg)



Constituent: Chromium, Total Analysis Run 9/12/2024 9:15 AM View: Appendix I - Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-46 (bg)

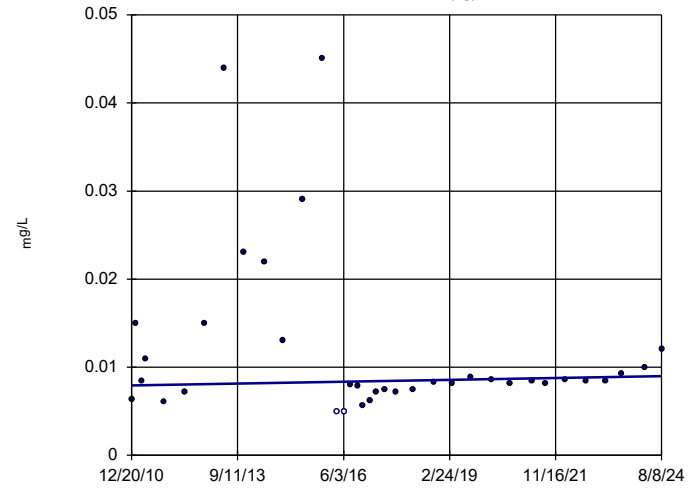


n = 36
Slope = 0.00005564
units per year.
Mann-Kendall
statistic = 131
critical = 191
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Chromium, Total Analysis Run 9/12/2024 9:15 AM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-47 (bg)

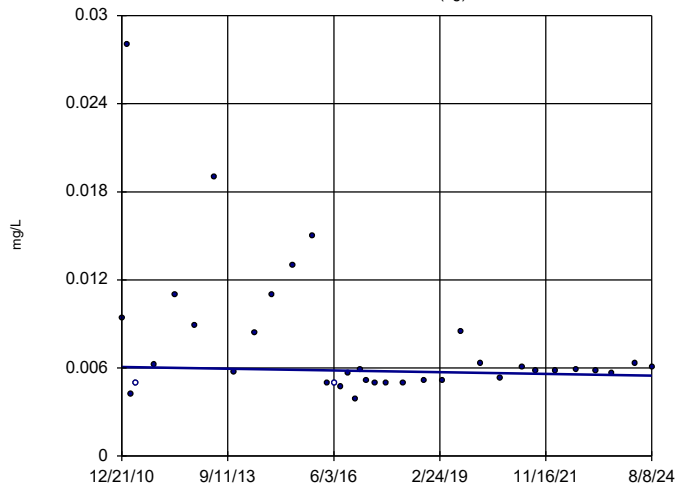


n = 36
Slope = 0.00007733
units per year.
Mann-Kendall
statistic = 55
critical = 191
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Chromium, Total Analysis Run 9/12/2024 9:15 AM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-48 (bg)

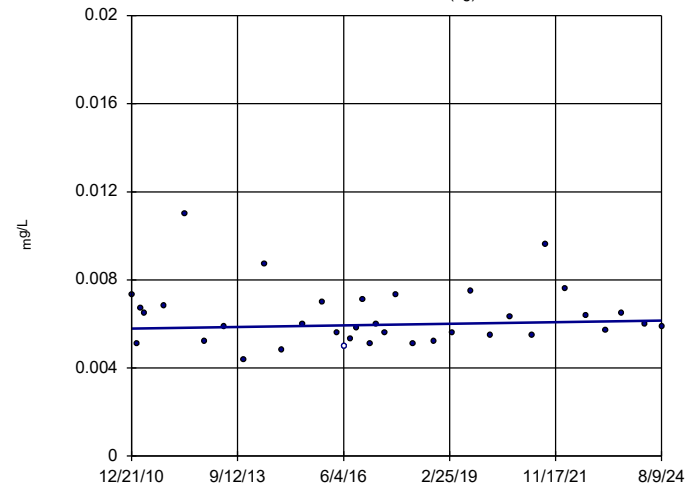


n = 36
Slope = -0.00004317
units per year.
Mann-Kendall
statistic = -45
critical = -191
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Chromium, Total Analysis Run 9/12/2024 9:15 AM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-49 (bg)

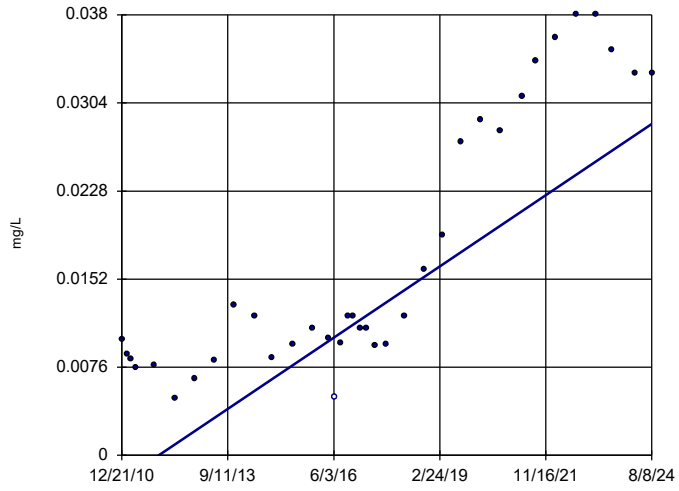


n = 36
Slope = 0.00002676
units per year.
Mann-Kendall
statistic = 32
critical = 191
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Chromium, Total Analysis Run 9/12/2024 9:15 AM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWC-52



n = 36
Slope = 0.002254
units per year.
Mann-Kendall
statistic = 420
critical = 191
Increasing trend
significant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Chromium, Total Analysis Run 9/12/2024 9:15 AM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

FIGURE G.

Appendix III - Intrawell Prediction Limits - Significant Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 9/23/2024, 12:23 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	GWC-53	1.09	n/a	8/8/2024	1.2	Yes	19	0.946	0.06939	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWA-47	13	n/a	8/8/2024	17	Yes	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality) 1 of 2
Calcium (mg/L)	GWC-29	17	n/a	8/8/2024	19	Yes	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality) 1 of 2
Calcium (mg/L)	GWC-51	7.914	n/a	8/8/2024	9	Yes	19	6.811	0.5301	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWC-52	22.55	n/a	8/8/2024	30	Yes	19	15.64	3.322	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWC-53	20.32	n/a	8/8/2024	22	Yes	19	298.6	54.84	0	None	x^2	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWA-45	13	n/a	8/8/2024	27	Yes	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality) 1 of 2
Chloride (mg/L)	GWC-53	13	n/a	8/8/2024	29	Yes	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality) 1 of 2
pH (S.U.)	GWA-45	6.48	5.92	8/8/2024	5.9	Yes	23	n/a	n/a	0	n/a	n/a	0.006831	NP Intra (normality) 1 of 2
Sulfate (mg/L)	GWA-45	190.4	n/a	8/8/2024	300	Yes	19	151.4	18.71	0	None	No	0.001504	Param Intra 1 of 2
Sulfate (mg/L)	GWC-51	2.7	n/a	8/8/2024	2.8	Yes	19	n/a	n/a	52.63	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-52	26.35	n/a	8/8/2024	41	Yes	11	12.57	5.74	9.091	None	No	0.001504	Param Intra 1 of 2
Sulfate (mg/L)	GWC-53	170	n/a	8/8/2024	340	Yes	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWC-52	203.8	n/a	8/8/2024	210	Yes	19	137.1	32.07	0	None	No	0.001504	Param Intra 1 of 2

Appendix III - Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 9/23/2024, 12:23 PM

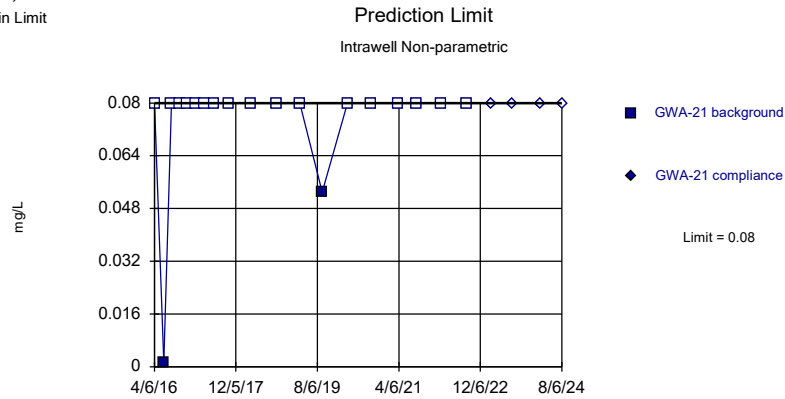
Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	GWA-21	0.08	n/a	8/6/2024	0.08ND	No	19	n/a	n/a	89.47	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-22	0.08	n/a	8/8/2024	0.08ND	No	19	n/a	n/a	100	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-45	1.35	n/a	8/8/2024	1.2	No	10	0.932	0.1688	0	None	No	0.001504	Param Intra 1 of 2
Boron (mg/L)	GWA-46	0.08	n/a	8/8/2024	0.08ND	No	19	n/a	n/a	100	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-47	0.08	n/a	8/8/2024	0.08ND	No	19	n/a	n/a	94.74	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-48	0.08	n/a	8/8/2024	0.08ND	No	19	n/a	n/a	94.74	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-49	0.08	n/a	8/9/2024	0.022J	No	19	n/a	n/a	100	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-29	0.08	n/a	8/8/2024	0.08ND	No	19	n/a	n/a	94.74	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-50	0.08	n/a	8/8/2024	0.08ND	No	19	n/a	n/a	100	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-51	0.08	n/a	8/8/2024	0.08ND	No	19	n/a	n/a	100	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-52	0.08	n/a	8/8/2024	0.023J	No	19	n/a	n/a	100	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-53	1.09	n/a	8/8/2024	1.2	Yes	19	0.946	0.06939	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWA-21	11.24	n/a	8/6/2024	6	No	19	8.656	1.24	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWA-22	10.02	n/a	8/8/2024	7.8	No	19	7.211	1.352	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWA-45	47.22	n/a	8/8/2024	20	No	19	34.49	6.119	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWA-46	7.062	n/a	8/8/2024	6.9	No	19	5.804	0.6047	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWA-47	13	n/a	8/8/2024	17	Yes	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality) 1 of 2
Calcium (mg/L)	GWA-48	14	n/a	8/8/2024	13	No	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality) 1 of 2
Calcium (mg/L)	GWA-49	16	n/a	8/9/2024	16	No	19	n/a	n/a	0	n/a	n/a	0.004832	Param Intra (normality) 1 of 2
Calcium (mg/L)	GWC-29	17	n/a	8/8/2024	19	Yes	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality) 1 of 2
Calcium (mg/L)	GWC-50	8.1	n/a	8/8/2024	7.6	No	19	7.149	0.4569	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWC-51	7.914	n/a	8/8/2024	9	Yes	19	6.811	0.5301	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWC-52	22.55	n/a	8/8/2024	30	Yes	19	15.64	3.322	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWC-53	20.32	n/a	8/8/2024	22	Yes	19	298.6	54.84	0	None	x^2	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWA-21	4.416	n/a	8/6/2024	3.2	No	19	3.412	0.4825	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWA-22	4.767	n/a	8/8/2024	1.9	No	19	1.638	0.2622	0	None	sqrt(x)	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWA-45	13	n/a	8/8/2024	27	Yes	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality) 1 of 2
Chloride (mg/L)	GWA-46	5.759	n/a	8/8/2024	5.5	No	19	3.853	0.9159	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWA-47	1.847	n/a	8/8/2024	1.7	No	19	1.514	0.16	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWA-48	2.016	n/a	8/8/2024	1.8	No	18	1.741	0.1305	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWA-49	2.36	n/a	8/9/2024	2	No	19	2.083	0.1331	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWC-29	4.103	n/a	8/8/2024	3.2	No	18	3.433	0.3181	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWC-50	2.1	n/a	8/8/2024	1.8	No	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality) 1 of 2
Chloride (mg/L)	GWC-51	8.175	n/a	8/8/2024	8	No	18	1.945	0.07427	0	None	ln(x)	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWC-52	8.528	n/a	8/8/2024	4.3J	No	18	7.906	0.296	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWC-53	13	n/a	8/8/2024	29	Yes	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality) 1 of 2
Fluoride (mg/L)	GWA-21	0.1	n/a	8/6/2024	0.1ND	No	19	n/a	n/a	52.63	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-22	0.1	n/a	8/8/2024	0.1ND	No	19	n/a	n/a	57.89	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-45	0.1	n/a	8/8/2024	0.1ND	No	19	n/a	n/a	73.68	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-46	0.11	n/a	8/8/2024	0.1ND	No	19	n/a	n/a	68.42	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-47	0.1	n/a	8/8/2024	0.1ND	No	19	n/a	n/a	63.16	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-48	0.1	n/a	8/8/2024	0.1ND	No	19	n/a	n/a	47.37	n/a	n/a	0.004832	NP Intra (normality) 1 of 2
Fluoride (mg/L)	GWA-49	0.1	n/a	8/9/2024	0.1ND	No	19	n/a	n/a	52.63	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-29	0.1	n/a	8/8/2024	0.1ND	No	19	n/a	n/a	52.63	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-50	0.1	n/a	8/8/2024	0.1ND	No	19	n/a	n/a	63.16	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-51	0.1	n/a	8/8/2024	0.1ND	No	19	n/a	n/a	63.16	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-52	0.1	n/a	8/8/2024	0.1ND	No	19	n/a	n/a	57.89	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-53	0.1	n/a	8/8/2024	0.1ND	No	19	n/a	n/a	84.21	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
pH (S.U.)	GWA-21	6.036	5.599	8/6/2024	5.76	No	21	5.818	0.107	0	None	No	0.000752	Param Intra 1 of 2
pH (S.U.)	GWA-22	6.307	5.548	8/8/2024	5.93	No	22	5.928	0.187	0	None	No	0.000752	Param Intra 1 of 2
pH (S.U.)	GWA-45	6.48	5.92	8/8/2024	5.9	Yes	23	n/a	n/a	0	n/a	n/a	0.006831	NP Intra (normality) 1 of 2
pH (S.U.)	GWA-46	6.83	5.71	8/8/2024	5.77	No	24	n/a	n/a	0	n/a	n/a	0.006247	NP Intra (normality) 1 of 2
pH (S.U.)	GWA-47	6.608	6.308	8/8/2024	6.34	No	26	6.458	0.07553	0	None	No	0.000752	Param Intra 1 of 2
pH (S.U.)	GWA-48	6.966	6.599	8/8/2024	6.72	No	24	6.783	0.09157	0	None	No	0.000752	Param Intra 1 of 2
pH (S.U.)	GWA-49	7.098	6.674	8/9/2024	6.82	No	23	6.886	0.105	0	None	No	0.000752	Param Intra 1 of 2
pH (S.U.)	GWC-29	6.3	5.72	8/8/2024	6.14	No	23	n/a	n/a	0	n/a	n/a	0.006831	NP Intra (normality) 1 of 2
pH (S.U.)	GWC-50	5.959	5.69	8/8/2024	5.74	No	24	5.824	0.06717	0	None	No	0.000752	Param Intra 1 of 2
pH (S.U.)	GWC-51	6.008	5.744	8/8/2024	5.91	No	25	5.876	0.06614	0	None	No	0.000752	Param Intra 1 of 2
pH (S.U.)	GWC-52	6.787	6.53	8/8/2024	6.54	No	25	6.659	0.06463	0	None	No	0.000752	Param Intra 1 of 2
pH (S.U.)	GWC-53	5.752	5.445	8/8/2024	5.58	No	23	5.598	0.07608	0	None	No	0.000752	Param Intra 1 of 2
Sulfate (mg/L)	GWA-21	2.686	n/a	8/6/2024	1.7	No	19	1.398	0.6191	5.263	None	No	0.001504	Param Intra 1 of 2
Sulfate (mg/L)	GWA-22	1	n/a	8/8/2024	1ND	No	19	n/a	n/a	89.47	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-45	190.4	n/a	8/8/2024	300	Yes	19	151.4	18.71	0	None	No	0.001504	Param Intra 1 of 2
Sulfate (mg/L)	GWA-46	1.1	n/a	8/8/2024	1ND	No	19	n/a	n/a	63.16	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-47	1.1	n/a	8/8/2024	1ND	No	19	n/a	n/a	78.95	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-48	1.68	n/a	8/8/2024	0.66J	No	19	1.244	0.2097	0	None	No	0.001504	Param Intra 1 of 2
Sulfate (mg/L)	GWA-49	1	n/a	8/9/2024	1ND	No	19	n/a	n/a	63.16	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-29	3.356	n/a	8/8/2024	1.7	No	19	6.918	2.089	5.263	None	x^2	0.001504	Param Intra 1 of 2

Appendix III - Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 9/23/2024, 12:23 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Sulfate (mg/L)	GWC-50	1	n/a	8/8/2024	1ND	No	19	n/a	n/a	89.47	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-51	2.7	n/a	8/8/2024	2.8	Yes	19	n/a	n/a	52.63	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-52	26.35	n/a	8/8/2024	41	Yes	11	12.57	5.74	9.091	None	No	0.001504	Param Intra 1 of 2
Sulfate (mg/L)	GWC-53	170	n/a	8/8/2024	340	Yes	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWA-21	129	n/a	8/6/2024	87	No	19	88.89	19.28	0	None	No	0.001504	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-22	103	n/a	8/8/2024	73	No	19	68.26	16.69	0	None	No	0.001504	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-45	375.8	n/a	8/8/2024	290	No	19	281.9	45.08	0	None	No	0.001504	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-46	89.61	n/a	8/8/2024	67	No	19	52.66	17.75	5.263	None	No	0.001504	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-47	118.9	n/a	8/8/2024	100	No	19	86.95	15.37	0	None	No	0.001504	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-48	123.1	n/a	8/8/2024	94	No	19	94.05	13.98	0	None	No	0.001504	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-49	129.2	n/a	8/9/2024	110	No	18	108.6	9.793	0	None	No	0.001504	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-29	142.1	n/a	8/8/2024	110	No	19	95.79	22.25	0	None	No	0.001504	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-50	112.5	n/a	8/8/2024	76	No	19	70.21	20.34	0	None	No	0.001504	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-51	106.2	n/a	8/8/2024	84	No	18	77.39	13.68	0	None	No	0.001504	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-52	203.8	n/a	8/8/2024	210	Yes	19	137.1	32.07	0	None	No	0.001504	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-53	326.8	n/a	8/8/2024	290	No	19	258.3	32.93	0	None	No	0.001504	Param Intra 1 of 2

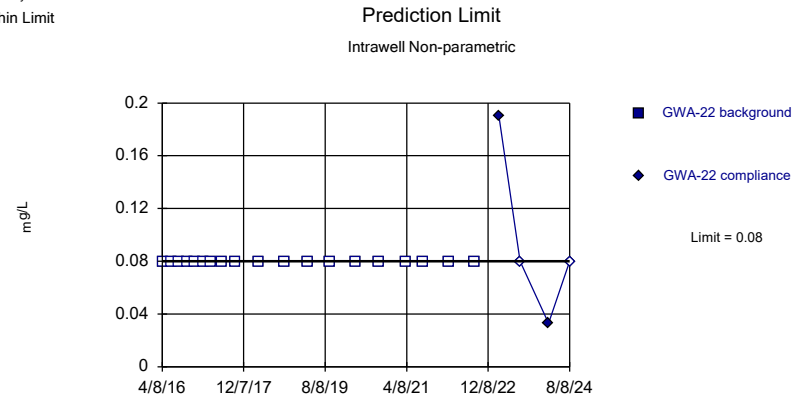
Sanitas™ v.10.0.17a . UG
 Hollow symbols indicate censored values.
 Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 89.47% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Boron Analysis Run 9/23/2024 12:18 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

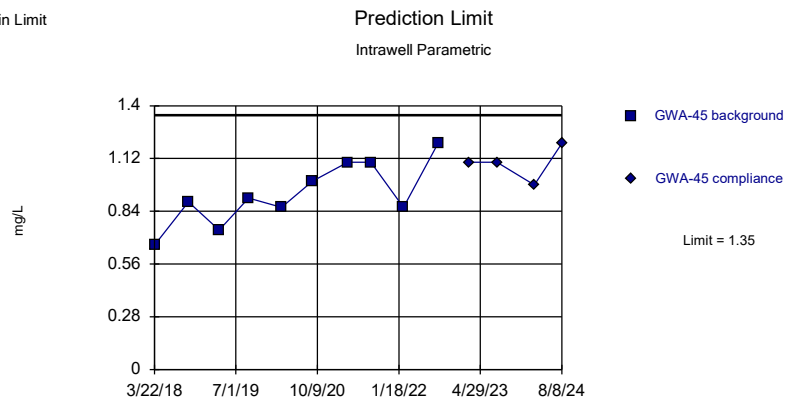
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 Hollow symbols indicate censored values.
 Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 19) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Boron Analysis Run 9/23/2024 12:18 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

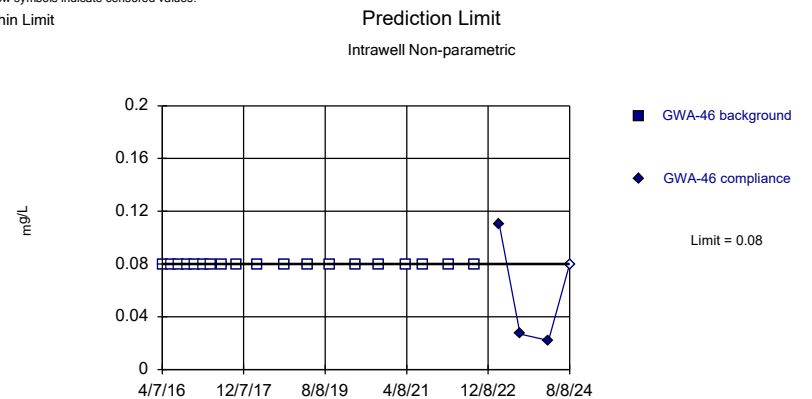
Sanitas™ v.10.0.17a . UG
 Within Limit



Background Data Summary: Mean=0.932, Std. Dev.=0.1688, n=10. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9662, critical = 0.842. Kappa = 2.478 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Boron Analysis Run 9/23/2024 12:18 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
 Hollow symbols indicate censored values.
 Within Limit

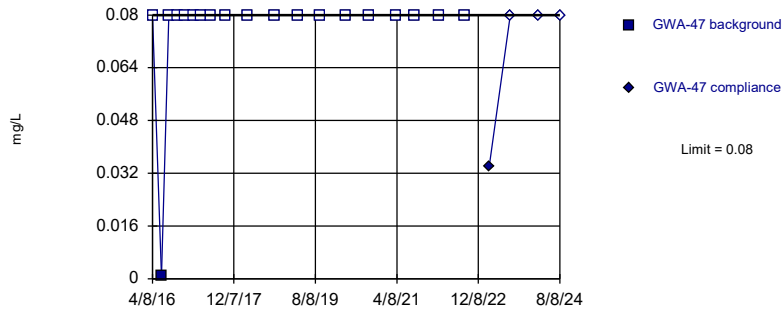


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 19) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Boron Analysis Run 9/23/2024 12:18 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

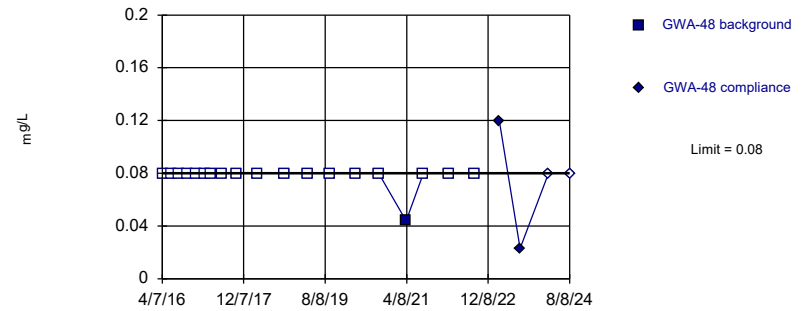


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 94.74% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Boron Analysis Run 9/23/2024 12:18 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

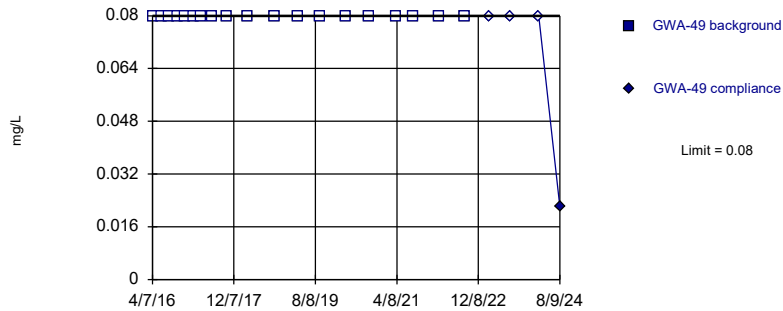


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 94.74% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

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 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

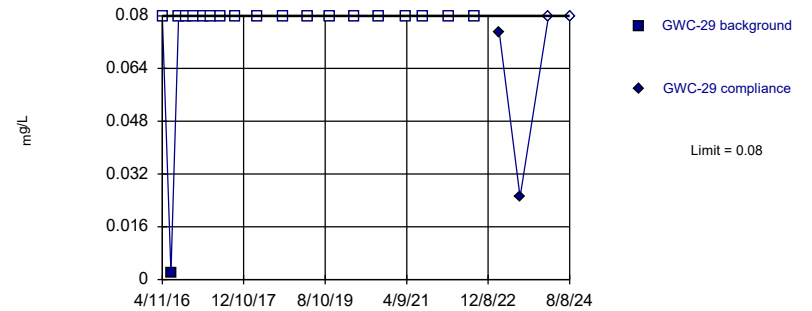


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 19) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

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 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

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 Within Limit

Prediction Limit
 Intrawell Non-parametric

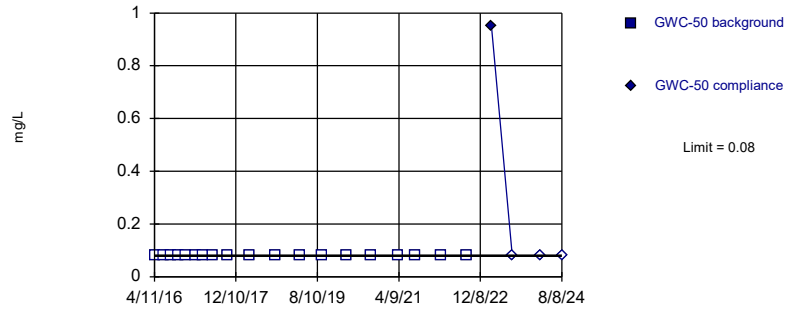


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 94.74% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Boron Analysis Run 9/23/2024 12:18 PM View: Appendix III - Intrawell
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Prediction Limit
 Intrawell Non-parametric

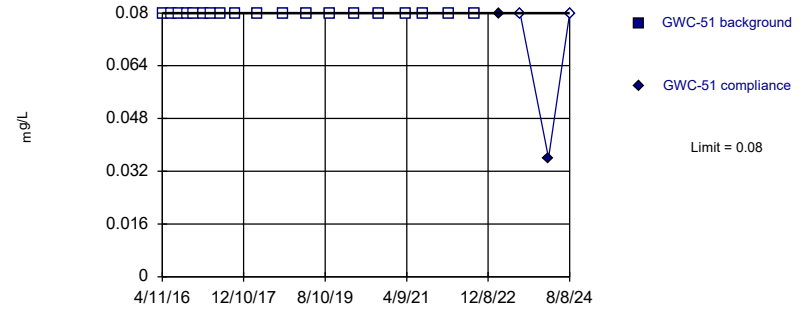


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 19) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Boron Analysis Run 9/23/2024 12:18 PM View: Appendix III - Intrawell
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Prediction Limit
 Intrawell Non-parametric

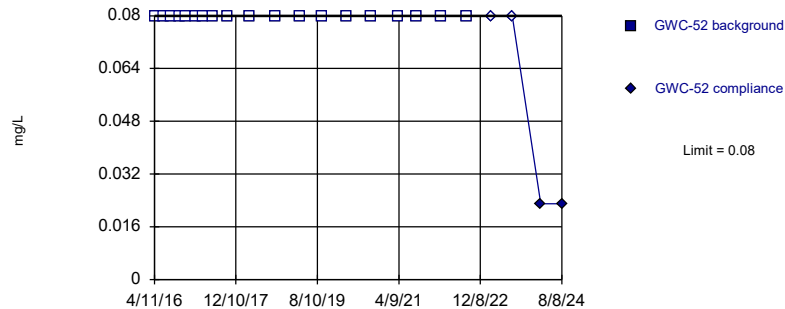


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 19) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Boron Analysis Run 9/23/2024 12:18 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

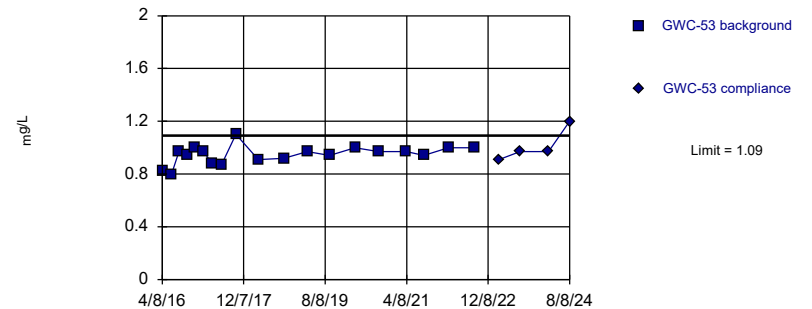


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 19) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Boron Analysis Run 9/23/2024 12:18 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
 Exceeds Limit

Prediction Limit
 Intrawell Parametric

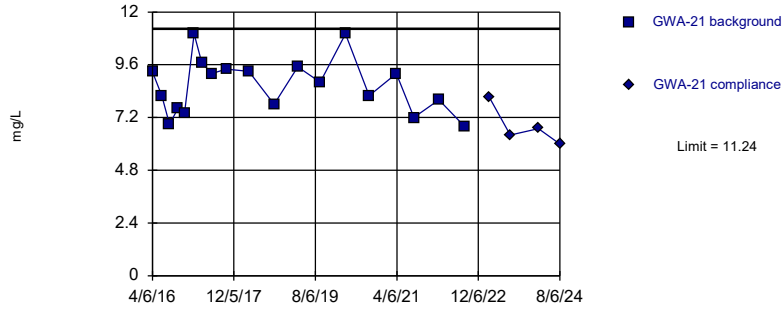


Background Data Summary: Mean=0.946, Std. Dev.=0.06939, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9424, critical = 0.901. Kappa = 2.081 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Boron Analysis Run 9/23/2024 12:18 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Parametric

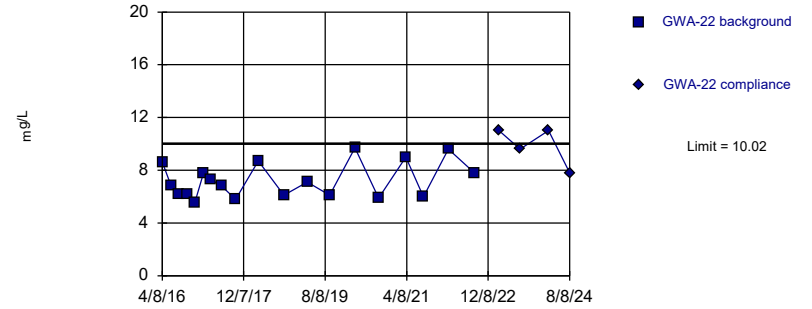


Background Data Summary: Mean=8.656, Std. Dev.=1.24, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9449, critical = 0.901. Kappa = 2.081 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Calcium Analysis Run 9/23/2024 12:18 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Parametric

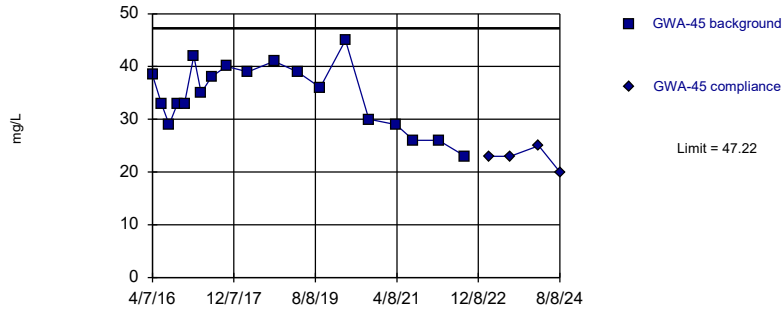


Background Data Summary: Mean=7.211, Std. Dev.=1.352, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9021, critical = 0.901. Kappa = 2.081 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Calcium Analysis Run 9/23/2024 12:18 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Parametric

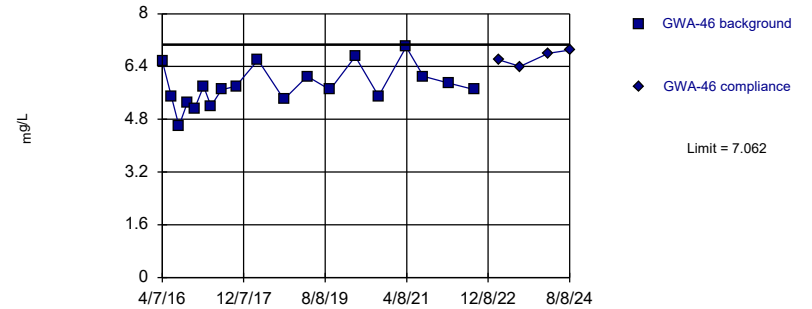


Background Data Summary: Mean=34.49, Std. Dev.=6.119, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9685, critical = 0.901. Kappa = 2.081 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Calcium Analysis Run 9/23/2024 12:18 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Parametric

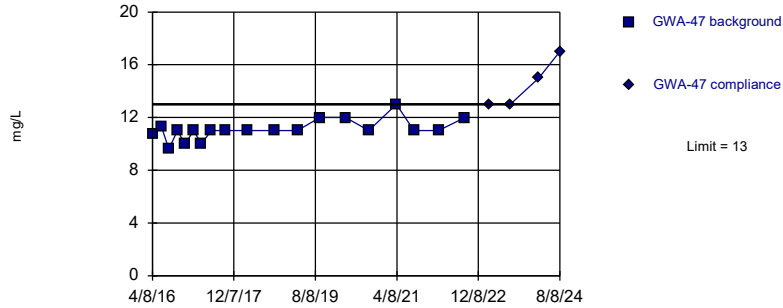


Background Data Summary: Mean=5.804, Std. Dev.=0.6047, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9713, critical = 0.901. Kappa = 2.081 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Calcium Analysis Run 9/23/2024 12:18 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

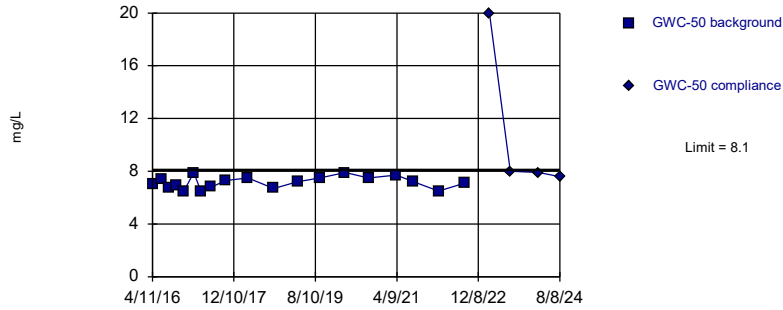
Exceeds Limit

Prediction Limit
Intrawell Non-parametric



Within Limit

Prediction Limit Intrawell Parametric

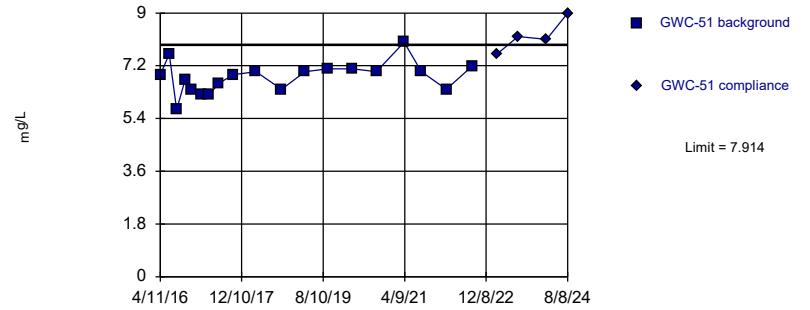


Background Data Summary: Mean=7.149, Std. Dev.=0.4569, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9442, critical = 0.901. Kappa = 2.081 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Calcium Analysis Run 9/23/2024 12:19 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limit

Prediction Limit Intrawell Parametric

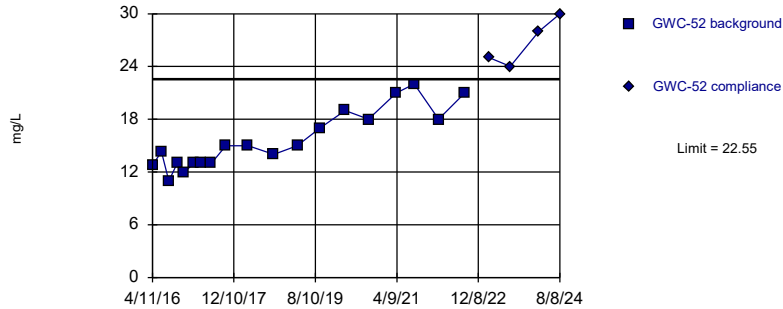


Background Data Summary: Mean=6.811, Std. Dev.=0.5301, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9642, critical = 0.901. Kappa = 2.081 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Calcium Analysis Run 9/23/2024 12:19 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limit

Prediction Limit Intrawell Parametric

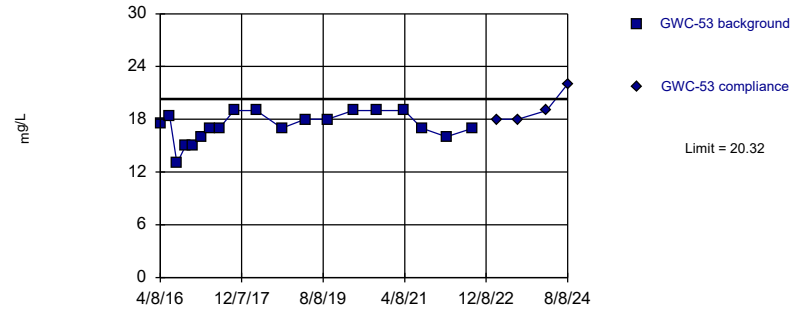


Background Data Summary: Mean=15.64, Std. Dev.=3.322, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.91, critical = 0.901. Kappa = 2.081 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Calcium Analysis Run 9/23/2024 12:19 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limit

Prediction Limit Intrawell Parametric

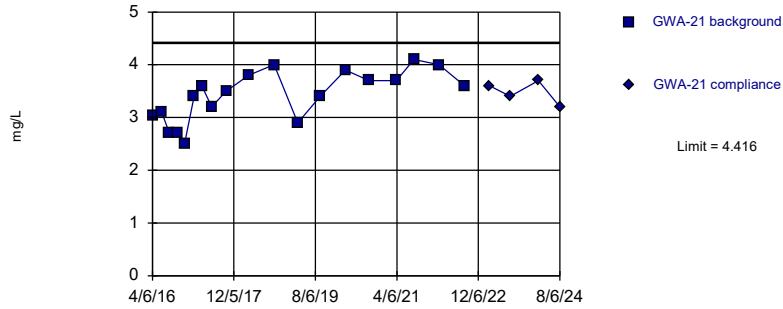


Background Data Summary (based on square transformation): Mean=298.6, Std. Dev.=54.84, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9118, critical = 0.901. Kappa = 2.081 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Calcium Analysis Run 9/23/2024 12:19 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Parametric

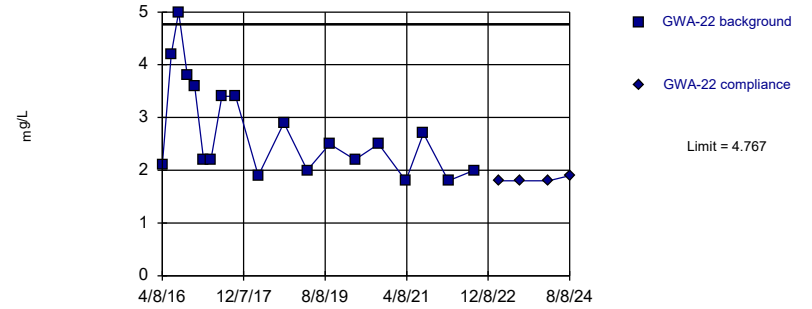


Background Data Summary: Mean=3.412, Std. Dev.=0.4825, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9498, critical = 0.901. Kappa = 2.081 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Chloride Analysis Run 9/23/2024 12:19 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Parametric

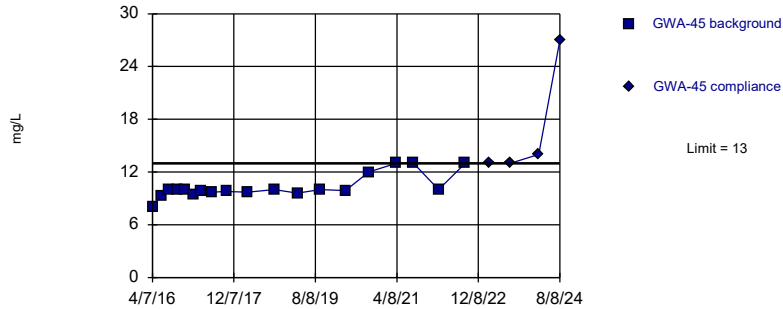


Background Data Summary (based on square root transformation): Mean=1.638, Std. Dev.=0.2622, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9053, critical = 0.901. Kappa = 2.081 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Chloride Analysis Run 9/23/2024 12:19 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limit

Prediction Limit Intrawell Non-parametric

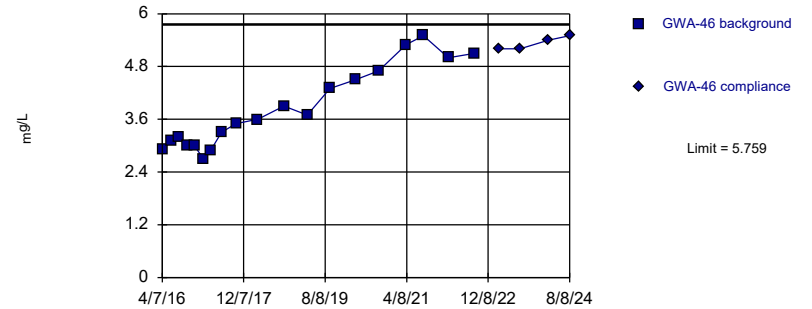


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.05 alpha level. Limit is highest of 19 background values. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Chloride Analysis Run 9/23/2024 12:19 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Parametric

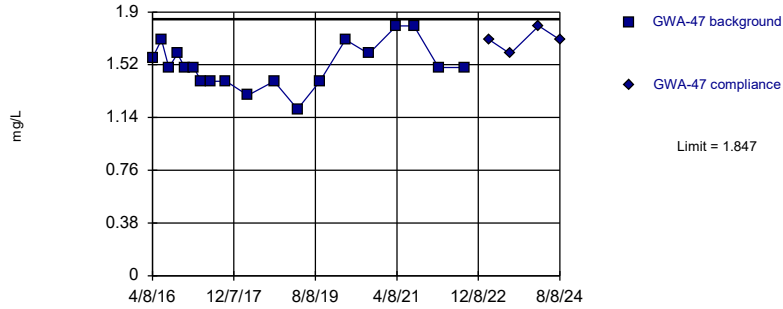


Background Data Summary: Mean=3.853, Std. Dev.=0.9159, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9045, critical = 0.901. Kappa = 2.081 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Chloride Analysis Run 9/23/2024 12:19 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

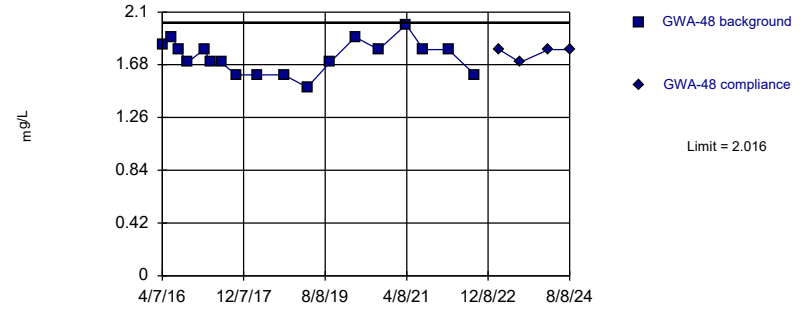


Background Data Summary: Mean=1.514, Std. Dev.=0.16, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9527, critical = 0.901. Kappa = 2.081 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Chloride Analysis Run 9/23/2024 12:19 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

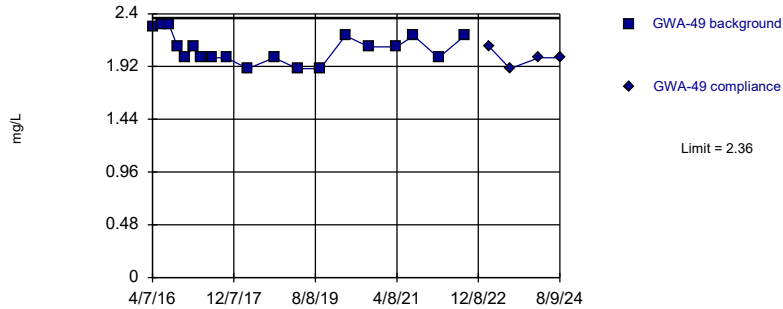


Background Data Summary: Mean=1.741, Std. Dev.=0.1305, n=18. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9562, critical = 0.897. Kappa = 2.104 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Chloride Analysis Run 9/23/2024 12:19 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

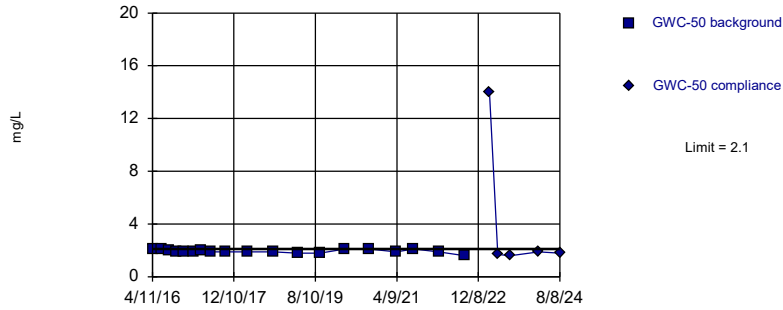
Within Limit

Prediction Limit
Intrawell Parametric



Within Limit

Prediction Limit Intrawell Non-parametric

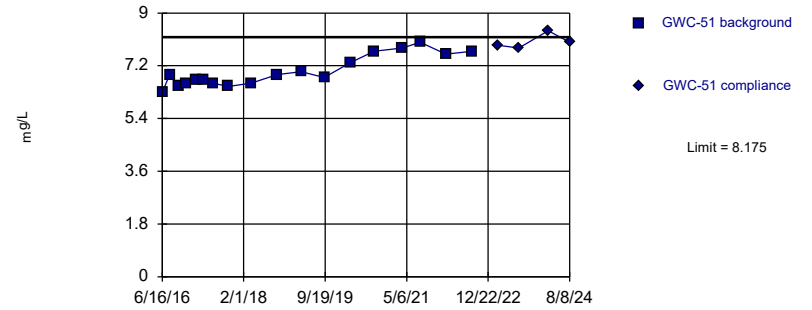


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.05 alpha level. Limit is highest of 19 background values. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Chloride Analysis Run 9/23/2024 12:19 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Parametric

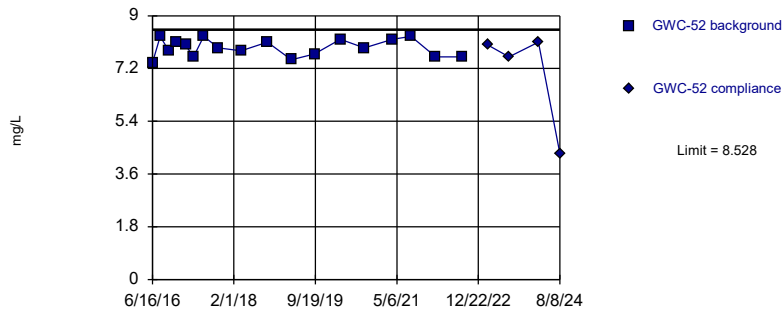


Background Data Summary (based on natural log transformation): Mean=1.945, Std. Dev.=0.07427, n=18. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.899, critical = 0.897. Kappa = 2.104 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Chloride Analysis Run 9/23/2024 12:19 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Parametric

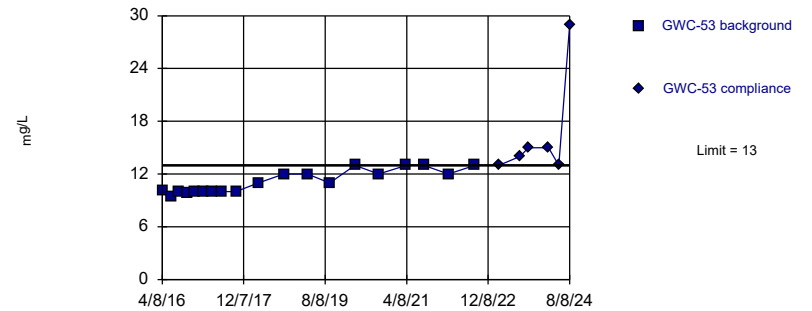


Background Data Summary: Mean=7.906, Std. Dev.=0.296, n=18. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9324, critical = 0.897. Kappa = 2.104 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Chloride Analysis Run 9/23/2024 12:19 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limit

Prediction Limit Intrawell Non-parametric



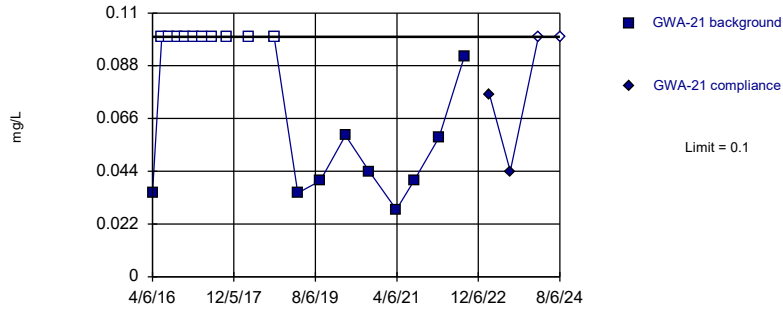
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.05 alpha level. Limit is highest of 19 background values. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Chloride Analysis Run 9/23/2024 12:19 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



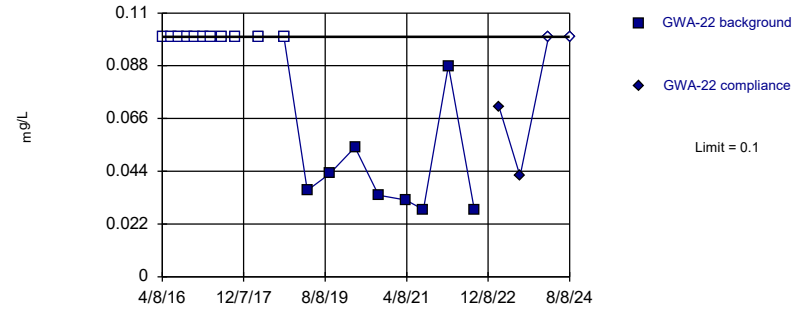
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 52.63% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Fluoride Analysis Run 9/23/2024 12:19 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



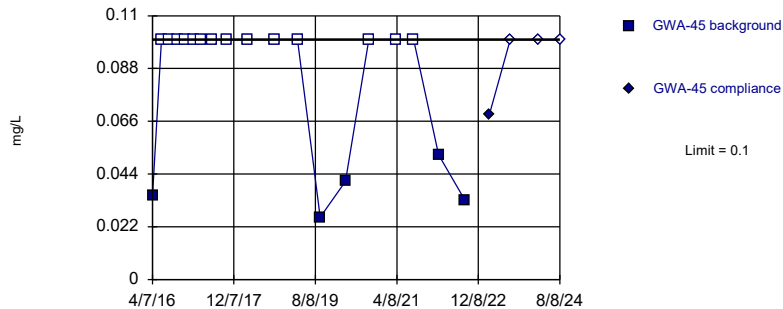
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 57.89% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Fluoride Analysis Run 9/23/2024 12:19 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



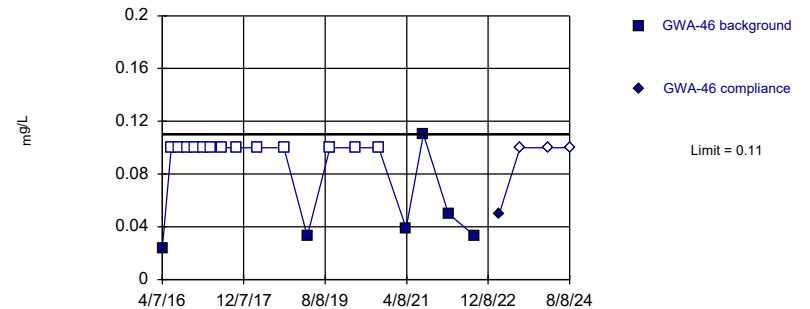
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 73.68% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Fluoride Analysis Run 9/23/2024 12:19 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric

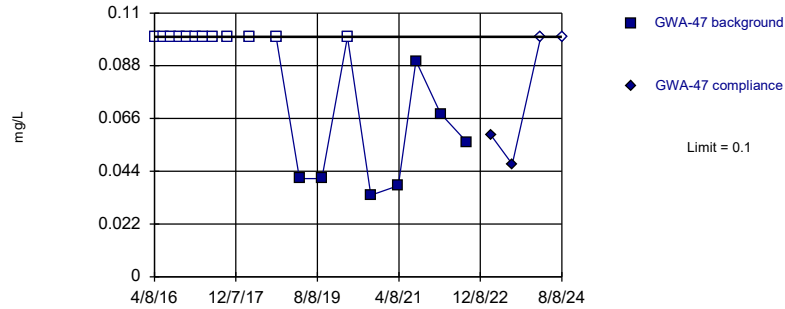


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 68.42% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Fluoride Analysis Run 9/23/2024 12:19 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

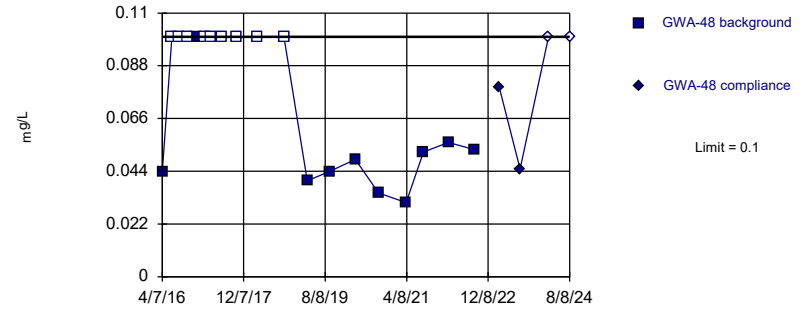


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 63.16% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Fluoride Analysis Run 9/23/2024 12:19 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

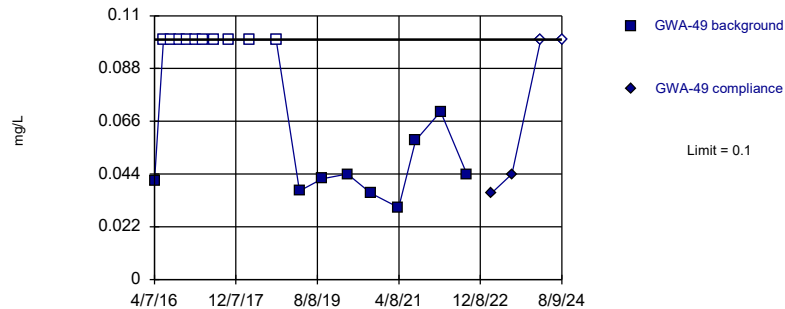


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.05 alpha level. Limit is highest of 19 background values. 47.37% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Fluoride Analysis Run 9/23/2024 12:19 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

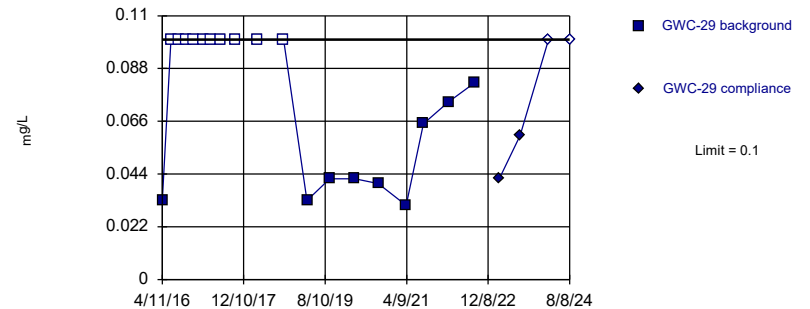


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 52.63% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Fluoride Analysis Run 9/23/2024 12:19 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric



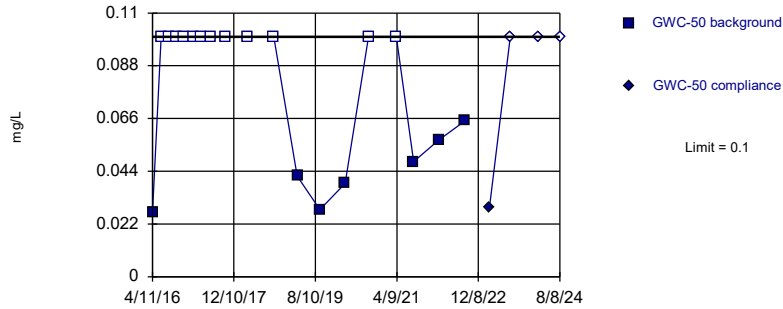
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 52.63% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Fluoride Analysis Run 9/23/2024 12:19 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



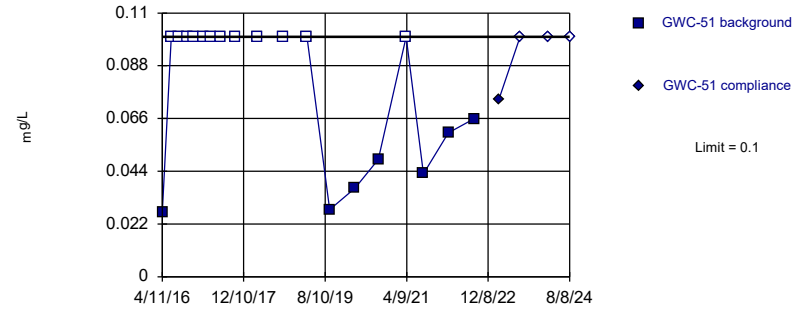
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 63.16% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Fluoride Analysis Run 9/23/2024 12:19 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



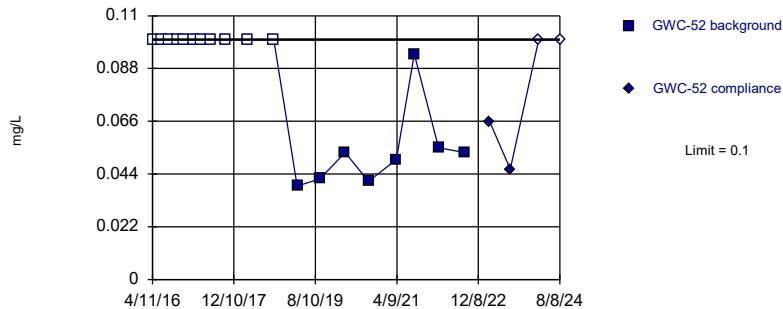
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 63.16% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Fluoride Analysis Run 9/23/2024 12:19 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



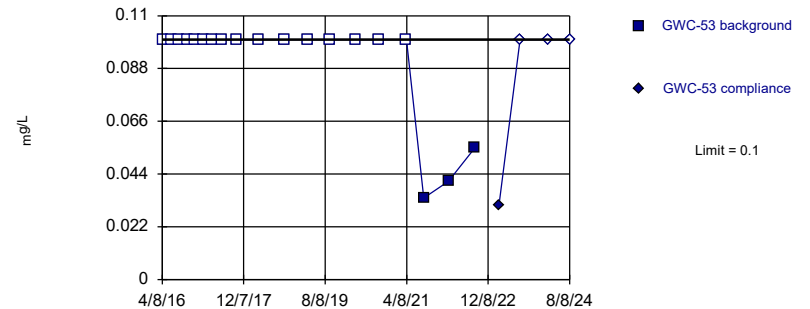
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 57.89% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Fluoride Analysis Run 9/23/2024 12:19 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sanitas™ v.10.0.17a . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric

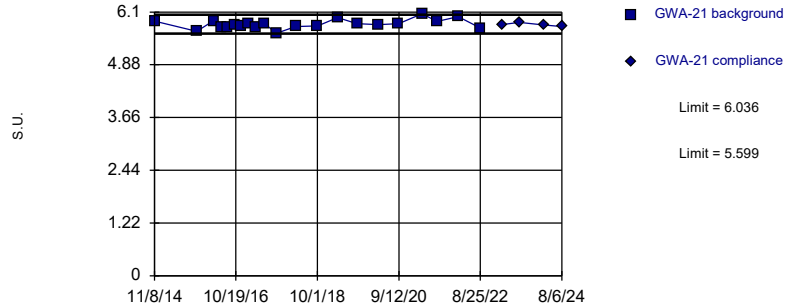


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 84.21% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Fluoride Analysis Run 9/23/2024 12:19 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limits

Prediction Limit Intrawell Parametric

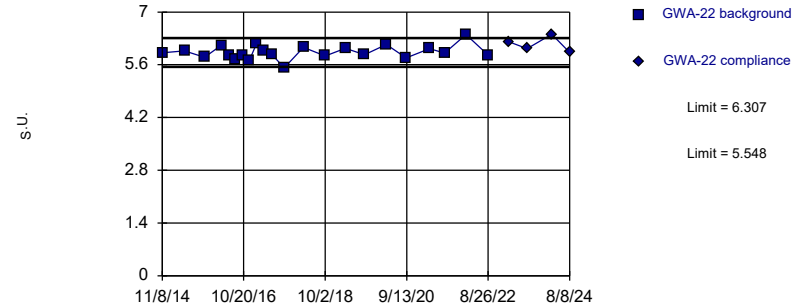


Background Data Summary: Mean=5.818, Std. Dev.=0.107, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.968, critical = 0.873. Kappa = 2.044 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH Analysis Run 9/23/2024 12:19 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limits

Prediction Limit Intrawell Parametric

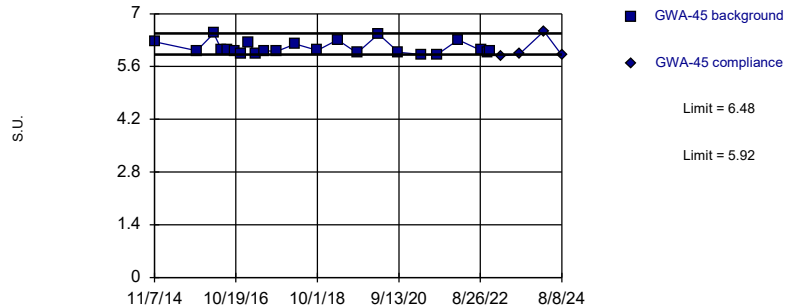


Background Data Summary: Mean=5.928, Std. Dev.=0.187, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9729, critical = 0.878. Kappa = 2.031 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH Analysis Run 9/23/2024 12:19 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limits

Prediction Limit Intrawell Non-parametric

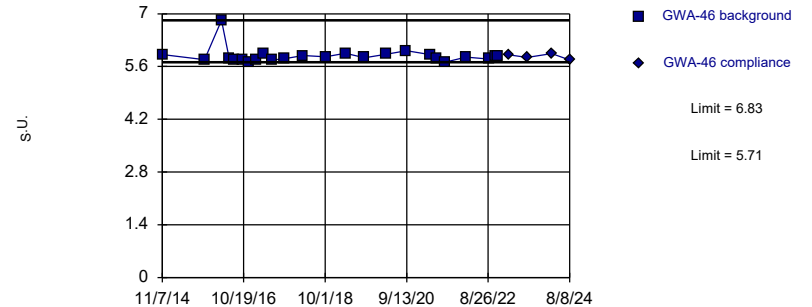


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 23 background values. Well-constituent pair annual alpha = 0.01364. Individual comparison alpha = 0.006831 (1 of 2).

Constituent: pH Analysis Run 9/23/2024 12:19 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limits

Prediction Limit Intrawell Non-parametric

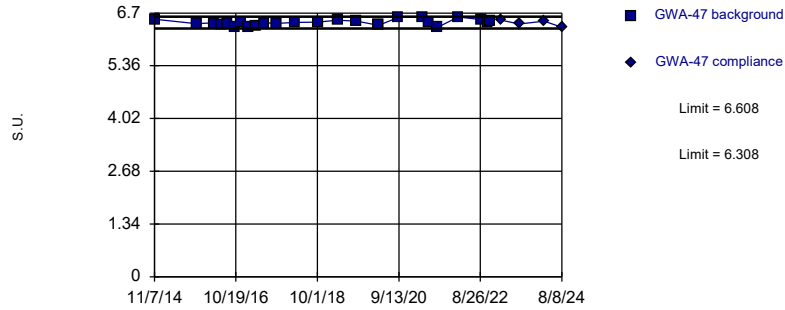


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 24 background values. Well-constituent pair annual alpha = 0.01248. Individual comparison alpha = 0.006247 (1 of 2).

Constituent: pH Analysis Run 9/23/2024 12:19 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limits

Prediction Limit Intrawell Parametric

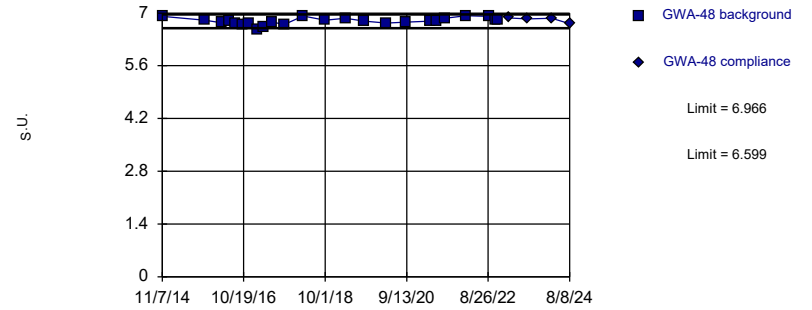


Background Data Summary: Mean=6.458, Std. Dev.=0.07553, n=26. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9607, critical = 0.891. Kappa = 1.981 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH Analysis Run 9/23/2024 12:19 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limits

Prediction Limit Intrawell Parametric

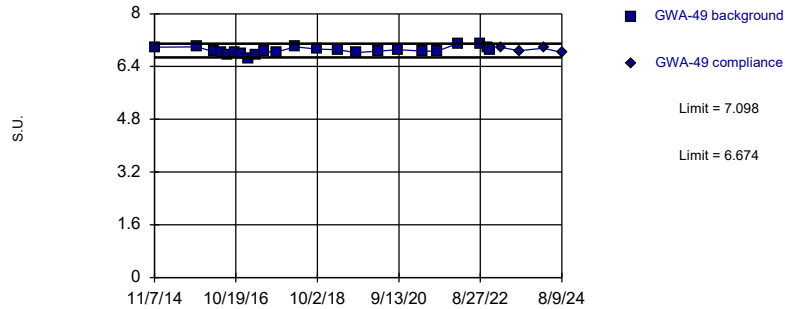


Background Data Summary: Mean=6.783, Std. Dev.=0.09157, n=24. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9613, critical = 0.884. Kappa = 2.004 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH Analysis Run 9/23/2024 12:19 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limits

Prediction Limit Intrawell Parametric

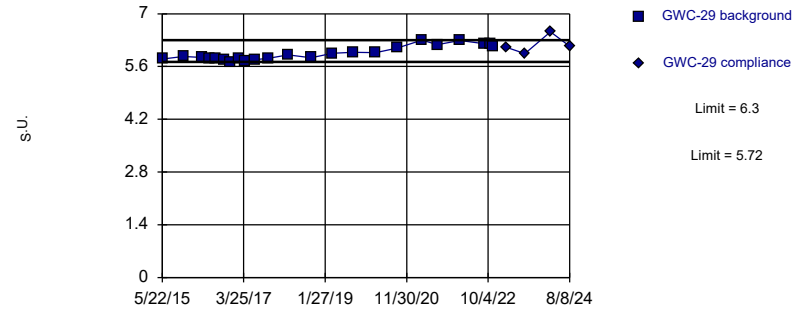


Background Data Summary: Mean=6.886, Std. Dev.=0.105, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9761, critical = 0.881. Kappa = 2.017 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH Analysis Run 9/23/2024 12:19 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limits

Prediction Limit Intrawell Non-parametric

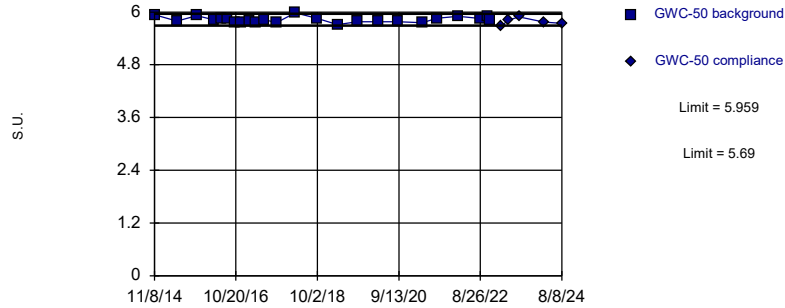


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 23 background values. Well-constituent pair annual alpha = 0.01364. Individual comparison alpha = 0.006831 (1 of 2).

Constituent: pH Analysis Run 9/23/2024 12:19 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limits

Prediction Limit Intrawell Parametric

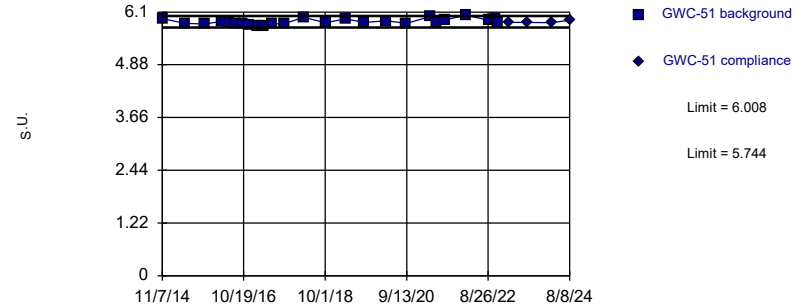


Background Data Summary: Mean=5.824, Std. Dev.=0.06717, n=24. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9562, critical = 0.884. Kappa = 2.004 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH Analysis Run 9/23/2024 12:19 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limits

Prediction Limit Intrawell Parametric

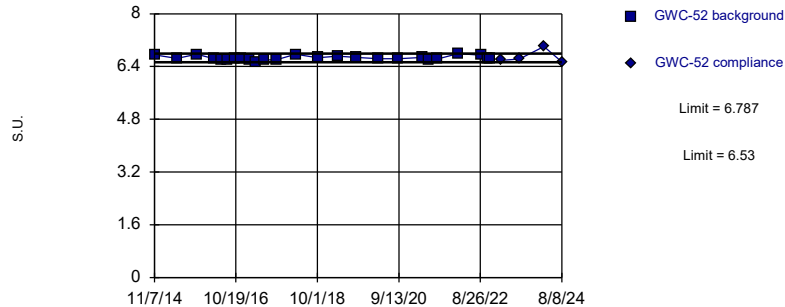


Background Data Summary: Mean=5.876, Std. Dev.=0.06614, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9604, critical = 0.888. Kappa = 1.99 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH Analysis Run 9/23/2024 12:19 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limits

Prediction Limit Intrawell Parametric

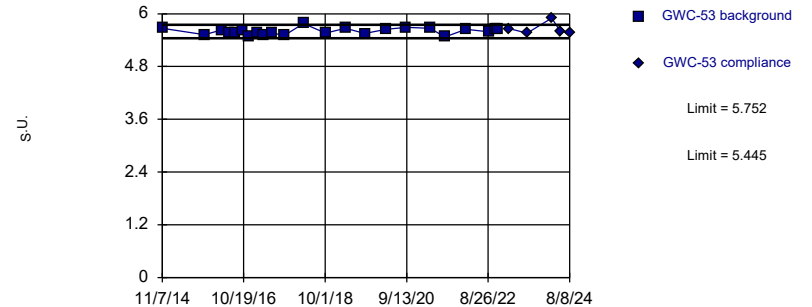


Background Data Summary: Mean=6.659, Std. Dev.=0.06463, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9339, critical = 0.888. Kappa = 1.99 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH Analysis Run 9/23/2024 12:19 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limits

Prediction Limit Intrawell Parametric



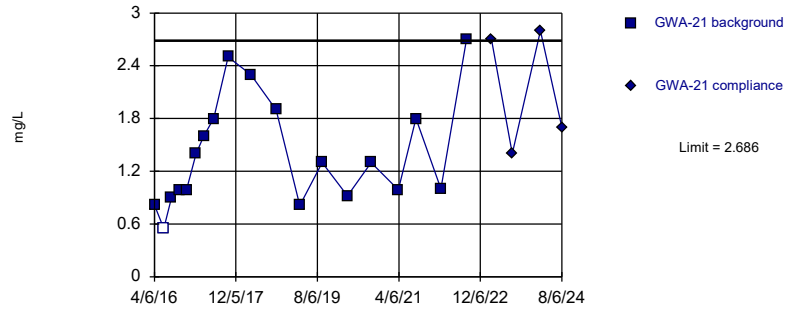
Background Data Summary: Mean=5.598, Std. Dev.=0.07608, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9627, critical = 0.881. Kappa = 2.017 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH Analysis Run 9/23/2024 12:19 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

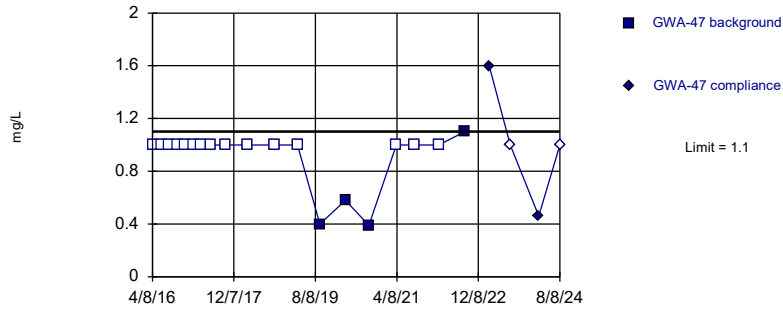
Prediction Limit

Intrawell Parametric



Within Limit

Prediction Limit
Intrawell Non-parametric

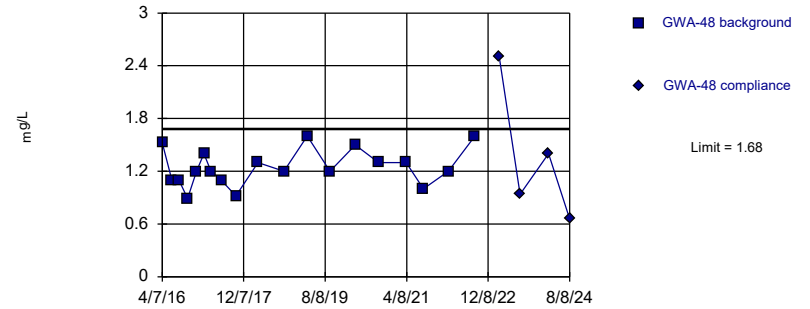


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 78.95% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Sulfate Analysis Run 9/23/2024 12:19 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

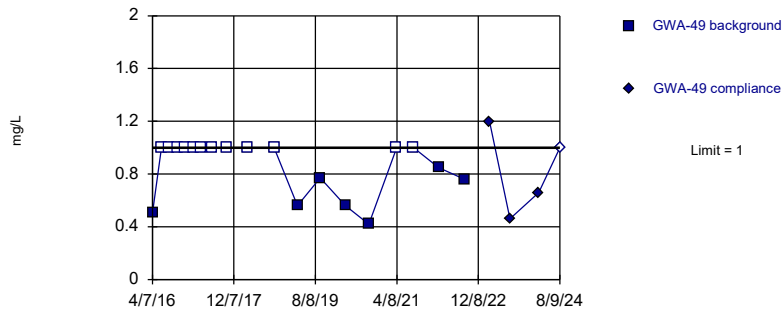


Background Data Summary: Mean=1.244, Std. Dev.=0.2097, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.95, critical = 0.901. Kappa = 2.081 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Sulfate Analysis Run 9/23/2024 12:19 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

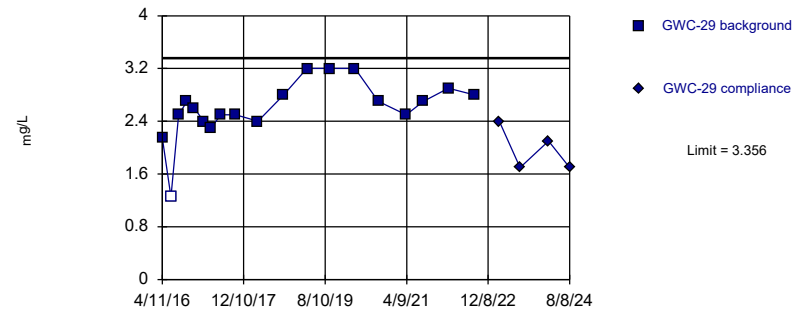


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 63.16% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Sulfate Analysis Run 9/23/2024 12:19 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

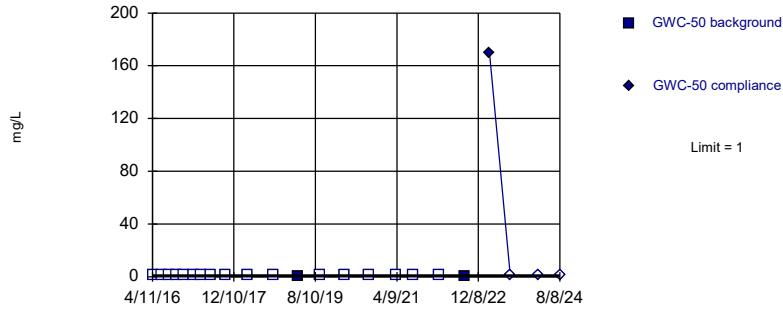


Background Data Summary (based on square transformation): Mean=6.918, Std. Dev.=2.089, n=19, 5.263% NDs. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9278, critical = 0.901. Kappa = 2.081 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Sulfate Analysis Run 9/23/2024 12:19 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

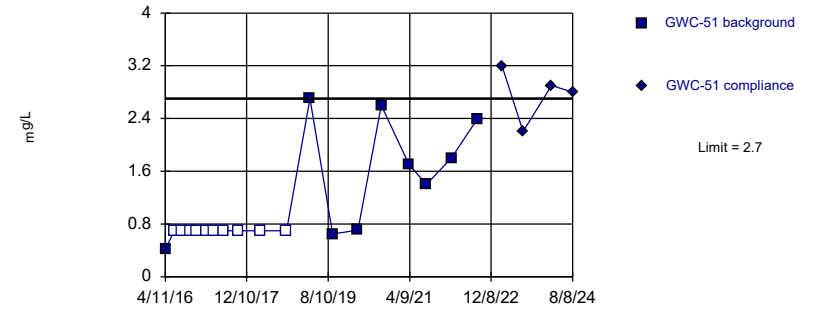


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 89.47% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Sulfate Analysis Run 9/23/2024 12:20 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limit

Prediction Limit
Intrawell Non-parametric

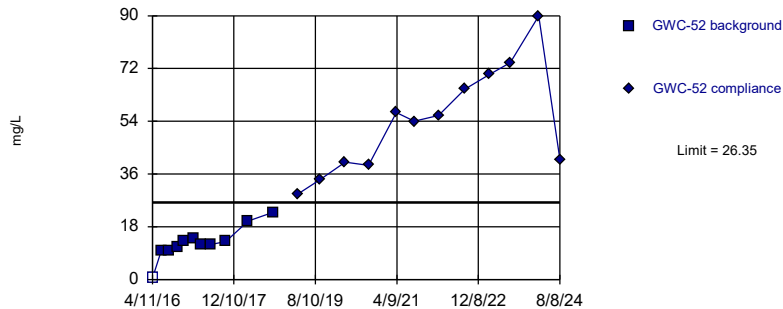


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 52.63% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Sulfate Analysis Run 9/23/2024 12:20 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limit

Prediction Limit
Intrawell Parametric

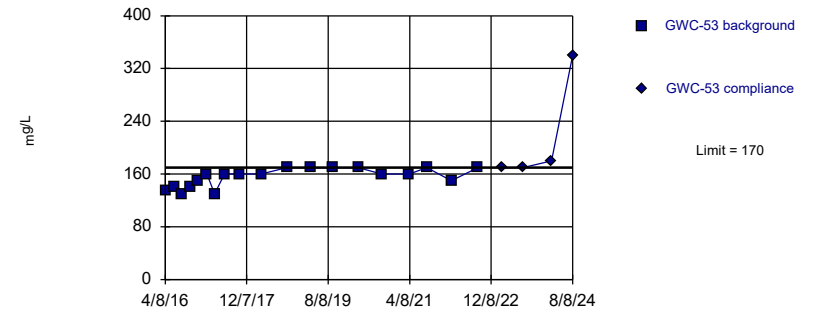


Background Data Summary: Mean=12.57, Std. Dev.=5.74, n=11, 9.091% NDs. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9024, critical = 0.85. Kappa = 2.4 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Sulfate Analysis Run 9/23/2024 12:20 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limit

Prediction Limit
Intrawell Non-parametric

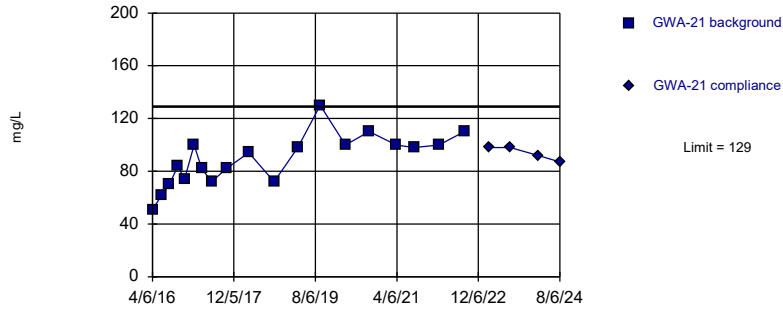


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.05 alpha level. Limit is highest of 19 background values. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Sulfate Analysis Run 9/23/2024 12:20 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

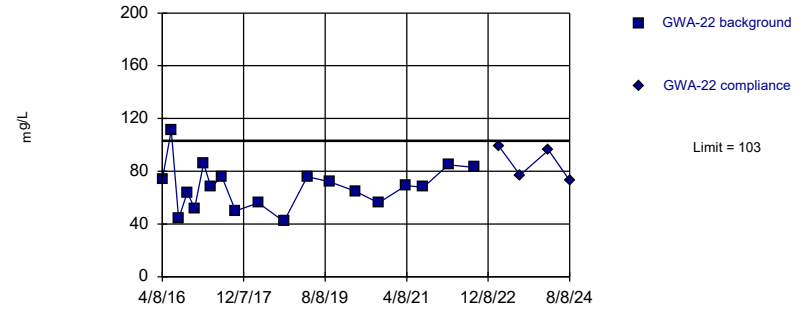


Background Data Summary: Mean=88.89, Std. Dev.=19.28, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9678, critical = 0.901. Kappa = 2.081 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Total Dissolved Solids Analysis Run 9/23/2024 12:20 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

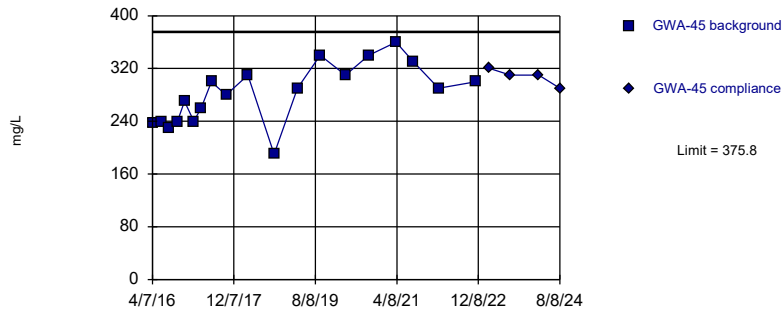


Background Data Summary: Mean=68.26, Std. Dev.=16.69, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9586, critical = 0.901. Kappa = 2.081 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Total Dissolved Solids Analysis Run 9/23/2024 12:20 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

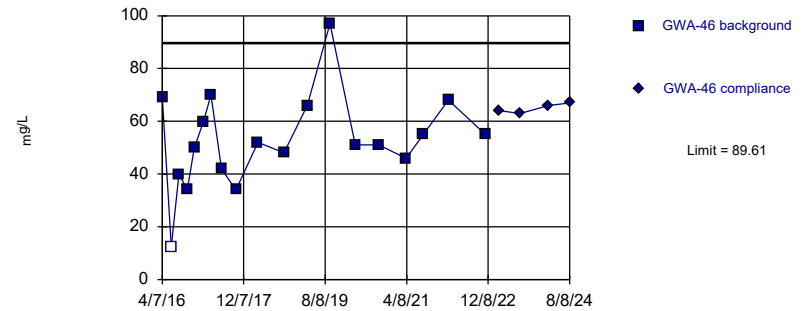


Background Data Summary: Mean=281.9, Std. Dev.=45.08, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9709, critical = 0.901. Kappa = 2.081 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Total Dissolved Solids Analysis Run 9/23/2024 12:20 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

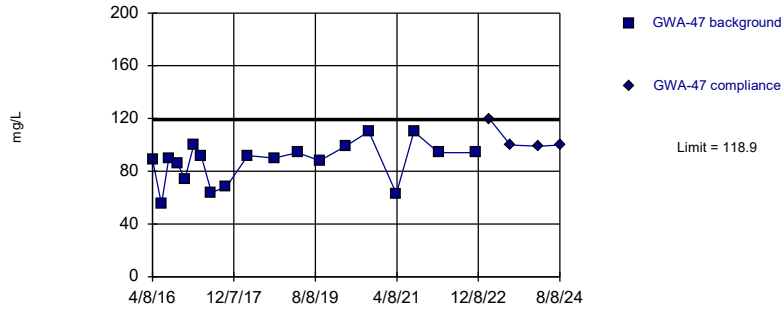


Background Data Summary: Mean=52.66, Std. Dev.=17.75, n=19, 5.263% NDs. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9572, critical = 0.901. Kappa = 2.081 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Total Dissolved Solids Analysis Run 9/23/2024 12:20 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

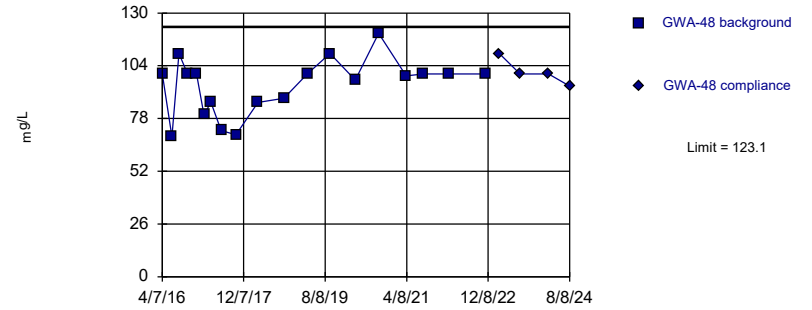


Background Data Summary: Mean=86.95, Std. Dev.=15.37, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9142, critical = 0.901. Kappa = 2.081 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Total Dissolved Solids Analysis Run 9/23/2024 12:20 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

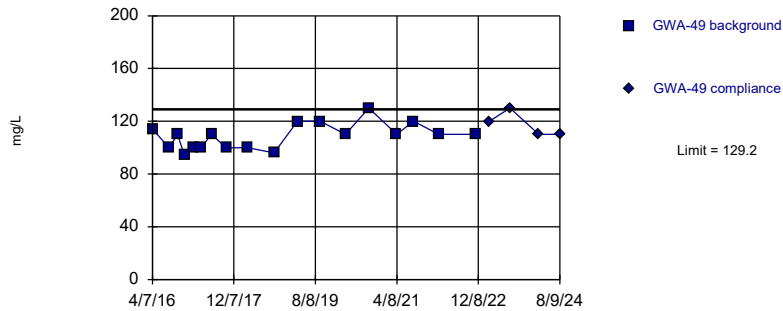


Background Data Summary: Mean=94.05, Std. Dev.=13.98, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9138, critical = 0.901. Kappa = 2.081 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Total Dissolved Solids Analysis Run 9/23/2024 12:20 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

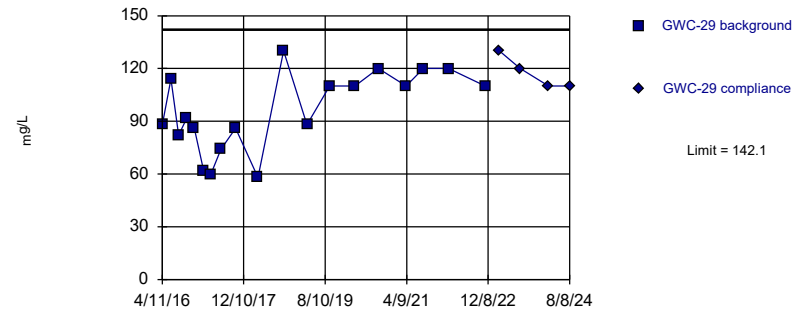


Background Data Summary: Mean=108.6, Std. Dev.=9.793, n=18. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9239, critical = 0.897. Kappa = 2.104 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Total Dissolved Solids Analysis Run 9/23/2024 12:20 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric



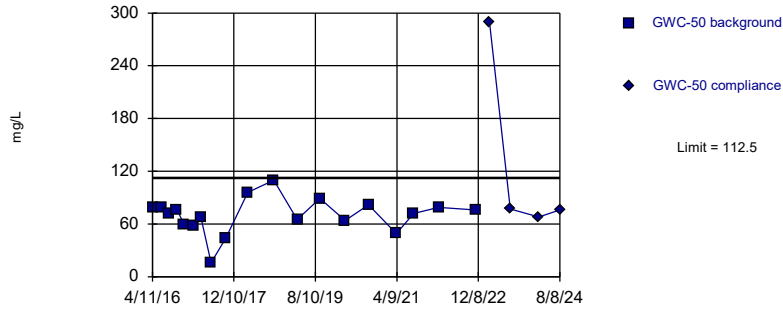
Background Data Summary: Mean=95.79, Std. Dev.=22.25, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.927, critical = 0.901. Kappa = 2.081 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Total Dissolved Solids Analysis Run 9/23/2024 12:20 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit

Intrawell Parametric



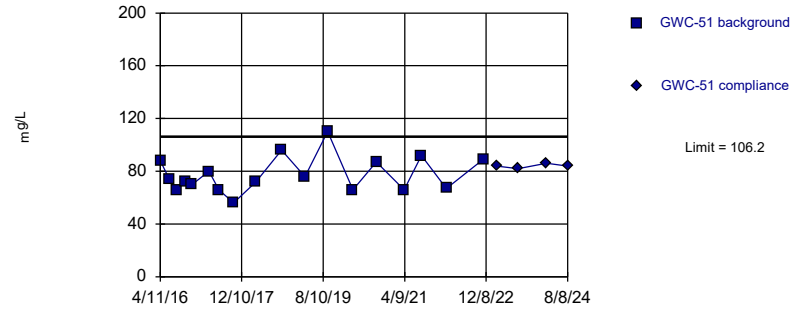
Background Data Summary: Mean=70.21, Std. Dev.=20.34, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9506, critical = 0.901. Kappa = 2.081 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Total Dissolved Solids Analysis Run 9/23/2024 12:20 PM View: Appendix III - Intrawell Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit

Intrawell Parametric



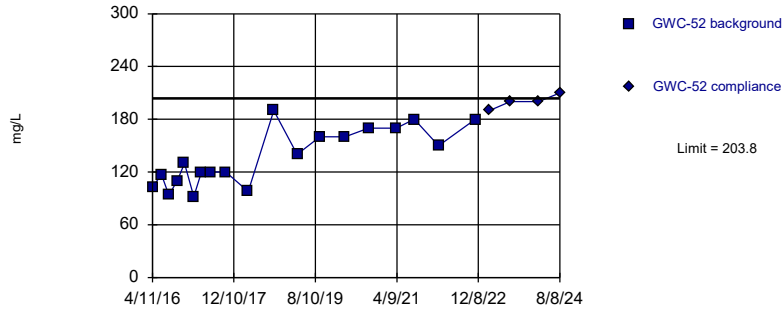
Background Data Summary: Mean=77.39, Std. Dev.=13.68, n=18. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9304, critical = 0.897. Kappa = 2.104 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Total Dissolved Solids Analysis Run 9/23/2024 12:20 PM View: Appendix III - Intrawell Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limit

Prediction Limit

Intrawell Parametric



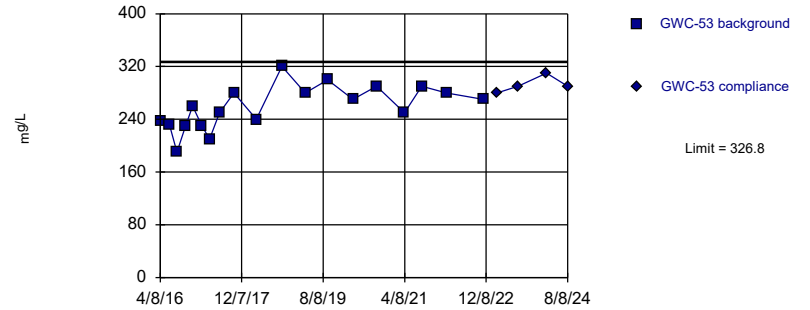
Background Data Summary: Mean=137.1, Std. Dev.=32.07, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9295, critical = 0.901. Kappa = 2.081 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Total Dissolved Solids Analysis Run 9/23/2024 12:20 PM View: Appendix III - Intrawell Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit

Intrawell Parametric



Prediction Limit

Constituent: Boron (mg/L) Analysis Run 9/23/2024 12:23 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21	GWA-21
4/6/2016	<0.08	
6/14/2016	0.0012 (J)	
8/10/2016	<0.08	
10/11/2016	<0.08	
12/2/2016	<0.08	
2/10/2017	<0.08	
4/10/2017	<0.08	
6/23/2017	<0.08	
10/9/2017	<0.08	
3/26/2018	<0.08	
10/3/2018	<0.08	
3/27/2019	<0.08	
9/12/2019	0.053	
3/19/2020	<0.08	
9/10/2020	<0.08	
4/2/2021	<0.08	
8/12/2021	<0.08	
2/14/2022	<0.08	
8/26/2022	<0.08	
2/28/2023		<0.08
8/2/2023		<0.08
2/29/2024		<0.08
8/6/2024		<0.08

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 9/23/2024 12:23 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-22	GWA-22
4/8/2016	<0.08	
6/14/2016	<0.08	
8/9/2016	<0.08	
10/11/2016	<0.08	
12/5/2016	<0.08	
2/10/2017	<0.08	
4/7/2017	<0.08	
6/26/2017	<0.08	
10/9/2017	<0.08	
3/26/2018	<0.08 (D)	
10/3/2018	<0.08	
3/27/2019	<0.08	
9/12/2019	<0.08	
3/19/2020	<0.08	
9/10/2020	<0.08	
4/2/2021	<0.08	
8/12/2021	<0.08	
2/15/2022	<0.08	
8/26/2022	<0.08	
2/28/2023		0.19
8/3/2023		<0.08
3/4/2024		0.033 (J)
8/8/2024		<0.08

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 9/23/2024 12:23 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-45	GWA-45
4/7/2016	0.0657 (J)	
6/14/2016	0.12	
8/9/2016	0.22	
10/10/2016	0.52	
12/2/2016	0.65	
2/9/2017	0.57	
4/7/2017	0.5	
6/22/2017	0.48	
10/10/2017	0.79	
3/22/2018	0.66	
10/3/2018	0.89	
3/27/2019	0.74	
9/12/2019	0.91	
3/19/2020	0.86	
9/11/2020	1	
4/2/2021	1.1	
8/12/2021	1.1	
2/14/2022	0.86	
8/31/2022	1.2	
2/28/2023		1.1
8/3/2023		1.1
3/4/2024		0.98
8/8/2024		1.2

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 9/23/2024 12:23 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-46	GWA-46
4/7/2016	<0.08	
6/14/2016	<0.08	
8/9/2016	<0.08	
10/10/2016	<0.08	
12/2/2016	<0.08	
2/10/2017	<0.08	
4/7/2017	<0.08	
6/23/2017	<0.08	
10/10/2017	<0.08	
3/23/2018	<0.08	
10/4/2018	<0.08	
3/27/2019	<0.08	
9/12/2019	<0.08	
3/19/2020	<0.08	
9/11/2020	<0.08	
4/5/2021	<0.08	
8/12/2021	<0.08	
2/14/2022	<0.08	
8/31/2022	<0.08	
2/28/2023		0.11
8/3/2023		0.027 (J)
3/4/2024		0.022 (J)
8/8/2024		<0.08

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 9/23/2024 12:23 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47	GWA-47
4/8/2016	<0.08	
6/14/2016	0.00079 (J)	
8/9/2016	<0.08	
10/11/2016	<0.08	
12/5/2016	<0.08	
2/10/2017	<0.08	
4/7/2017	<0.08	
6/22/2017	<0.08	
10/10/2017	<0.08	
3/22/2018	<0.08	
10/5/2018	<0.08	
3/27/2019	<0.08	
9/12/2019	<0.08	
3/20/2020	<0.08	
9/11/2020	<0.08	
4/5/2021	<0.08	
8/13/2021	<0.08	
2/14/2022	<0.08	
8/31/2022	<0.08	
2/28/2023		0.034 (J)
8/3/2023		<0.08
3/4/2024		<0.08
8/8/2024		<0.08

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 9/23/2024 12:23 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48	GWA-48
4/7/2016	<0.08	
6/17/2016	<0.08	
8/10/2016	<0.08	
10/14/2016	<0.08	
12/19/2016	<0.08	
2/13/2017	<0.08	
4/7/2017	<0.08	
6/22/2017	<0.08	
10/10/2017	<0.08	
3/23/2018	<0.08	
10/3/2018	<0.08	
3/27/2019	<0.08	
9/12/2019	<0.08	
3/19/2020	<0.08	
9/11/2020	<0.08	
4/5/2021	0.044 (J)	
8/12/2021	<0.08	
2/14/2022	<0.08	
8/31/2022	<0.08	
2/28/2023		0.12
8/3/2023		0.023 (J)
3/4/2024		<0.08
8/8/2024		<0.08

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 9/23/2024 12:23 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49	GWA-49
4/7/2016	<0.08	
6/14/2016	<0.08	
8/9/2016	<0.08	
10/11/2016	<0.08	
12/2/2016	<0.08	
2/9/2017	<0.08	
4/7/2017	<0.08	
6/22/2017	<0.08	
10/10/2017	<0.08	
3/22/2018	<0.08	
10/3/2018	<0.08	
3/27/2019	<0.08	
9/12/2019	<0.08	
3/19/2020	<0.08	
9/10/2020	<0.08	
4/6/2021	<0.08	
8/12/2021	<0.08	
2/14/2022	<0.08	
8/30/2022	<0.08	
3/1/2023		<0.08
8/3/2023		<0.08
3/4/2024		<0.08
8/9/2024		0.022 (J)

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 9/23/2024 12:23 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-29
4/11/2016	<0.08	
6/15/2016	0.0021 (J)	
8/10/2016	<0.08	
10/11/2016	<0.08	
12/5/2016	<0.08	
2/13/2017	<0.08	
4/10/2017	<0.08	
6/23/2017	<0.08	
10/10/2017	<0.08	
3/26/2018	<0.08	
10/4/2018	<0.08	
3/28/2019	<0.08	
9/12/2019	<0.08	
3/19/2020	<0.08	
9/10/2020	<0.08	
4/6/2021	<0.08	
8/13/2021	<0.08	
2/14/2022	<0.08	
8/31/2022	<0.08	
3/1/2023		0.075 (J)
8/3/2023		0.025 (J)
3/4/2024		<0.08
8/8/2024		<0.08

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 9/23/2024 12:23 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-50	GWC-50
4/11/2016	<0.08	
6/15/2016	<0.08	
8/10/2016	<0.08	
10/11/2016	<0.08	
12/2/2016	<0.08	
2/13/2017	<0.08	
4/7/2017	<0.08	
6/22/2017	<0.08	
10/10/2017	<0.08	
3/23/2018	<0.08	
10/4/2018	<0.08	
3/28/2019	<0.08	
9/12/2019	<0.08	
3/19/2020	<0.08	
9/10/2020	<0.08	
4/6/2021	<0.08	
8/13/2021	<0.08	
2/14/2022	<0.08	
8/31/2022	<0.08	
3/1/2023		0.95
8/3/2023		<0.08
3/4/2024		<0.08
8/8/2024		<0.08

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 9/23/2024 12:23 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-51	GWC-51
4/11/2016	<0.08	
6/16/2016	<0.08	
8/10/2016	<0.08	
10/13/2016	<0.08	
12/5/2016	<0.08	
2/13/2017	<0.08	
4/10/2017	<0.08	
6/23/2017	<0.08	
10/11/2017	<0.08	
3/26/2018	<0.08	
10/4/2018	<0.08	
3/27/2019	<0.08	
9/12/2019	<0.08	
3/19/2020	<0.08	
9/11/2020	<0.08	
4/5/2021	<0.08	
8/13/2021	<0.08	
2/15/2022	<0.08	
8/31/2022	<0.08	
2/28/2023		0.08
8/3/2023		<0.08
3/4/2024		0.036 (J)
8/8/2024		<0.08

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 9/23/2024 12:23 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-52	GWC-52
4/11/2016	<0.08	
6/16/2016	<0.08	
8/11/2016	<0.08	
10/13/2016	<0.08	
12/5/2016	<0.08	
2/13/2017	<0.08	
4/11/2017	<0.08	
6/24/2017	<0.08	
10/11/2017	<0.08	
3/26/2018	<0.08	
10/4/2018	<0.08	
3/28/2019	<0.08	
9/12/2019	<0.08	
3/19/2020	<0.08	
9/11/2020	<0.08	
4/5/2021	<0.08	
8/17/2021	<0.08	
2/14/2022	<0.08	
8/31/2022	<0.08	
3/1/2023		<0.08
8/3/2023		<0.08
3/4/2024		0.023 (J)
8/8/2024		0.023 (J)

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 9/23/2024 12:23 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-53	GWC-53
4/8/2016	0.824	
6/16/2016	0.8 (J)	
8/11/2016	0.97	
10/13/2016	0.94	
12/6/2016	1	
2/13/2017	0.97	
4/11/2017	0.88	
6/24/2017	0.87	
10/11/2017	1.1	
3/26/2018	0.91	
10/4/2018	0.92	
3/28/2019	0.97	
9/12/2019	0.94	
3/19/2020	1	
9/11/2020	0.97	
4/6/2021	0.97	
8/13/2021	0.94	
2/14/2022	1	
8/31/2022	1	
2/28/2023		0.91
8/3/2023		0.97
3/4/2024		0.97
8/8/2024		1.2

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 9/23/2024 12:23 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21	GWA-21
4/6/2016	9.27	
6/14/2016	8.2	
8/10/2016	6.9	
10/11/2016	7.6	
12/2/2016	7.4	
2/10/2017	11	
4/10/2017	9.7	
6/23/2017	9.2	
10/9/2017	9.4	
3/26/2018	9.3	
10/3/2018	7.8	
3/27/2019	9.5	
9/12/2019	8.8	
3/19/2020	11	
9/10/2020	8.2	
4/2/2021	9.2	
8/12/2021	7.2	
2/14/2022	8	
8/26/2022	6.8	
2/28/2023		8.1
8/2/2023		6.4
2/29/2024		6.7
8/6/2024		6

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 9/23/2024 12:23 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-22	GWA-22
4/8/2016	8.6	
6/14/2016	6.8	
8/9/2016	6.2	
10/11/2016	6.2	
12/5/2016	5.5	
2/10/2017	7.8	
4/7/2017	7.3	
6/26/2017	6.8	
10/9/2017	5.8	
3/26/2018	8.7	
10/3/2018	6.1	
3/27/2019	7.1	
9/12/2019	6.1	
3/19/2020	9.7	
9/10/2020	5.9	
4/2/2021	9	
8/12/2021	6	
2/15/2022	9.6	
8/26/2022	7.8	
2/28/2023		11
8/3/2023		9.6
3/4/2024		11
8/8/2024		7.8

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 9/23/2024 12:23 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-45	GWA-45
4/7/2016	38.4	
6/14/2016	32.9	
8/9/2016	29	
10/10/2016	33	
12/2/2016	33	
2/9/2017	42	
4/7/2017	35	
6/22/2017	38	
10/10/2017	40	
3/22/2018	39 (D)	
10/3/2018	41	
3/27/2019	39	
9/12/2019	36	
3/19/2020	45	
9/11/2020	30	
4/2/2021	29	
8/12/2021	26	
2/14/2022	26	
8/31/2022	23	
2/28/2023		23
8/3/2023		23
3/4/2024		25
8/8/2024		20

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 9/23/2024 12:23 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-46	GWA-46
4/7/2016	6.57	
6/14/2016	5.5	
8/9/2016	4.6	
10/10/2016	5.3	
12/2/2016	5.1	
2/10/2017	5.8	
4/7/2017	5.2	
6/23/2017	5.7	
10/10/2017	5.8	
3/23/2018	6.6	
10/4/2018	5.4	
3/27/2019	6.1	
9/12/2019	5.7	
3/19/2020	6.7	
9/11/2020	5.5	
4/5/2021	7	
8/12/2021	6.1	
2/14/2022	5.9	
8/31/2022	5.7	
2/28/2023		6.6
8/3/2023		6.4
3/4/2024		6.8
8/8/2024		6.9

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 9/23/2024 12:23 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47	GWA-47
4/8/2016	10.7	
6/14/2016	11.3	
8/9/2016	9.6	
10/11/2016	11	
12/5/2016	10	
2/10/2017	11	
4/7/2017	10	
6/22/2017	11	
10/10/2017	11	
3/22/2018	11	
10/5/2018	11	
3/27/2019	11	
9/12/2019	12	
3/20/2020	12	
9/11/2020	11	
4/5/2021	13	
8/13/2021	11	
2/14/2022	11	
8/31/2022	12	
2/28/2023		13
8/3/2023		13
3/4/2024		15
8/8/2024		17

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 9/23/2024 12:23 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48	GWA-48
4/7/2016	12.6	
6/17/2016	12.4	
8/10/2016	11	
10/14/2016	13	
12/19/2016	11	
2/13/2017	13	
4/7/2017	12	
6/22/2017	13	
10/10/2017	13	
3/23/2018	13	
10/3/2018	12	
3/27/2019	13	
9/12/2019	13	
3/19/2020	14	
9/11/2020	12	
4/5/2021	13	
8/12/2021	12	
2/14/2022	11	
8/31/2022	12	
2/28/2023		13
8/3/2023		12
3/4/2024		13
8/8/2024		13

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 9/23/2024 12:23 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49	GWA-49
4/7/2016	15.3	
6/14/2016	14.2	
8/9/2016	13	
10/11/2016	14	
12/2/2016	13	
2/9/2017	14	
4/7/2017	14	
6/22/2017	14	
10/10/2017	15	
3/22/2018	14	
10/3/2018	14	
3/27/2019	15	
9/12/2019	14	
3/19/2020	15	
9/10/2020	14	
4/6/2021	16	
8/12/2021	14	
2/14/2022	13	
8/30/2022	14	
3/1/2023		15
8/3/2023		15
3/4/2024		14
8/9/2024		16

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 9/23/2024 12:23 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-29
4/11/2016	9.7	
6/15/2016	9.5	
8/10/2016	8.5	
10/11/2016	9.3	
12/5/2016	9	
2/13/2017	9.2	
4/10/2017	9.2	
6/23/2017	9.8	
10/10/2017	10	
3/26/2018	11	
10/4/2018	10	
3/28/2019	11	
9/12/2019	12	
3/19/2020	16	
9/10/2020	15	
4/6/2021	17	
8/13/2021	15	
2/14/2022	16	
8/31/2022	17	
3/1/2023		19
8/3/2023		18
3/4/2024		18
8/8/2024		19

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 9/23/2024 12:23 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-50	GWC-50
4/11/2016	7.04	
6/15/2016	7.4	
8/10/2016	6.7	
10/11/2016	6.9	
12/2/2016	6.5	
2/13/2017	7.9	
4/7/2017	6.5	
6/22/2017	6.8	
10/10/2017	7.3	
3/23/2018	7.5	
10/4/2018	6.7	
3/28/2019	7.2	
9/12/2019	7.5	
3/19/2020	7.9	
9/10/2020	7.5	
4/6/2021	7.7	
8/13/2021	7.2	
2/14/2022	6.5	
8/31/2022	7.1	
3/1/2023		20
8/3/2023		8
3/4/2024		7.9
8/8/2024		7.6

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 9/23/2024 12:23 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-51	GWC-51
4/11/2016	6.9	
6/16/2016	7.6	
8/10/2016	5.7	
10/13/2016	6.7	
12/5/2016	6.4	
2/13/2017	6.2	
4/10/2017	6.2	
6/23/2017	6.6	
10/11/2017	6.9	
3/26/2018	7	
10/4/2018	6.4	
3/27/2019	7	
9/12/2019	7.1	
3/19/2020	7.1	
9/11/2020	7	
4/5/2021	8	
8/13/2021	7	
2/15/2022	6.4	
8/31/2022	7.2	
2/28/2023		7.6
8/3/2023		8.2
3/4/2024		8.1
8/8/2024		9

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 9/23/2024 12:23 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-52	GWC-52
4/11/2016	12.8	
6/16/2016	14.3	
8/11/2016	11	
10/13/2016	13	
12/5/2016	12	
2/13/2017	13	
4/11/2017	13	
6/24/2017	13	
10/11/2017	15	
3/26/2018	15	
10/4/2018	14	
3/28/2019	15	
9/12/2019	17	
3/19/2020	19	
9/11/2020	18	
4/5/2021	21	
8/17/2021	22	
2/14/2022	18	
8/31/2022	21	
3/1/2023		25
8/3/2023		24
3/4/2024		28
8/8/2024		30

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 9/23/2024 12:23 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-53	GWC-53
4/8/2016	17.5	
6/16/2016	18.4	
8/11/2016	13	
10/13/2016	15	
12/6/2016	15	
2/13/2017	16	
4/11/2017	17	
6/24/2017	17	
10/11/2017	19	
3/26/2018	19	
10/4/2018	17	
3/28/2019	18	
9/12/2019	18	
3/19/2020	19	
9/11/2020	19	
4/6/2021	19	
8/13/2021	17	
2/14/2022	16	
8/31/2022	17	
2/28/2023		18
8/3/2023		18
3/4/2024		19
8/8/2024		22

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 9/23/2024 12:23 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21	GWA-21
4/6/2016	3.034	
6/14/2016	3.1	
8/10/2016	2.7	
10/11/2016	2.7	
12/2/2016	2.5	
2/10/2017	3.4	
4/10/2017	3.6	
6/23/2017	3.2	
10/9/2017	3.5	
3/26/2018	3.8	
10/3/2018	4	
3/27/2019	2.9	
9/12/2019	3.4	
3/19/2020	3.9	
9/10/2020	3.7	
4/2/2021	3.7	
8/12/2021	4.1	
2/14/2022	4	
8/26/2022	3.6	
2/28/2023		3.6
8/2/2023		3.4
2/29/2024		3.7
8/6/2024		3.2

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 9/23/2024 12:23 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-22	GWA-22
4/8/2016	2.1	
6/14/2016	4.2	
8/9/2016	5	
10/11/2016	3.8	
12/5/2016	3.6	
2/10/2017	2.2	
4/7/2017	2.2	
6/26/2017	3.4	
10/9/2017	3.4	
3/26/2018	1.9 (D)	
10/3/2018	2.9	
3/27/2019	2	
9/12/2019	2.5	
3/19/2020	2.2	
9/10/2020	2.5	
4/2/2021	1.8	
8/12/2021	2.7	
2/15/2022	1.8	
8/26/2022	2	
2/28/2023		1.8
8/3/2023		1.8
3/4/2024		1.8
8/8/2024		1.9

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 9/23/2024 12:23 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-45	GWA-45
4/7/2016	8.05	
6/14/2016	9.3	
8/9/2016	10	
10/10/2016	10	
12/2/2016	10	
2/9/2017	9.4	
4/7/2017	9.9	
6/22/2017	9.7	
10/10/2017	9.8	
3/22/2018	9.7 (D)	
10/3/2018	10	
3/27/2019	9.6	
9/12/2019	10	
3/19/2020	9.9	
9/11/2020	12	
4/2/2021	13	
8/12/2021	13	
2/14/2022	10	
8/31/2022	13	
2/28/2023		13
8/3/2023		13
3/4/2024		14
8/8/2024		27

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 9/23/2024 12:23 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-46	GWA-46
4/7/2016	2.914	
6/14/2016	3.1	
8/9/2016	3.2	
10/10/2016	3	
12/2/2016	3	
2/10/2017	2.7	
4/7/2017	2.9	
6/23/2017	3.3	
10/10/2017	3.5	
3/23/2018	3.6	
10/4/2018	3.9	
3/27/2019	3.7	
9/12/2019	4.3	
3/19/2020	4.5	
9/11/2020	4.7	
4/5/2021	5.3	
8/12/2021	5.5	
2/14/2022	5	
8/31/2022	5.1	
2/28/2023		5.2
8/3/2023		5.2
3/4/2024		5.4
8/8/2024		5.5

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 9/23/2024 12:23 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47	GWA-47
4/8/2016	1.57	
6/14/2016	1.7	
8/9/2016	1.5	
10/11/2016	1.6	
12/5/2016	1.5	
2/10/2017	1.5	
4/7/2017	1.4	
6/22/2017	1.4	
10/10/2017	1.4	
3/22/2018	1.3	
10/5/2018	1.4	
3/27/2019	1.2	
9/12/2019	1.4	
3/20/2020	1.7	
9/11/2020	1.6	
4/5/2021	1.8	
8/13/2021	1.8	
2/14/2022	1.5	
8/31/2022	1.5	
2/28/2023		1.7
8/3/2023		1.6
3/4/2024		1.8
8/8/2024		1.7

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 9/23/2024 12:23 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48	GWA-48
4/7/2016	1.842	
6/17/2016	1.9	
8/10/2016	1.8	
10/14/2016	1.7	
12/19/2016	2.7 (O)	
2/13/2017	1.8	
4/7/2017	1.7	
6/22/2017	1.7	
10/10/2017	1.6	
3/23/2018	1.6	
10/3/2018	1.6	
3/27/2019	1.5	
9/12/2019	1.7	
3/19/2020	1.9	
9/11/2020	1.8	
4/5/2021	2	
8/12/2021	1.8	
2/14/2022	1.8	
8/31/2022	1.6	
2/28/2023		1.8
8/3/2023		1.7
3/4/2024		1.8
8/8/2024		1.8

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 9/23/2024 12:23 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49	GWA-49
4/7/2016	2.285	
6/14/2016	2.3	
8/9/2016	2.3	
10/11/2016	2.1	
12/2/2016	2	
2/9/2017	2.1	
4/7/2017	2	
6/22/2017	2	
10/10/2017	2	
3/22/2018	1.9	
10/3/2018	2	
3/27/2019	1.9	
9/12/2019	1.9	
3/19/2020	2.2	
9/10/2020	2.1	
4/6/2021	2.1	
8/12/2021	2.2	
2/14/2022	2	
8/30/2022	2.2	
3/1/2023		2.1
8/3/2023		1.9
3/4/2024		2
8/9/2024		2

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 9/23/2024 12:23 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-29
4/11/2016	1.57 (O)	
6/15/2016	3.9	
8/10/2016	4	
10/11/2016	3.7	
12/5/2016	3.6	
2/13/2017	3.4	
4/10/2017	3.5	
6/23/2017	3.4	
10/10/2017	3.3	
3/26/2018	3.1	
10/4/2018	3.1	
3/28/2019	2.8	
9/12/2019	3	
3/19/2020	3.4	
9/10/2020	3.3	
4/6/2021	3.3	
8/13/2021	3.7	
2/14/2022	3.8	
8/31/2022	3.5	
3/1/2023		3.9
8/3/2023		3.3
3/4/2024		3.4
8/8/2024		3.2

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 9/23/2024 12:23 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-50	GWC-50
4/11/2016	2.09	
6/15/2016	2.1	
8/10/2016	2	
10/11/2016	1.9	
12/2/2016	1.9	
2/13/2017	1.9	
4/7/2017	2	
6/22/2017	1.9	
10/10/2017	1.9	
3/23/2018	1.9	
10/4/2018	1.9	
3/28/2019	1.8	
9/12/2019	1.8	
3/19/2020	2.1	
9/10/2020	2.1	
4/6/2021	1.9	
8/13/2021	2.1	
2/14/2022	1.9	
8/31/2022	1.6	
3/1/2023		14
5/2/2023		1.7 (R)
8/3/2023		1.6
3/4/2024		1.9
8/8/2024		1.8

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 9/23/2024 12:23 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-51	GWC-51
4/11/2016	2.09 (O)	
6/16/2016	6.3	
8/10/2016	6.9	
10/13/2016	6.5	
12/5/2016	6.6	
2/13/2017	6.7	
4/10/2017	6.7	
6/23/2017	6.6	
10/11/2017	6.5	
3/26/2018	6.6	
10/4/2018	6.9	
3/27/2019	7	
9/12/2019	6.8	
3/19/2020	7.3	
9/11/2020	7.7	
4/5/2021	7.8	
8/13/2021	8	
2/15/2022	7.6	
8/31/2022	7.7	
2/28/2023		7.9
8/3/2023		7.8
3/4/2024		8.4
8/8/2024		8

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 9/23/2024 12:23 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-52	GWC-52
4/11/2016	<0.25 (O)	
6/16/2016	7.4	
8/11/2016	8.3	
10/13/2016	7.8	
12/5/2016	8.1	
2/13/2017	8	
4/11/2017	7.6	
6/24/2017	8.3	
10/11/2017	7.9	
3/26/2018	7.8	
10/4/2018	8.1	
3/28/2019	7.5	
9/12/2019	7.7	
3/19/2020	8.2	
9/11/2020	7.9	
4/5/2021	8.2	
8/17/2021	8.3	
2/14/2022	7.6	
8/31/2022	7.6	
3/1/2023		8
8/3/2023		7.6
3/4/2024		8.1
8/8/2024		4.3 (J)

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 9/23/2024 12:23 PM View: Appendix III - Inrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-53	GWC-53
4/8/2016	10.065	
6/16/2016	9.4	
8/11/2016	10	
10/13/2016	9.9	
12/6/2016	10	
2/13/2017	10	
4/11/2017	10	
6/24/2017	10	
10/11/2017	10	
3/26/2018	11	
10/4/2018	12	
3/28/2019	12	
9/12/2019	11	
3/19/2020	13	
9/11/2020	12	
4/6/2021	13	
8/13/2021	13	
2/14/2022	12	
8/31/2022	13	
2/28/2023		13
8/3/2023		14
10/4/2023		15 (R)
3/4/2024		15
5/20/2024		13 (R)
8/8/2024		29

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 9/23/2024 12:23 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21	GWA-21
4/6/2016	0.035 (J)	
6/14/2016	<0.1	
8/10/2016	<0.1	
10/11/2016	<0.1	
12/2/2016	<0.1	
2/10/2017	<0.1	
4/10/2017	<0.1	
6/23/2017	<0.1	
10/9/2017	<0.1	
3/26/2018	<0.1	
10/3/2018	<0.1	
3/27/2019	0.035 (J)	
9/12/2019	0.04 (J)	
3/19/2020	0.059 (J)	
9/10/2020	0.044 (J)	
4/2/2021	0.028 (J)	
8/12/2021	0.04 (J)	
2/14/2022	0.058 (J)	
8/26/2022	0.092 (J)	
2/28/2023		0.076 (J)
8/2/2023		0.044 (J)
2/29/2024		<0.1
8/6/2024		<0.1

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 9/23/2024 12:23 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-22	GWA-22
4/8/2016	<0.1	
6/14/2016	<0.1	
8/9/2016	<0.1	
10/11/2016	<0.1	
12/5/2016	<0.1	
2/10/2017	<0.1	
4/7/2017	<0.1	
6/26/2017	<0.1	
10/9/2017	<0.1	
3/26/2018	<0.1 (D)	
10/3/2018	<0.1	
3/27/2019	0.036 (J)	
9/12/2019	0.043 (J)	
3/19/2020	0.054 (J)	
9/10/2020	0.034 (J)	
4/2/2021	0.032 (J)	
8/12/2021	0.028 (J)	
2/15/2022	0.088 (J)	
8/26/2022	0.028 (J)	
2/28/2023		0.071 (J)
8/3/2023		0.042 (J)
3/4/2024		<0.1
8/8/2024		<0.1

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 9/23/2024 12:23 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-45	GWA-45
4/7/2016	0.035 (J)	
6/14/2016	<0.1	
8/9/2016	<0.1	
10/10/2016	<0.1	
12/2/2016	<0.1	
2/9/2017	<0.1	
4/7/2017	<0.1	
6/22/2017	<0.1	
10/10/2017	<0.1	
3/22/2018	<0.1 (D)	
10/3/2018	<0.1	
3/27/2019	<0.1	
9/12/2019	0.026 (J)	
3/19/2020	0.041 (J)	
9/11/2020	<0.1	
4/2/2021	<0.1	
8/12/2021	<0.1	
2/14/2022	0.052 (J)	
8/31/2022	0.033 (J)	
2/28/2023		0.069 (J)
8/3/2023		<0.1
3/4/2024		<0.1
8/8/2024		<0.1

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 9/23/2024 12:23 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-46	GWA-46
4/7/2016	0.024 (J)	
6/14/2016	<0.1	
8/9/2016	<0.1	
10/10/2016	<0.1	
12/2/2016	<0.1	
2/10/2017	<0.1	
4/7/2017	<0.1	
6/23/2017	<0.1	
10/10/2017	<0.1	
3/23/2018	<0.1	
10/4/2018	<0.1	
3/27/2019	0.033 (J)	
9/12/2019	<0.1	
3/19/2020	<0.1	
9/11/2020	<0.1	
4/5/2021	0.039 (J)	
8/12/2021	0.11	
2/14/2022	0.05 (J)	
8/31/2022	0.033 (J)	
2/28/2023		0.05 (J)
8/3/2023		<0.1
3/4/2024		<0.1
8/8/2024		<0.1

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 9/23/2024 12:23 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47	GWA-47
4/8/2016	<0.1	
6/14/2016	<0.1	
8/9/2016	<0.1	
10/11/2016	<0.1	
12/5/2016	<0.1	
2/10/2017	<0.1	
4/7/2017	<0.1	
6/22/2017	<0.1	
10/10/2017	<0.1	
3/22/2018	<0.1	
10/5/2018	<0.1	
3/27/2019	0.041 (J)	
9/12/2019	0.041 (J)	
3/20/2020	<0.1	
9/11/2020	0.034 (J)	
4/5/2021	0.038 (J)	
8/13/2021	0.09 (J)	
2/14/2022	0.068 (J)	
8/31/2022	0.056 (J)	
2/28/2023		0.059 (J)
8/3/2023		0.047 (J)
3/4/2024		<0.1
8/8/2024		<0.1

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 9/23/2024 12:23 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48	GWA-48
4/7/2016	0.044 (J)	
6/17/2016	<0.1	
8/10/2016	<0.1	
10/14/2016	<0.1	
12/19/2016	0.1 (J)	
2/13/2017	<0.1	
4/7/2017	<0.1	
6/22/2017	<0.1	
10/10/2017	<0.1	
3/23/2018	<0.1	
10/3/2018	<0.1	
3/27/2019	0.04 (J)	
9/12/2019	0.044 (J)	
3/19/2020	0.049 (J)	
9/11/2020	0.035 (J)	
4/5/2021	0.031 (J)	
8/12/2021	0.052 (J)	
2/14/2022	0.056 (J)	
8/31/2022	0.053 (J)	
2/28/2023		0.079 (J)
8/3/2023		0.045 (J)
3/4/2024		<0.1
8/8/2024		<0.1

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 9/23/2024 12:23 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49	GWA-49
4/7/2016	0.041 (J)	
6/14/2016	<0.1	
8/9/2016	<0.1	
10/11/2016	<0.1	
12/2/2016	<0.1	
2/9/2017	<0.1	
4/7/2017	<0.1	
6/22/2017	<0.1	
10/10/2017	<0.1	
3/22/2018	<0.1	
10/3/2018	<0.1	
3/27/2019	0.037 (J)	
9/12/2019	0.042 (J)	
3/19/2020	0.044 (J)	
9/10/2020	0.036 (J)	
4/6/2021	0.03 (J)	
8/12/2021	0.058 (J)	
2/14/2022	0.07 (J)	
8/30/2022	0.044 (J)	
3/1/2023		0.036 (J)
8/3/2023		0.044 (J)
3/4/2024		<0.1
8/9/2024		<0.1

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 9/23/2024 12:23 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-29
4/11/2016	0.033 (J)	
6/15/2016	<0.1	
8/10/2016	<0.1	
10/11/2016	<0.1	
12/5/2016	<0.1	
2/13/2017	<0.1	
4/10/2017	<0.1	
6/23/2017	<0.1	
10/10/2017	<0.1	
3/26/2018	<0.1	
10/4/2018	<0.1	
3/28/2019	0.033 (J)	
9/12/2019	0.042 (J)	
3/19/2020	0.042 (J)	
9/10/2020	0.04 (J)	
4/6/2021	0.031 (J)	
8/13/2021	0.065 (J)	
2/14/2022	0.074 (J)	
8/31/2022	0.082 (J)	
3/1/2023		0.042 (J)
8/3/2023		0.06 (J)
3/4/2024		<0.1
8/8/2024		<0.1

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 9/23/2024 12:23 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-50	GWC-50
4/11/2016	0.027 (J)	
6/15/2016	<0.1	
8/10/2016	<0.1	
10/11/2016	<0.1	
12/2/2016	<0.1	
2/13/2017	<0.1	
4/7/2017	<0.1	
6/22/2017	<0.1	
10/10/2017	<0.1	
3/23/2018	<0.1	
10/4/2018	<0.1	
3/28/2019	0.042 (J)	
9/12/2019	0.028 (J)	
3/19/2020	0.039 (J)	
9/10/2020	<0.1	
4/6/2021	<0.1	
8/13/2021	0.048 (J)	
2/14/2022	0.057 (J)	
8/31/2022	0.065 (J)	
3/1/2023		0.029 (J)
8/3/2023		<0.1
3/4/2024		<0.1
8/8/2024		<0.1

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 9/23/2024 12:23 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-51	GWC-51
4/11/2016	0.027 (J)	
6/16/2016	<0.1	
8/10/2016	<0.1	
10/13/2016	<0.1	
12/5/2016	<0.1	
2/13/2017	<0.1	
4/10/2017	<0.1	
6/23/2017	<0.1	
10/11/2017	<0.1	
3/26/2018	<0.1	
10/4/2018	<0.1	
3/27/2019	<0.1	
9/12/2019	0.028 (J)	
3/19/2020	0.037 (J)	
9/11/2020	0.049 (J)	
4/5/2021	<0.1	
8/13/2021	0.043 (J)	
2/15/2022	0.06 (J)	
8/31/2022	0.066 (J)	
2/28/2023		0.074 (J)
8/3/2023		<0.1
3/4/2024		<0.1
8/8/2024		<0.1

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 9/23/2024 12:23 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-52	GWC-52
4/11/2016	<0.1	
6/16/2016	<0.1	
8/11/2016	<0.1	
10/13/2016	<0.1	
12/5/2016	<0.1	
2/13/2017	<0.1	
4/11/2017	<0.1	
6/24/2017	<0.1	
10/11/2017	<0.1	
3/26/2018	<0.1	
10/4/2018	<0.1	
3/28/2019	0.039 (J)	
9/12/2019	0.042 (J)	
3/19/2020	0.053 (J)	
9/11/2020	0.041 (J)	
4/5/2021	0.05 (J)	
8/17/2021	0.094 (J)	
2/14/2022	0.055 (J)	
8/31/2022	0.053 (J)	
3/1/2023		0.066 (J)
8/3/2023		0.046 (J)
3/4/2024		<0.1
8/8/2024		<0.1

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 9/23/2024 12:23 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-53	GWC-53
4/8/2016	<0.1	
6/16/2016	<0.1	
8/11/2016	<0.1	
10/13/2016	<0.1	
12/6/2016	<0.1	
2/13/2017	<0.1	
4/11/2017	<0.1	
6/24/2017	<0.1	
10/11/2017	<0.1	
3/26/2018	<0.1	
10/4/2018	<0.1	
3/28/2019	<0.1	
9/12/2019	<0.1	
3/19/2020	<0.1	
9/11/2020	<0.1	
4/6/2021	<0.1	
8/13/2021	0.034 (J)	
2/14/2022	0.041 (J)	
8/31/2022	0.055 (J)	
2/28/2023		0.031 (J)
8/3/2023		<0.1
3/4/2024		<0.1
8/8/2024		<0.1

Prediction Limit

Constituent: pH (S.U.) Analysis Run 9/23/2024 12:23 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21	GWA-21
11/8/2014	5.89	
11/13/2015	5.65	
4/6/2016	5.9 (D)	
6/14/2016	5.75	
8/10/2016	5.75	
10/11/2016	5.8	
12/2/2016	5.78	
2/10/2017	5.83	
4/10/2017	5.74	
6/26/2017	5.83	
10/9/2017	5.61	
3/26/2018	5.76	
10/3/2018	5.78	
3/27/2019	5.97	
9/12/2019	5.83	
3/19/2020	5.81	
9/10/2020	5.83	
4/2/2021	6.06	
8/12/2021	5.88	
2/14/2022	5.99	
8/26/2022	5.73 (D)	
2/28/2023		5.81
8/2/2023		5.86
2/29/2024		5.8
8/6/2024		5.76

Prediction Limit

Constituent: pH (S.U.) Analysis Run 9/23/2024 12:23 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-22	GWA-22
11/8/2014	5.92	
5/21/2015	5.97	
11/13/2015	5.8	
4/8/2016	6.12	
6/14/2016	5.84	
8/9/2016	5.75	
10/11/2016	5.84	
12/5/2016	5.7	
2/10/2017	6.17	
4/7/2017	5.99	
6/26/2017	5.87	
10/9/2017	5.52	
3/26/2018	6.06	
10/3/2018	5.83	
3/27/2019	6.04	
9/12/2019	5.87	
3/19/2020	6.14	
9/10/2020	5.78	
4/2/2021	6.03	
8/12/2021	5.91	
2/15/2022	6.4	
8/26/2022	5.86 (D)	
2/28/2023		6.21
8/3/2023		6.03
3/4/2024		6.41
8/8/2024		5.93

Prediction Limit

Constituent: pH (S.U.) Analysis Run 9/23/2024 12:23 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-45	GWA-45
11/7/2014	6.26	
11/13/2015	6.02	
4/7/2016	6.48	
6/14/2016	6.05	
8/9/2016	6.05	
10/10/2016	6.02	
12/2/2016	5.95	
2/9/2017	6.24	
4/7/2017	5.95	
6/22/2017	6.02	
10/10/2017	6	
3/22/2018	6.2	
10/3/2018	6.03	
3/27/2019	6.31	
9/13/2019	5.96	
3/19/2020	6.46	
9/11/2020	5.98	
4/2/2021	5.92	
8/12/2021	5.92	
2/14/2022	6.31	
8/31/2022	6.03	
10/25/2022	5.99	
11/16/2022	6.02	
2/28/2023		5.88
8/3/2023		5.93
3/4/2024		6.54
8/8/2024		5.9

Prediction Limit

Constituent: pH (S.U.) Analysis Run 9/23/2024 12:23 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-46	GWA-46
11/7/2014	5.92	
11/13/2015	5.78	
4/7/2016	6.83	
6/14/2016	5.82	
8/1/2016	5.78	
10/10/2016	5.78	
12/2/2016	5.71	
2/10/2017	5.79	
4/7/2017	5.93	
6/23/2017	5.77	
10/10/2017	5.81	
3/23/2018	5.89	
10/4/2018	5.86	
3/27/2019	5.95	
9/12/2019	5.83	
3/19/2020	5.93	
9/11/2020	6.02	
4/5/2021	5.92	
6/1/2021	5.8	
8/12/2021	5.71	
2/14/2022	5.85	
8/31/2022	5.8	
10/25/2022	5.88	
11/16/2022	5.88	
2/28/2023		5.91
8/3/2023		5.841351
3/4/2024		5.94
8/8/2024		5.77

Prediction Limit

Constituent: pH (S.U.) Analysis Run 9/23/2024 12:23 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47	GWA-47
11/7/2014	6.54	
11/12/2015	6.43	
4/7/2016	6.45 (D)	
4/8/2016	6.45	
6/14/2016	6.4	
8/9/2016	6.43	
10/11/2016	6.34	
12/5/2016	6.46	
2/10/2017	6.33	
4/7/2017	6.38	
6/22/2017	6.45	
10/10/2017	6.44	
3/22/2018	6.46	
10/5/2018	6.47	
3/27/2019	6.52	
9/12/2019	6.49	
3/19/2020	6.39	
3/20/2020	6.39	
9/11/2020	6.59	
4/5/2021	6.59	
6/1/2021	6.46	
8/13/2021	6.33	
2/14/2022	6.6	
8/31/2022	6.53	
10/25/2022	6.48	
11/16/2022	6.51	
2/28/2023		6.52
8/3/2023		6.42
3/4/2024		6.49
8/8/2024		6.34

Prediction Limit

Constituent: pH (S.U.) Analysis Run 9/23/2024 12:23 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48	GWA-48
11/7/2014	6.91	
11/12/2015	6.81	
4/7/2016	6.74	
6/17/2016	6.78	
8/10/2016	6.73	
10/14/2016	6.7	
12/5/2016	6.71	
2/13/2017	6.56	
4/7/2017	6.62	
6/22/2017	6.76	
10/10/2017	6.7	
3/23/2018	6.92	
10/3/2018	6.81	
3/27/2019	6.86	
9/12/2019	6.78	
3/19/2020	6.73	
9/11/2020	6.76	
4/5/2021	6.78	
6/1/2021	6.78	
8/12/2021	6.86	
2/14/2022	6.93	
8/31/2022	6.91	
10/25/2022	6.81	
11/16/2022	6.83	
2/28/2023		6.87
8/3/2023		6.84
3/4/2024		6.86
8/8/2024		6.72

Prediction Limit

Constituent: pH (S.U.) Analysis Run 9/23/2024 12:23 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49	GWA-49
11/7/2014	6.99	
11/12/2015	7	
4/7/2016	6.85	
6/14/2016	6.83	
8/9/2016	6.77	
10/11/2016	6.83	
12/2/2016	6.79	
2/9/2017	6.65	
4/7/2017	6.75	
6/22/2017	6.85	
10/10/2017	6.84	
3/22/2018	7	
10/3/2018	6.93	
3/27/2019	6.91	
9/12/2019	6.82	
3/19/2020	6.87	
9/10/2020	6.91	
4/6/2021	6.87	
8/12/2021	6.86	
2/14/2022	7.1	
8/30/2022	7.08	
10/25/2022	6.96	
11/16/2022	6.91	
3/1/2023		6.98
8/3/2023		6.88
3/4/2024		6.96
8/9/2024		6.82

Prediction Limit

Constituent: pH (S.U.) Analysis Run 9/23/2024 12:23 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-29
5/22/2015	5.8	
11/13/2015	5.87	
4/11/2016	5.84	
6/15/2016	5.82	
8/10/2016	5.82	
10/11/2016	5.78	
12/5/2016	5.72	
2/13/2017	5.81	
4/10/2017	5.75	
6/23/2017	5.78	
10/10/2017	5.82	
3/26/2018	5.91	
10/4/2018	5.83	
3/28/2019	5.95	
9/12/2019	5.98	
3/19/2020	5.97	
9/10/2020	6.09	
4/6/2021	6.3	
8/13/2021	6.18	
2/14/2022	6.29	
8/31/2022	6.21	
10/25/2022	6.21	
11/16/2022	6.14	
3/1/2023		6.11
8/3/2023		5.94
3/4/2024		6.52
8/8/2024		6.14

Prediction Limit

Constituent: pH (S.U.) Analysis Run 9/23/2024 12:23 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-50	GWC-50
11/8/2014	5.94	
5/22/2015	5.79	
11/13/2015	5.92	
4/11/2016	5.82	
6/15/2016	5.85	
8/10/2016	5.85	
10/11/2016	5.76	
12/2/2016	5.76	
2/13/2017	5.8	
4/7/2017	5.75	
6/22/2017	5.83	
10/10/2017	5.76	
3/23/2018	5.98	
10/4/2018	5.85	
3/28/2019	5.71	
9/13/2019	5.78	
3/19/2020	5.78	
9/10/2020	5.78	
4/6/2021	5.76	
8/13/2021	5.86	
2/14/2022	5.9	
8/31/2022	5.85	
10/25/2022	5.89	
11/16/2022	5.81	
3/1/2023		5.69
5/2/2023		5.82 (R)
8/3/2023		5.89
3/4/2024		5.77
8/8/2024		5.74

Prediction Limit

Constituent: pH (S.U.) Analysis Run 9/23/2024 12:23 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-51	GWC-51
11/7/2014	5.95	
5/22/2015	5.84	
5/25/2015	8.36 (o)	
11/13/2015	5.82	
4/11/2016	5.88	
6/16/2016	5.85	
8/10/2016	5.83	
10/13/2016	5.84	
12/5/2016	5.81	
2/13/2017	5.76	
4/10/2017	5.78	
6/23/2017	5.82	
10/11/2017	5.83	
3/26/2018	5.98	
10/4/2018	5.85	
3/27/2019	5.94	
9/12/2019	5.86	
3/19/2020	5.9	
9/11/2020	5.84	
4/5/2021	5.99	
6/2/2021	5.87	
8/13/2021	5.92	
2/15/2022	6.02	
8/31/2022	5.91	
10/25/2022	5.94	
11/16/2022	5.87	
2/28/2023		5.86
8/3/2023		5.86
3/4/2024		5.85
8/8/2024		5.91

Prediction Limit

Constituent: pH (S.U.) Analysis Run 9/23/2024 12:23 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-52	GWC-52
11/7/2014	6.75	
5/22/2015	6.65	
5/25/2015	7.63 (o)	
11/13/2015	6.77	
4/11/2016	6.64	
6/16/2016	6.6	
8/11/2016	6.61	
10/13/2016	6.64	
12/5/2016	6.63	
2/13/2017	6.59	
4/11/2017	6.53	
6/26/2017	6.6	
10/11/2017	6.61	
3/26/2018	6.77	
10/4/2018	6.67	
3/28/2019	6.71	
9/12/2019	6.68	
3/19/2020	6.64	
9/11/2020	6.64	
4/5/2021	6.68	
6/2/2021	6.6	
8/17/2021	6.63	
2/14/2022	6.79	
8/31/2022	6.74	
10/25/2022	6.65	
11/16/2022	6.65	
3/1/2023		6.59
8/3/2023		6.63
3/4/2024		7.01
8/8/2024		6.54

Prediction Limit

Constituent: pH (S.U.) Analysis Run 9/23/2024 12:23 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-53	GWC-53
11/7/2014	5.67	
5/25/2015	7.725 (oD)	
11/13/2015	5.52	
4/8/2016	5.63	
6/16/2016	5.56	
8/11/2016	5.56	
10/13/2016	5.61	
12/6/2016	5.48	
2/13/2017	5.57	
4/11/2017	5.52	
6/26/2017	5.56	
10/11/2017	5.51	
3/26/2018	5.78	
10/4/2018	5.56	
3/28/2019	5.67	
9/13/2019	5.55	
3/19/2020	5.65	
9/11/2020	5.69	
4/6/2021	5.67	
8/13/2021	5.47	
2/14/2022	5.65	
8/31/2022	5.59	
10/25/2022	5.64	
11/16/2022	5.65	
2/28/2023		5.66
8/3/2023		5.56
3/4/2024		5.9
5/20/2024		5.6 (R)
8/8/2024		5.58

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 9/23/2024 12:23 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21	GWA-21
4/6/2016	0.813 (J)	
6/14/2016	<1.1	
8/10/2016	0.9 (J)	
10/11/2016	0.99 (J)	
12/2/2016	0.99 (J)	
2/10/2017	1.4	
4/10/2017	1.6	
6/23/2017	1.8	
10/9/2017	2.5	
3/26/2018	2.3	
10/3/2018	1.9	
3/27/2019	0.81 (J)	
9/12/2019	1.3	
3/19/2020	0.92 (J)	
9/10/2020	1.3	
4/2/2021	0.99 (J)	
8/12/2021	1.8	
2/14/2022	1	
8/26/2022	2.7	
2/28/2023		2.7
8/2/2023		1.4
2/29/2024		2.8
8/6/2024		1.7

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 9/23/2024 12:23 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-22	GWA-22
4/8/2016	<1	
6/14/2016	<1	
8/9/2016	<1	
10/11/2016	<1	
12/5/2016	<1	
2/10/2017	<1	
4/7/2017	<1	
6/26/2017	<1	
10/9/2017	<1	
3/26/2018	<1 (D)	
10/3/2018	<1	
3/27/2019	<1	
9/12/2019	0.38 (J)	
3/19/2020	<1	
9/10/2020	<1	
4/2/2021	<1	
8/12/2021	<1	
2/15/2022	0.87 (J)	
8/26/2022	<1	
2/28/2023		1.7
8/3/2023		<1
3/4/2024		<1
8/8/2024		<1

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 9/23/2024 12:23 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-45	GWA-45
4/7/2016	107.095	
6/14/2016	160	
8/9/2016	130	
10/10/2016	140	
12/2/2016	150	
2/9/2017	150	
4/7/2017	140	
6/22/2017	160	
10/10/2017	160	
3/22/2018	150 (D)	
10/3/2018	140	
3/27/2019	140	
9/12/2019	170	
3/19/2020	150	
9/11/2020	170	
4/2/2021	180	
8/12/2021	180	
2/14/2022	130	
8/31/2022	170	
2/28/2023		170
8/3/2023		170
3/4/2024		160
8/8/2024		300

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 9/23/2024 12:23 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-46	GWA-46
4/7/2016	0.594 (J)	
6/14/2016	<1	
8/9/2016	<1	
10/10/2016	<1	
12/2/2016	<1	
2/10/2017	<1	
4/7/2017	<1	
6/23/2017	<1	
10/10/2017	<1	
3/23/2018	<1	
10/4/2018	<1	
3/27/2019	0.52 (J)	
9/12/2019	0.61 (J)	
3/19/2020	0.39 (J)	
9/11/2020	0.99 (J)	
4/5/2021	<1	
8/12/2021	1	
2/14/2022	<1	
8/31/2022	1.1	
2/28/2023		1.7
8/3/2023		0.49 (J)
3/4/2024		0.64 (J)
8/8/2024		<1

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 9/23/2024 12:23 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47	GWA-47
4/8/2016	<1	
6/14/2016	<1	
8/9/2016	<1	
10/11/2016	<1	
12/5/2016	<1	
2/10/2017	<1	
4/7/2017	<1	
6/22/2017	<1	
10/10/2017	<1	
3/22/2018	<1	
10/5/2018	<1	
3/27/2019	<1	
9/12/2019	0.4 (J)	
3/20/2020	0.58 (J)	
9/11/2020	0.39 (J)	
4/5/2021	<1	
8/13/2021	<1	
2/14/2022	<1	
8/31/2022	1.1	
2/28/2023		1.6
8/3/2023		<1
3/4/2024		0.46 (J)
8/8/2024		<1

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 9/23/2024 12:23 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48	GWA-48
4/7/2016	1.522	
6/17/2016	1.1	
8/10/2016	1.1	
10/14/2016	0.89 (J)	
12/19/2016	1.2	
2/13/2017	1.4	
4/7/2017	1.2	
6/22/2017	1.1	
10/10/2017	0.92 (J)	
3/23/2018	1.3	
10/3/2018	1.2	
3/27/2019	1.6	
9/12/2019	1.2	
3/19/2020	1.5	
9/11/2020	1.3	
4/5/2021	1.3	
8/12/2021	1	
2/14/2022	1.2	
8/31/2022	1.6	
2/28/2023		2.5
8/3/2023		0.94 (J)
3/4/2024		1.4
8/8/2024		0.66 (J)

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 9/23/2024 12:23 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49	GWA-49
4/7/2016	0.507 (J)	
6/14/2016	<1	
8/9/2016	<1	
10/11/2016	<1	
12/2/2016	<1	
2/9/2017	<1	
4/7/2017	<1	
6/22/2017	<1	
10/10/2017	<1	
3/22/2018	<1	
10/3/2018	<1	
3/27/2019	0.56 (J)	
9/12/2019	0.77 (J)	
3/19/2020	0.56 (J)	
9/10/2020	0.42 (J)	
4/6/2021	<1	
8/12/2021	<1	
2/14/2022	0.85 (J)	
8/30/2022	0.76 (J)	
3/1/2023		1.2
8/3/2023		0.46 (J)
3/4/2024		0.66 (J)
8/9/2024		<1

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 9/23/2024 12:23 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-29
4/11/2016	2.15	
6/15/2016	<2.5	
8/10/2016	2.5	
10/11/2016	2.7	
12/5/2016	2.6	
2/13/2017	2.4	
4/10/2017	2.3	
6/23/2017	2.5	
10/10/2017	2.5	
3/26/2018	2.4	
10/4/2018	2.8	
3/28/2019	3.2	
9/12/2019	3.2	
3/19/2020	3.2	
9/10/2020	2.7	
4/6/2021	2.5	
8/13/2021	2.7	
2/14/2022	2.9	
8/31/2022	2.8	
3/1/2023		2.4
8/3/2023		1.7
3/4/2024		2.1
8/8/2024		1.7

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 9/23/2024 12:23 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-50	GWC-50
4/11/2016	<1	
6/15/2016	<1	
8/10/2016	<1	
10/11/2016	<1	
12/2/2016	<1	
2/13/2017	<1	
4/7/2017	<1	
6/22/2017	<1	
10/10/2017	<1	
3/23/2018	<1	
10/4/2018	<1	
3/28/2019	0.38 (J)	
9/12/2019	<1	
3/19/2020	<1	
9/10/2020	<1	
4/6/2021	<1	
8/13/2021	<1	
2/14/2022	<1	
8/31/2022	0.88 (J)	
3/1/2023		170
8/3/2023		<1
3/4/2024		<1
8/8/2024		<1

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 9/23/2024 12:23 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-51	GWC-51
4/11/2016	0.415 (J)	
6/16/2016	<0.7	
8/10/2016	<0.7	
10/13/2016	<0.7	
12/5/2016	<0.7	
2/13/2017	<0.7	
4/10/2017	<0.7	
6/23/2017	<0.7	
10/11/2017	<0.7	
3/26/2018	<0.7	
10/4/2018	<0.7	
3/27/2019	2.7	
9/12/2019	0.65 (J)	
3/19/2020	0.71 (J)	
9/11/2020	2.6	
4/5/2021	1.7	
8/13/2021	1.4	
2/15/2022	1.8	
8/31/2022	2.4	
2/28/2023		3.2
8/3/2023		2.2
3/4/2024		2.9
8/8/2024		2.8

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 9/23/2024 12:23 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-52	GWC-52
4/11/2016	<1	
6/16/2016	10	
8/11/2016	9.8	
10/13/2016	11	
12/5/2016	13	
2/13/2017	14	
4/11/2017	12	
6/24/2017	12	
10/11/2017	13	
3/26/2018	20	
10/4/2018	23	
3/28/2019		29
9/12/2019		34
3/19/2020		40
9/11/2020		39
4/5/2021		57
8/17/2021		54
2/14/2022		56
8/31/2022		65
3/1/2023		70
8/3/2023		74
3/4/2024		90
8/8/2024		41

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 9/23/2024 12:23 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-53	GWC-53
4/8/2016	135.355	
6/16/2016	140	
8/11/2016	130	
10/13/2016	140	
12/6/2016	150	
2/13/2017	160	
4/11/2017	130	
6/24/2017	160	
10/11/2017	160	
3/26/2018	160	
10/4/2018	170	
3/28/2019	170	
9/12/2019	170	
3/19/2020	170	
9/11/2020	160	
4/6/2021	160	
8/13/2021	170	
2/14/2022	150	
8/31/2022	170	
2/28/2023		170
8/3/2023		170
3/4/2024		180
8/8/2024		340

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 9/23/2024 12:23 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21	GWA-21
4/6/2016	51	
6/14/2016	62	
8/10/2016	70	
10/11/2016	84	
12/2/2016	74	
2/10/2017	100	
4/10/2017	82	
6/23/2017	72	
10/9/2017	82	
3/26/2018	94	
10/3/2018	72	
3/27/2019	98	
9/12/2019	130	
3/19/2020	100	
9/10/2020	110	
4/2/2021	100	
8/12/2021	98	
2/14/2022	100	
8/26/2022	110	
2/28/2023		98
8/2/2023		98
2/29/2024		92
8/6/2024		87

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 9/23/2024 12:23 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-22	GWA-22
4/8/2016	74	
6/14/2016	111	
8/9/2016	44	
10/11/2016	64	
12/5/2016	52	
2/10/2017	86	
4/7/2017	68	
6/26/2017	76	
10/9/2017	50	
3/26/2018	56	
10/3/2018	42	
3/27/2019	76	
9/12/2019	72	
3/19/2020	65	
9/10/2020	56	
4/2/2021	69	
8/12/2021	68	
2/15/2022	85	
8/26/2022	83	
2/28/2023		99
8/3/2023		77
3/4/2024		96
8/8/2024		73

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 9/23/2024 12:23 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-45	GWA-45
4/7/2016	237	
6/14/2016	240	
8/9/2016	230	
10/10/2016	240	
12/2/2016	270	
2/9/2017	240	
4/7/2017	260	
6/22/2017	300	
10/10/2017	280	
3/22/2018	310	
10/3/2018	190	
3/27/2019	290	
9/12/2019	340	
3/19/2020	310	
9/11/2020	340	
4/2/2021	360	
8/12/2021	330	
2/14/2022	290	
11/16/2022	300	
2/28/2023		320
8/3/2023		310
3/4/2024		310
8/8/2024		290

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 9/23/2024 12:23 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-46	GWA-46
4/7/2016	69	
6/14/2016	<25	
8/9/2016	40	
10/10/2016	34	
12/2/2016	50	
2/10/2017	60	
4/7/2017	70	
6/23/2017	42	
10/10/2017	34	
3/23/2018	52	
10/4/2018	48	
3/27/2019	66	
9/12/2019	97	
3/19/2020	51	
9/11/2020	51	
4/5/2021	46	
8/12/2021	55	
2/14/2022	68	
11/16/2022	55	
2/28/2023		64
8/3/2023		63
3/4/2024		66
8/8/2024		67

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 9/23/2024 12:24 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47	GWA-47
4/8/2016	89	
6/14/2016	55	
8/9/2016	90	
10/11/2016	86	
12/5/2016	74	
2/10/2017	100	
4/7/2017	92	
6/22/2017	64	
10/10/2017	68	
3/22/2018	92	
10/5/2018	90	
3/27/2019	94	
9/12/2019	88	
3/20/2020	99	
9/11/2020	110	
4/5/2021	63	
8/13/2021	110	
2/14/2022	94	
11/16/2022	94	
2/28/2023		120
8/3/2023		100
3/4/2024		99
8/8/2024		100

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 9/23/2024 12:24 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48	GWA-48
4/7/2016	100	
6/17/2016	69	
8/10/2016	110	
10/14/2016	100	
12/19/2016	100	
2/13/2017	80	
4/7/2017	86	
6/22/2017	72	
10/10/2017	70	
3/23/2018	86	
10/3/2018	88	
3/27/2019	100	
9/12/2019	110	
3/19/2020	97	
9/11/2020	120	
4/5/2021	99	
8/12/2021	100	
2/14/2022	100	
11/16/2022	100	
2/28/2023		110
8/3/2023		100
3/4/2024		100
8/8/2024		94

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 9/23/2024 12:24 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49	GWA-49
4/7/2016	114	
6/14/2016	56 (O)	
8/9/2016	100	
10/11/2016	110	
12/2/2016	94	
2/9/2017	100	
4/7/2017	100	
6/22/2017	110	
10/10/2017	100	
3/22/2018	100	
10/3/2018	96	
3/27/2019	120	
9/12/2019	120	
3/19/2020	110	
9/10/2020	130	
4/6/2021	110	
8/12/2021	120	
2/14/2022	110	
11/16/2022	110	
3/1/2023		120
8/3/2023		130
3/4/2024		110
8/9/2024		110

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 9/23/2024 12:24 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-29
4/11/2016	88	
6/15/2016	114	
8/10/2016	82	
10/11/2016	92	
12/5/2016	86	
2/13/2017	62	
4/10/2017	60	
6/23/2017	74	
10/10/2017	86	
3/26/2018	58 (J)	
10/4/2018	130	
3/28/2019	88	
9/12/2019	110	
3/19/2020	110	
9/10/2020	120	
4/6/2021	110	
8/13/2021	120	
2/14/2022	120	
11/16/2022	110	
3/1/2023		130
8/3/2023		120
3/4/2024		110
8/8/2024		110

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 9/23/2024 12:24 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-50	GWC-50
4/11/2016	79	
6/15/2016	79	
8/10/2016	72	
10/11/2016	76	
12/2/2016	60	
2/13/2017	58	
4/7/2017	68	
6/22/2017	16	
10/10/2017	44	
3/23/2018	96	
10/4/2018	110	
3/28/2019	65	
9/12/2019	89	
3/19/2020	64	
9/10/2020	82	
4/6/2021	49	
8/13/2021	72	
2/14/2022	79	
11/16/2022	76	
3/1/2023		290
8/3/2023		77
3/4/2024		68
8/8/2024		76

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 9/23/2024 12:24 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-51	GWC-51
4/11/2016	88	
6/16/2016	74	
8/10/2016	66	
10/13/2016	72	
12/5/2016	70	
2/13/2017	12 (O)	
4/10/2017	80	
6/23/2017	66	
10/11/2017	56	
3/26/2018	72	
10/4/2018	96	
3/27/2019	76	
9/12/2019	110	
3/19/2020	66	
9/11/2020	87	
4/5/2021	66	
8/13/2021	92	
2/15/2022	67	
11/16/2022	89	
2/28/2023		84
8/3/2023		82
3/4/2024		86
8/8/2024		84

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 9/23/2024 12:24 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-52	GWC-52
4/11/2016	103	
6/16/2016	117	
8/11/2016	94	
10/13/2016	110	
12/5/2016	130	
2/13/2017	92	
4/11/2017	120	
6/24/2017	120	
10/11/2017	120	
3/26/2018	98	
10/4/2018	190	
3/28/2019	140	
9/12/2019	160	
3/19/2020	160	
9/11/2020	170	
4/5/2021	170	
8/17/2021	180	
2/14/2022	150	
11/16/2022	180	
3/1/2023		190
8/3/2023		200
3/4/2024		200
8/8/2024		210

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 9/23/2024 12:24 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-53	GWC-53
4/8/2016	237	
6/16/2016	231	
8/11/2016	190	
10/13/2016	230	
12/6/2016	260	
2/13/2017	230	
4/11/2017	210	
6/24/2017	250	
10/11/2017	280	
3/26/2018	240	
10/4/2018	320	
3/28/2019	280	
9/12/2019	300	
3/19/2020	270	
9/11/2020	290	
4/6/2021	250	
8/13/2021	290	
2/14/2022	280	
11/16/2022	270	
2/28/2023		280
8/3/2023		290
3/4/2024		310
8/8/2024		290

FIGURE H.

Appendix III Interwell Prediction Limits - Two-Step - Significant Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 9/23/2024, 6:00 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Chloride (mg/L)	GWC-53	27	n/a	8/8/2024	29	Yes	160	n/a	n/a	0	n/a	n/a	0.00007656	NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-53	300	n/a	8/8/2024	340	Yes	161	n/a	n/a	39.75	n/a	n/a	0.00007576	NP Inter (normality) 1 of 2

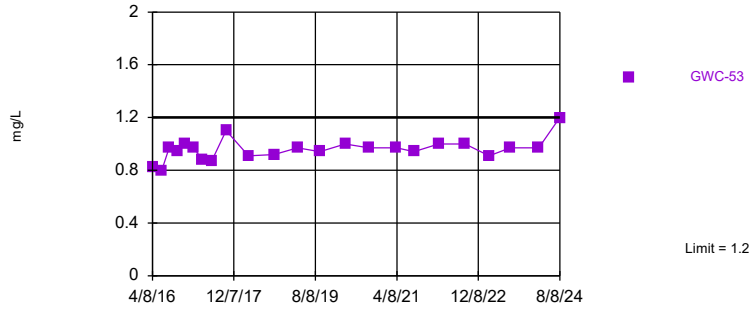
Appendix III Interwell Prediction Limits - Two-Step - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 9/23/2024, 6:00 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	GWC-53	1.2	n/a	8/8/2024	1.2	No	161	n/a	n/a	77.64	n/a	n/a	0.00007576	NP Inter (NDs) 1 of 2
Calcium (mg/L)	GWC-29	45	n/a	8/8/2024	19	No	161	n/a	n/a	0	n/a	n/a	0.00007576	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-51	45	n/a	8/8/2024	9	No	161	n/a	n/a	0	n/a	n/a	0.00007576	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-52	45	n/a	8/8/2024	30	No	161	n/a	n/a	0	n/a	n/a	0.00007576	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-53	45	n/a	8/8/2024	22	No	161	n/a	n/a	0	n/a	n/a	0.00007576	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-53	27	n/a	8/8/2024	29	Yes	160	n/a	n/a	0	n/a	n/a	0.00007656	NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-51	300	n/a	8/8/2024	2.8	No	161	n/a	n/a	39.75	n/a	n/a	0.00007576	NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-52	300	n/a	8/8/2024	41	No	161	n/a	n/a	39.75	n/a	n/a	0.00007576	NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-53	300	n/a	8/8/2024	340	Yes	161	n/a	n/a	39.75	n/a	n/a	0.00007576	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWC-52	360	n/a	8/8/2024	210	No	160	n/a	n/a	0.625	n/a	n/a	0.00007656	NP Inter (normality) 1 of 2

Within Limit

Prediction Limit
Interwell Non-parametric

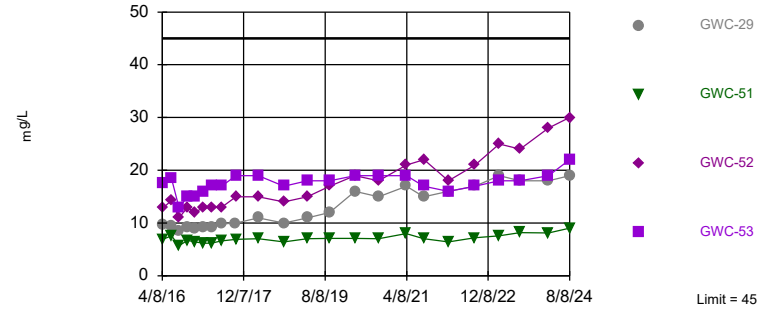


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 161 background values. 77.64% NDs. Annual per-constituent alpha = 0.0007573. Individual comparison alpha = 0.00007576 (1 of 2). Assumes 4 future values.

Constituent: Boron Analysis Run 9/23/2024 12:33 PM View: Appendix III - Two-Step
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Interwell Non-parametric

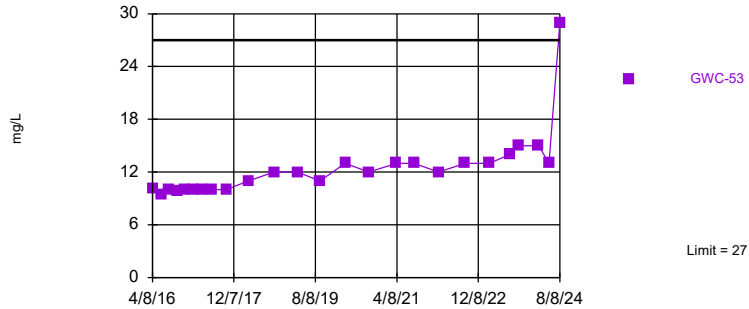


Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 161 background values. Annual per-constituent alpha = 0.0007573. Individual comparison alpha = 0.00007576 (1 of 2). Comparing 4 points to limit. Assumes 1 future value.

Constituent: Calcium Analysis Run 9/23/2024 12:33 PM View: Appendix III - Two-Step
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limit: GWC-53

Prediction Limit
Interwell Non-parametric



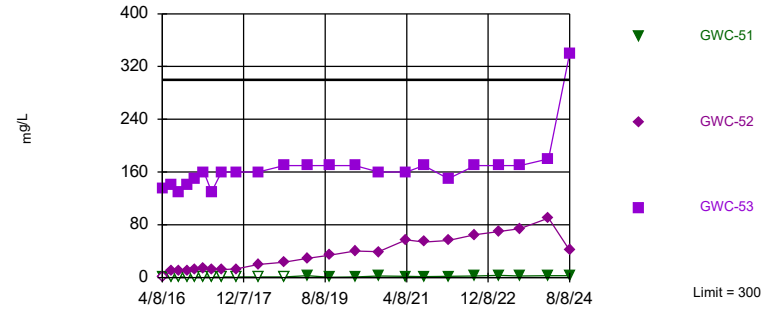
Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 160 background values. Annual per-constituent alpha = 0.0007653. Individual comparison alpha = 0.00007656 (1 of 2). Assumes 4 future values.

Constituent: Chloride Analysis Run 9/23/2024 12:33 PM View: Appendix III - Two-Step
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Hollow symbols indicate censored values.

Exceeds Limit: GWC-53

Prediction Limit
Interwell Non-parametric

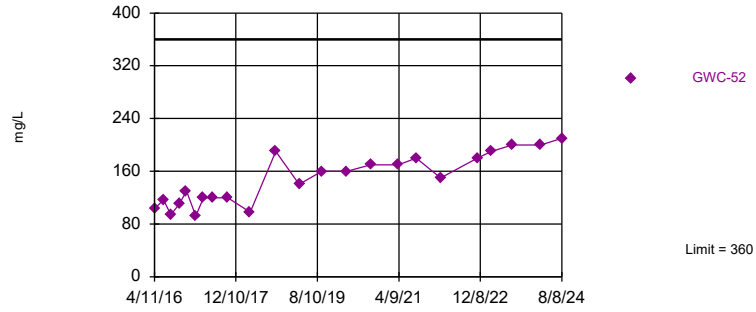


Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 161 background values. 39.75% NDs. Annual per-constituent alpha = 0.0007573. Individual comparison alpha = 0.00007576 (1 of 2). Comparing 3 points to limit. Assumes 2 future values.

Constituent: Sulfate Analysis Run 9/23/2024 12:33 PM View: Appendix III - Two-Step
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 160 background values. 0.625% NDs. Annual per-constituent alpha = 0.0007653. Individual comparison alpha = 0.00007656 (1 of 2). Assumes 4 future values.

Constituent: Total Dissolved Solids Analysis Run 9/23/2024 12:33 PM View: Appendix III - Two-Step
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 9/23/2024 12:35 PM View: Appendix III - Two-Step
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-46 (bg)	GWA-45 (bg)	GWA-49 (bg)	GWA-48 (bg)	GWA-47 (bg)	GWC-53	GWA-22 (bg)
4/6/2016	<0.08							
4/7/2016		<0.08	0.0657 (J)	<0.08	<0.08			
4/8/2016						<0.08	0.824	<0.08
6/14/2016	0.0012 (J)	<0.08	0.12	<0.08		0.00079 (J)		<0.08
6/16/2016							0.8 (J)	
6/17/2016					<0.08			
8/9/2016		<0.08	0.22	<0.08		<0.08		<0.08
8/10/2016	<0.08				<0.08			
8/11/2016							0.97	
10/10/2016		<0.08	0.52					
10/11/2016	<0.08			<0.08		<0.08		<0.08
10/13/2016							0.94	
10/14/2016					<0.08			
12/2/2016	<0.08	<0.08	0.65	<0.08				
12/5/2016						<0.08		<0.08
12/6/2016							1	
12/19/2016					<0.08			
2/9/2017			0.57	<0.08				
2/10/2017	<0.08	<0.08				<0.08		<0.08
2/13/2017					<0.08		0.97	
4/7/2017		<0.08	0.5	<0.08	<0.08	<0.08		<0.08
4/10/2017	<0.08							
4/11/2017							0.88	
6/22/2017			0.48	<0.08	<0.08	<0.08		
6/23/2017	<0.08	<0.08						
6/24/2017							0.87	
6/26/2017								<0.08
10/9/2017	<0.08							<0.08
10/10/2017		<0.08	0.79	<0.08	<0.08	<0.08		
10/11/2017							1.1	
3/22/2018			0.66	<0.08		<0.08		
3/23/2018		<0.08			<0.08			
3/26/2018	<0.08						0.91	<0.08 (D)
10/3/2018	<0.08		0.89	<0.08	<0.08			<0.08
10/4/2018		<0.08					0.92	
10/5/2018						<0.08		
3/27/2019	<0.08	<0.08	0.74	<0.08	<0.08	<0.08		<0.08
3/28/2019							0.97	
9/12/2019	0.053	<0.08	0.91	<0.08	<0.08	<0.08	0.94	<0.08
3/19/2020	<0.08	<0.08	0.86	<0.08	<0.08		1	<0.08
3/20/2020						<0.08		
9/10/2020	<0.08			<0.08				<0.08
9/11/2020		<0.08	1		<0.08	<0.08	0.97	
4/2/2021	<0.08		1.1					<0.08
4/5/2021		<0.08			0.044 (J)	<0.08		
4/6/2021				<0.08			0.97	
8/12/2021	<0.08	<0.08	1.1	<0.08	<0.08			<0.08
8/13/2021						<0.08	0.94	
2/14/2022	<0.08	<0.08	0.86	<0.08	<0.08	<0.08	1	
2/15/2022								<0.08
8/26/2022	<0.08							<0.08
8/30/2022				<0.08				

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 9/23/2024 12:35 PM View: Appendix III - Two-Step
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-46 (bg)	GWA-45 (bg)	GWA-49 (bg)	GWA-48 (bg)	GWA-47 (bg)	GWC-53	GWA-22 (bg)
8/31/2022		<0.08	1.2		<0.08	<0.08	1	
2/28/2023	<0.08	0.11	1.1		0.12	0.034 (J)	0.91	0.19
3/1/2023				<0.08				
8/2/2023	<0.08							
8/3/2023		0.027 (J)	1.1	<0.08	0.023 (J)	<0.08	0.97	<0.08
2/29/2024	<0.08							
3/4/2024		0.022 (J)	0.98	<0.08	<0.08	<0.08	0.97	0.033 (J)
8/6/2024	<0.08							
8/8/2024		<0.08	1.2		<0.08	<0.08	1.2	<0.08
8/9/2024				0.022 (J)				

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 9/23/2024 12:35 PM View: Appendix III - Two-Step

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-49 (bg)	GWA-48 (bg)	GWA-22 (bg)	GWC-53	GWA-47 (bg)	GWC-52
4/6/2016	9.27								
4/7/2016		38.4	6.57	15.3	12.6				
4/8/2016						8.6	17.5	10.7	
4/11/2016									12.8
6/14/2016	8.2	32.9	5.5	14.2		6.8		11.3	
6/15/2016									
6/16/2016							18.4		14.3
6/17/2016					12.4				
8/9/2016		29	4.6	13		6.2		9.6	
8/10/2016	6.9				11				
8/11/2016							13		11
10/10/2016		33	5.3						
10/11/2016	7.6			14		6.2		11	
10/13/2016							15		13
10/14/2016					13				
12/2/2016	7.4	33	5.1	13					
12/5/2016						5.5		10	12
12/6/2016							15		
12/19/2016					11				
2/9/2017		42		14					
2/10/2017	11		5.8			7.8		11	
2/13/2017					13		16		13
4/7/2017		35	5.2	14	12	7.3		10	
4/10/2017	9.7								
4/11/2017							17		13
6/22/2017		38		14	13			11	
6/23/2017	9.2		5.7						
6/24/2017							17		13
6/26/2017						6.8			
10/9/2017	9.4					5.8			
10/10/2017		40	5.8	15	13			11	
10/11/2017							19		15
3/22/2018		39 (D)		14				11	
3/23/2018			6.6		13				
3/26/2018	9.3					8.7	19		15
10/3/2018	7.8	41		14	12	6.1			
10/4/2018			5.4				17		14
10/5/2018								11	
3/27/2019	9.5	39	6.1	15	13	7.1		11	
3/28/2019							18		15
9/12/2019	8.8	36	5.7	14	13	6.1	18	12	17
3/19/2020	11	45	6.7	15	14	9.7	19		19
3/20/2020								12	
9/10/2020	8.2			14		5.9			
9/11/2020		30	5.5		12		19	11	18
4/2/2021	9.2	29				9			
4/5/2021			7		13			13	21
4/6/2021				16			19		
8/12/2021	7.2	26	6.1	14	12	6			
8/13/2021							17	11	
8/17/2021									22
2/14/2022	8	26	5.9	13	11		16	11	18

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 9/23/2024 12:35 PM View: Appendix III - Two-Step
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-49 (bg)	GWA-48 (bg)	GWA-22 (bg)	GWC-53	GWA-47 (bg)	GWC-52
2/15/2022						9.6			
8/26/2022	6.8					7.8			
8/30/2022				14					
8/31/2022		23	5.7		12		17	12	21
2/28/2023	8.1	23	6.6		13	11	18	13	
3/1/2023				15					25
8/2/2023	6.4								
8/3/2023		23	6.4	15	12	9.6	18	13	24
2/29/2024	6.7								
3/4/2024		25	6.8	14	13	11	19	15	28
8/6/2024	6								
8/8/2024		20	6.9		13	7.8	22	17	30
8/9/2024				16					

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 9/23/2024 12:35 PM View: Appendix III - Two-Step
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-51
4/6/2016		
4/7/2016		
4/8/2016		
4/11/2016	9.7	6.9
6/14/2016		
6/15/2016	9.5	
6/16/2016		7.6
6/17/2016		
8/9/2016		
8/10/2016	8.5	5.7
8/11/2016		
10/10/2016		
10/11/2016	9.3	
10/13/2016		6.7
10/14/2016		
12/2/2016		
12/5/2016	9	6.4
12/6/2016		
12/19/2016		
2/9/2017		
2/10/2017		
2/13/2017	9.2	6.2
4/7/2017		
4/10/2017	9.2	6.2
4/11/2017		
6/22/2017		
6/23/2017	9.8	6.6
6/24/2017		
6/26/2017		
10/9/2017		
10/10/2017	10	
10/11/2017		6.9
3/22/2018		
3/23/2018		
3/26/2018	11	7
10/3/2018		
10/4/2018	10	6.4
10/5/2018		
3/27/2019		7
3/28/2019	11	
9/12/2019	12	7.1
3/19/2020	16	7.1
3/20/2020		
9/10/2020	15	
9/11/2020		7
4/2/2021		
4/5/2021		8
4/6/2021	17	
8/12/2021		
8/13/2021	15	7
8/17/2021		
2/14/2022	16	

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 9/23/2024 12:35 PM View: Appendix III - Two-Step
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-51
2/15/2022		6.4
8/26/2022		
8/30/2022		
8/31/2022	17	7.2
2/28/2023		7.6
3/1/2023	19	
8/2/2023		
8/3/2023	18	8.2
2/29/2024		
3/4/2024	18	8.1
8/6/2024		
8/8/2024	19	9
8/9/2024		

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 9/23/2024 12:35 PM View: Appendix III - Two-Step

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-49 (bg)	GWA-48 (bg)	GWA-46 (bg)	GWA-45 (bg)	GWC-53	GWA-22 (bg)	GWA-47 (bg)
4/6/2016	3.034							
4/7/2016		2.285	1.842	2.914	8.05			
4/8/2016						10.065	2.1	1.57
6/14/2016	3.1	2.3		3.1	9.3		4.2	1.7
6/16/2016						9.4		
6/17/2016			1.9					
8/9/2016		2.3		3.2	10		5	1.5
8/10/2016	2.7		1.8					
8/11/2016						10		
10/10/2016				3	10			
10/11/2016	2.7	2.1					3.8	1.6
10/13/2016						9.9		
10/14/2016			1.7					
12/2/2016	2.5	2		3	10			
12/5/2016							3.6	1.5
12/6/2016						10		
12/19/2016			2.7 (O)					
2/9/2017		2.1			9.4			
2/10/2017	3.4			2.7			2.2	1.5
2/13/2017			1.8			10		
4/7/2017		2	1.7	2.9	9.9		2.2	1.4
4/10/2017	3.6							
4/11/2017						10		
6/22/2017		2	1.7		9.7			1.4
6/23/2017	3.2			3.3				
6/24/2017						10		
6/26/2017							3.4	
10/9/2017	3.5						3.4	
10/10/2017		2	1.6	3.5	9.8			1.4
10/11/2017						10		
3/22/2018		1.9			9.7 (D)			1.3
3/23/2018			1.6	3.6				
3/26/2018	3.8					11	1.9 (D)	
10/3/2018	4	2	1.6		10		2.9	
10/4/2018				3.9		12		
10/5/2018								1.4
3/27/2019	2.9	1.9	1.5	3.7	9.6		2	1.2
3/28/2019						12		
9/12/2019	3.4	1.9	1.7	4.3	10	11	2.5	1.4
3/19/2020	3.9	2.2	1.9	4.5	9.9	13	2.2	
3/20/2020								1.7
9/10/2020	3.7	2.1					2.5	
9/11/2020			1.8	4.7	12	12		1.6
4/2/2021	3.7				13		1.8	
4/5/2021			2	5.3				1.8
4/6/2021		2.1				13		
8/12/2021	4.1	2.2	1.8	5.5	13		2.7	
8/13/2021						13		1.8
2/14/2022	4	2	1.8	5	10	12		1.5
2/15/2022							1.8	
8/26/2022	3.6						2	
8/30/2022		2.2						

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 9/23/2024 12:35 PM View: Appendix III - Two-Step
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-49 (bg)	GWA-48 (bg)	GWA-46 (bg)	GWA-45 (bg)	GWC-53	GWA-22 (bg)	GWA-47 (bg)
8/31/2022			1.6	5.1	13	13		1.5
2/28/2023	3.6		1.8	5.2	13	13	1.8	1.7
3/1/2023		2.1						
8/2/2023	3.4							
8/3/2023		1.9	1.7	5.2	13	14	1.8	1.6
10/4/2023						15 (R)		
2/29/2024	3.7							
3/4/2024		2	1.8	5.4	14	15	1.8	1.8
5/20/2024						13 (R)		
8/6/2024	3.2							
8/8/2024			1.8	5.5	27	29	1.9	1.7
8/9/2024		2						

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 9/23/2024 12:35 PM View: Appendix III - Two-Step

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-48 (bg)	GWA-46 (bg)	GWA-45 (bg)	GWA-49 (bg)	GWA-47 (bg)	GWC-53	GWA-22 (bg)	GWC-51
4/6/2016	0.813 (J)								
4/7/2016		1.522	0.594 (J)	107.095	0.507 (J)				
4/8/2016						<1	135.355	<1	
4/11/2016									0.415 (J)
6/14/2016	<1		<1	160	<1	<1		<1	
6/16/2016							140		<1
6/17/2016		1.1							
8/9/2016			<1	130	<1	<1		<1	
8/10/2016	0.9 (J)	1.1							<1
8/11/2016							130		
10/10/2016			<1	140					
10/11/2016	0.99 (J)				<1	<1		<1	
10/13/2016							140		<1
10/14/2016		0.89 (J)							
12/2/2016	0.99 (J)		<1	150	<1				
12/5/2016						<1		<1	<1
12/6/2016							150		
12/19/2016		1.2							
2/9/2017				150	<1				
2/10/2017	1.4		<1			<1		<1	
2/13/2017		1.4					160		<1
4/7/2017		1.2	<1	140	<1	<1		<1	
4/10/2017	1.6								<1
4/11/2017							130		
6/22/2017		1.1		160	<1	<1			
6/23/2017	1.8		<1						<1
6/24/2017							160		
6/26/2017								<1	
10/9/2017	2.5							<1	
10/10/2017		0.92 (J)	<1	160	<1	<1			
10/11/2017							160		<1
3/22/2018				150 (D)	<1	<1			
3/23/2018		1.3	<1						
3/26/2018	2.3						160	<1 (D)	<1
10/3/2018	1.9	1.2		140	<1			<1	
10/4/2018			<1				170		<1
10/5/2018						<1			
3/27/2019	0.81 (J)	1.6	0.52 (J)	140	0.56 (J)	<1		<1	2.7
3/28/2019							170		
9/12/2019	1.3	1.2	0.61 (J)	170	0.77 (J)	0.4 (J)	170	0.38 (J)	0.65 (J)
3/19/2020	0.92 (J)	1.5	0.39 (J)	150	0.56 (J)		170	<1	0.71 (J)
3/20/2020						0.58 (J)			
9/10/2020	1.3				0.42 (J)			<1	
9/11/2020		1.3	0.99 (J)	170		0.39 (J)	160		2.6
4/2/2021	0.99 (J)			180				<1	
4/5/2021		1.3	<1			<1			1.7
4/6/2021					<1		160		
8/12/2021	1.8	1	1	180	<1			<1	
8/13/2021						<1	170		1.4
8/17/2021									
2/14/2022	1	1.2	<1	130	0.85 (J)	<1	150		
2/15/2022								0.87 (J)	1.8

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 9/23/2024 12:35 PM View: Appendix III - Two-Step
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-48 (bg)	GWA-46 (bg)	GWA-45 (bg)	GWA-49 (bg)	GWA-47 (bg)	GWC-53	GWA-22 (bg)	GWC-51
8/26/2022	2.7							<1	
8/30/2022					0.76 (J)				
8/31/2022		1.6	1.1	170		1.1	170		2.4
2/28/2023	2.7	2.5	1.7	170		1.6	170	1.7	3.2
3/1/2023					1.2				
8/2/2023	1.4								
8/3/2023		0.94 (J)	0.49 (J)	170	0.46 (J)	<1	170	<1	2.2
2/29/2024	2.8								
3/4/2024		1.4	0.64 (J)	160	0.66 (J)	0.46 (J)	180	<1	2.9
8/6/2024	1.7								
8/8/2024		0.66 (J)	<1	300		<1	340	<1	2.8
8/9/2024					<1				

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 9/23/2024 12:35 PM View: Appendix III - Two-Step
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

GWC-52

4/6/2016	
4/7/2016	
4/8/2016	
4/11/2016	<1
6/14/2016	
6/16/2016	10
6/17/2016	
8/9/2016	
8/10/2016	
8/11/2016	9.8
10/10/2016	
10/11/2016	
10/13/2016	11
10/14/2016	
12/2/2016	
12/5/2016	13
12/6/2016	
12/19/2016	
2/9/2017	
2/10/2017	
2/13/2017	14
4/7/2017	
4/10/2017	
4/11/2017	12
6/22/2017	
6/23/2017	
6/24/2017	12
6/26/2017	
10/9/2017	
10/10/2017	
10/11/2017	13
3/22/2018	
3/23/2018	
3/26/2018	20
10/3/2018	
10/4/2018	23
10/5/2018	
3/27/2019	
3/28/2019	29
9/12/2019	34
3/19/2020	40
3/20/2020	
9/10/2020	
9/11/2020	39
4/2/2021	
4/5/2021	57
4/6/2021	
8/12/2021	
8/13/2021	
8/17/2021	54
2/14/2022	56
2/15/2022	

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 9/23/2024 12:35 PM View: Appendix III - Two-Step
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

GWC-52

8/26/2022	
8/30/2022	
8/31/2022	65
2/28/2023	
3/1/2023	70
8/2/2023	
8/3/2023	74
2/29/2024	
3/4/2024	90
8/6/2024	
8/8/2024	41
8/9/2024	

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 9/23/2024 12:35 PM View: Appendix III - Two-Step

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-49 (bg)	GWA-48 (bg)	GWA-22 (bg)	GWA-47 (bg)	GWC-52
4/6/2016	51							
4/7/2016		237	69	114	100			
4/8/2016						74	89	
4/11/2016								103
6/14/2016	62	240	<25	56 (O)		111	55	
6/16/2016								117
6/17/2016					69			
8/9/2016		230	40	100		44	90	
8/10/2016	70				110			
8/11/2016								94
10/10/2016		240	34					
10/11/2016	84			110		64	86	
10/13/2016								110
10/14/2016					100			
12/2/2016	74	270	50	94				
12/5/2016						52	74	130
12/19/2016					100			
2/9/2017		240		100				
2/10/2017	100		60			86	100	
2/13/2017					80			92
4/7/2017		260	70	100	86	68	92	
4/10/2017	82							
4/11/2017								120
6/22/2017		300		110	72		64	
6/23/2017	72		42					
6/24/2017								120
6/26/2017						76		
10/9/2017	82					50		
10/10/2017		280	34	100	70		68	
10/11/2017								120
3/22/2018		310		100			92	
3/23/2018			52		86			
3/26/2018	94					56		98
10/3/2018	72	190		96	88	42		
10/4/2018			48					190
10/5/2018							90	
3/27/2019	98	290	66	120	100	76	94	
3/28/2019								140
9/12/2019	130	340	97	120	110	72	88	160
3/19/2020	100	310	51	110	97	65		160
3/20/2020							99	
9/10/2020	110			130		56		
9/11/2020		340	51		120		110	170
4/2/2021	100	360				69		
4/5/2021			46		99		63	170
4/6/2021				110				
8/12/2021	98	330	55	120	100	68		
8/13/2021							110	
8/17/2021								180
2/14/2022	100	290	68	110	100		94	150
2/15/2022						85		
8/26/2022	110					83		

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 9/23/2024 12:35 PM View: Appendix III - Two-Step
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-49 (bg)	GWA-48 (bg)	GWA-22 (bg)	GWA-47 (bg)	GWC-52
11/16/2022		300	55	110	100		94	180
2/28/2023	98	320	64		110	99	120	
3/1/2023				120				190
8/2/2023	98							
8/3/2023		310	63	130	100	77	100	200
2/29/2024	92							
3/4/2024		310	66	110	100	96	99	200
8/6/2024	87							
8/8/2024		290	67		94	73	100	210
8/9/2024				110				

FIGURE I.

Appendix III - Trend Test Summary - Significant Results

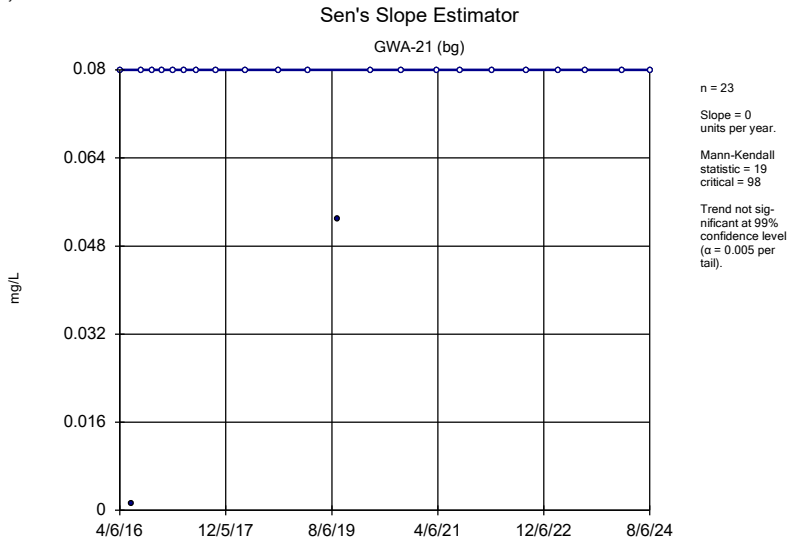
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 9/23/2024, 5:59 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Boron (mg/L)	GWA-45 (bg)	0.102	193	98	Yes	23	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-45 (bg)	-1.74	-106	-98	Yes	23	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-46 (bg)	0.1582	116	98	Yes	23	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-47 (bg)	0.3484	145	98	Yes	23	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-29	1.297	203	98	Yes	23	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-51	0.1893	136	98	Yes	23	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-52	1.802	206	98	Yes	23	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-22 (bg)	-0.2194	-138	-98	Yes	23	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-45 (bg)	0.568	156	98	Yes	23	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-46 (bg)	0.3443	202	98	Yes	23	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWC-53	0.5993	226	111	Yes	25	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-21 (bg)	0.1122	104	98	Yes	23	4.348	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-45 (bg)	4.828	115	98	Yes	23	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWC-51	0.2375	150	98	Yes	23	43.48	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWC-52	9.242	219	98	Yes	23	4.348	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWC-53	4.83	155	98	Yes	23	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWA-21 (bg)	3.888	102	98	Yes	23	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWA-45 (bg)	10.17	121	98	Yes	23	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWA-47 (bg)	2.444	113	98	Yes	23	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWC-52	12.49	183	98	Yes	23	0	n/a	n/a	0.01	NP

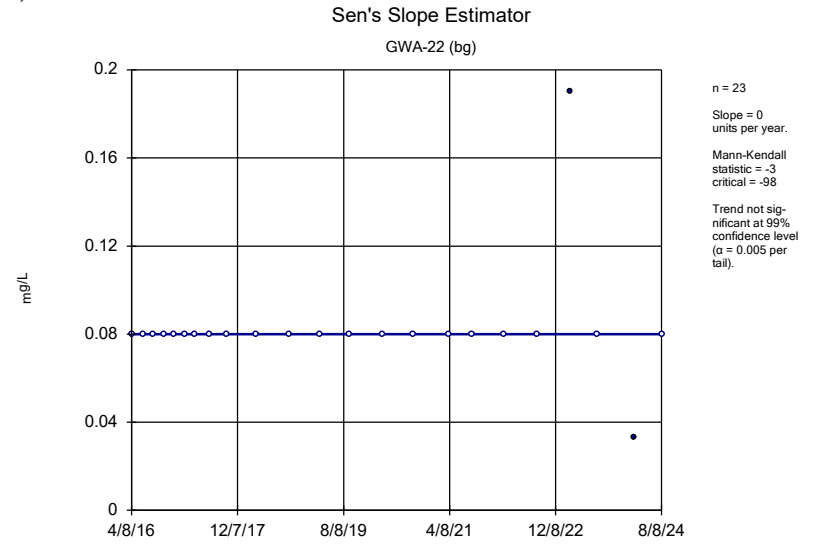
Appendix III - Trend Test Summary - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 9/23/2024, 5:59 PM

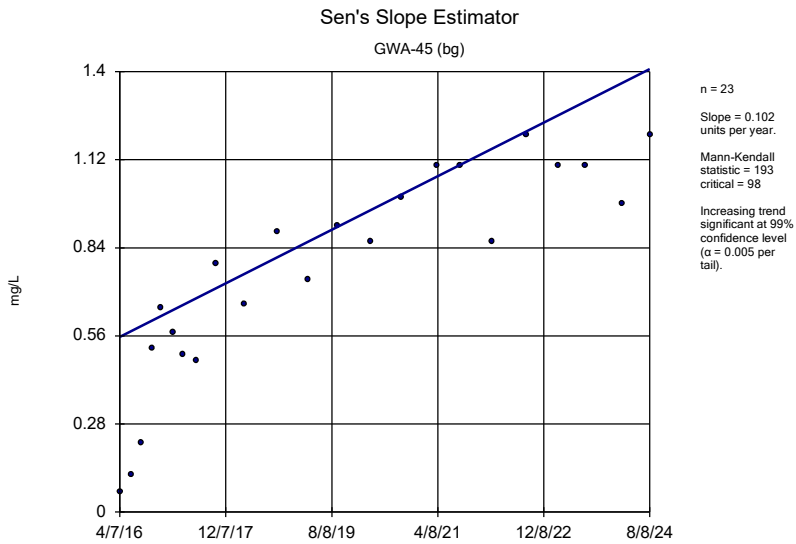
Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Boron (mg/L)	GWA-21 (bg)	0	19	98	No	23	91.3	n/a	n/a	0.01	NP
Boron (mg/L)	GWA-22 (bg)	0	-3	-98	No	23	91.3	n/a	n/a	0.01	NP
Boron (mg/L)	GWA-45 (bg)	0.102	193	98	Yes	23	0	n/a	n/a	0.01	NP
Boron (mg/L)	GWA-46 (bg)	0	-21	-98	No	23	86.96	n/a	n/a	0.01	NP
Boron (mg/L)	GWA-47 (bg)	0	5	98	No	23	91.3	n/a	n/a	0.01	NP
Boron (mg/L)	GWA-48 (bg)	0	-11	-98	No	23	86.96	n/a	n/a	0.01	NP
Boron (mg/L)	GWA-49 (bg)	0	-22	-98	No	23	95.65	n/a	n/a	0.01	NP
Boron (mg/L)	GWC-53	0.01222	82	98	No	23	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-21 (bg)	-0.2414	-86	-98	No	23	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-22 (bg)	0.2926	75	98	No	23	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-45 (bg)	-1.74	-106	-98	Yes	23	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-46 (bg)	0.1582	116	98	Yes	23	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-47 (bg)	0.3484	145	98	Yes	23	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-48 (bg)	0	20	98	No	23	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-49 (bg)	0	42	98	No	23	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-29	1.297	203	98	Yes	23	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-51	0.1893	136	98	Yes	23	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-52	1.802	206	98	Yes	23	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-53	0.3399	90	98	No	23	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-21 (bg)	0.08372	89	98	No	23	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-22 (bg)	-0.2194	-138	-98	Yes	23	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-45 (bg)	0.568	156	98	Yes	23	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-46 (bg)	0.3443	202	98	Yes	23	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-47 (bg)	0.01851	51	98	No	23	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-48 (bg)	0	-6	-92	No	22	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-49 (bg)	-0.01351	-55	-98	No	23	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWC-53	0.5993	226	111	Yes	25	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-21 (bg)	0.1122	104	98	Yes	23	4.348	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-22 (bg)	0	1	98	No	23	86.96	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-45 (bg)	4.828	115	98	Yes	23	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-46 (bg)	0	0	98	No	23	56.52	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-47 (bg)	0	-5	-98	No	23	73.91	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-48 (bg)	0.0168	25	98	No	23	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-49 (bg)	0	-40	-98	No	23	56.52	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWC-51	0.2375	150	98	Yes	23	43.48	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWC-52	9.242	219	98	Yes	23	4.348	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWC-53	4.83	155	98	Yes	23	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWA-21 (bg)	3.888	102	98	Yes	23	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWA-22 (bg)	2.148	60	98	No	23	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWA-45 (bg)	10.17	121	98	Yes	23	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWA-46 (bg)	2.857	87	98	No	23	4.348	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWA-47 (bg)	2.444	113	98	Yes	23	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWA-48 (bg)	1.09	55	98	No	23	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWA-49 (bg)	1.594	72	92	No	22	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWC-52	12.49	183	98	Yes	23	0	n/a	n/a	0.01	NP



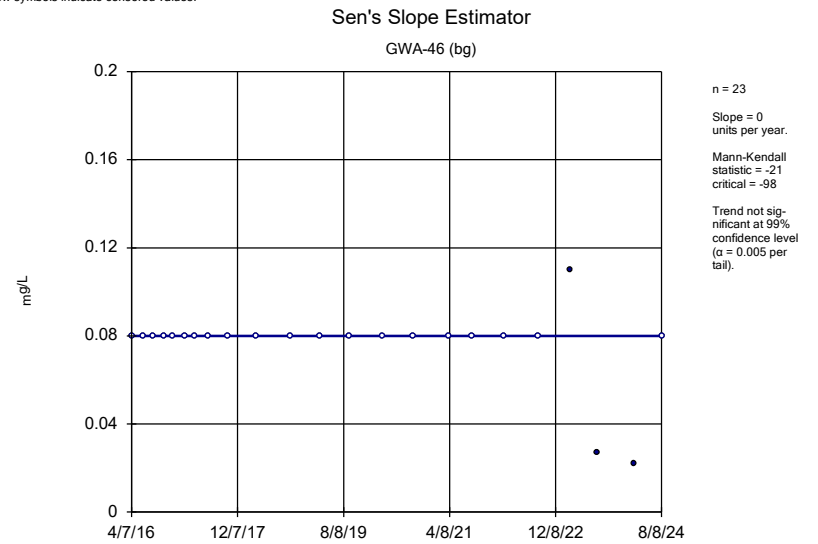
Constituent: Boron Analysis Run 9/23/2024 5:56 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR



Constituent: Boron Analysis Run 9/23/2024 5:56 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR



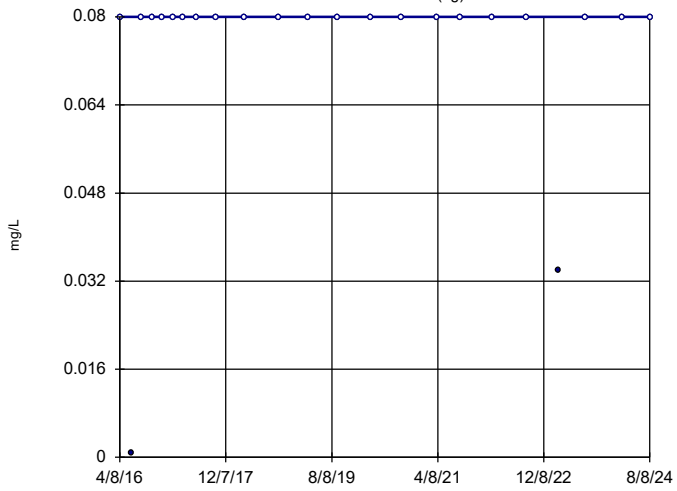
Constituent: Boron Analysis Run 9/23/2024 5:56 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR



Constituent: Boron Analysis Run 9/23/2024 5:56 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-47 (bg)

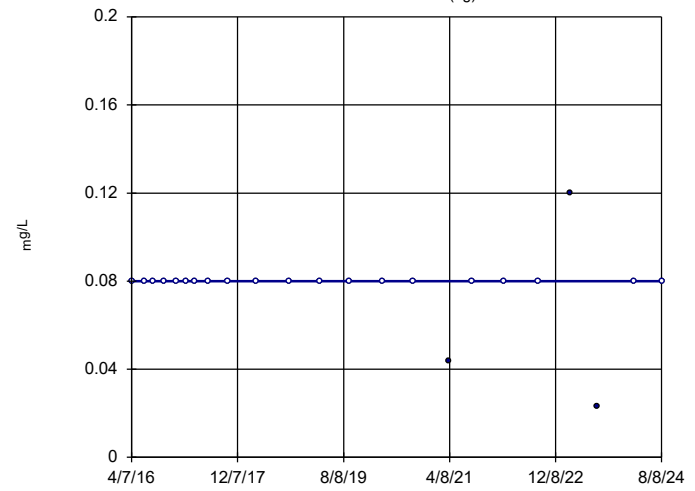


n = 23
 Slope = 0
 units per year.
 Mann-Kendall
 statistic = 5
 critical = 98
 Trend not sig-
 nificant at 99%
 confidence level
 (α = 0.005 per
 tail).

Constituent: Boron Analysis Run 9/23/2024 5:56 PM View: Appendix III - Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-48 (bg)

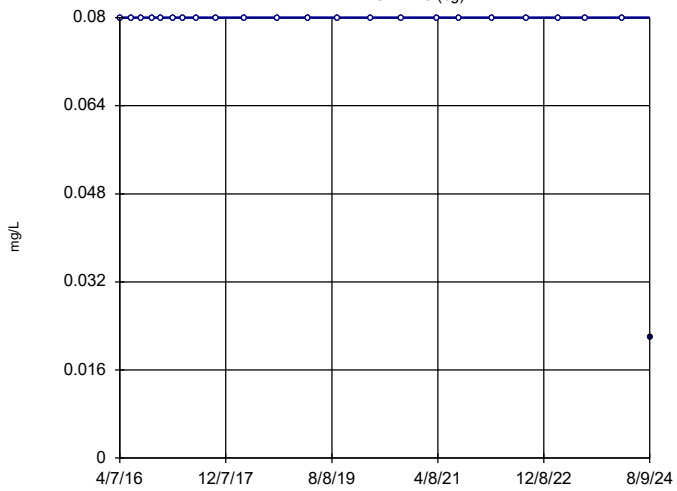


n = 23
 Slope = 0
 units per year.
 Mann-Kendall
 statistic = -11
 critical = -98
 Trend not sig-
 nificant at 99%
 confidence level
 (α = 0.005 per
 tail).

Constituent: Boron Analysis Run 9/23/2024 5:56 PM View: Appendix III - Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-49 (bg)

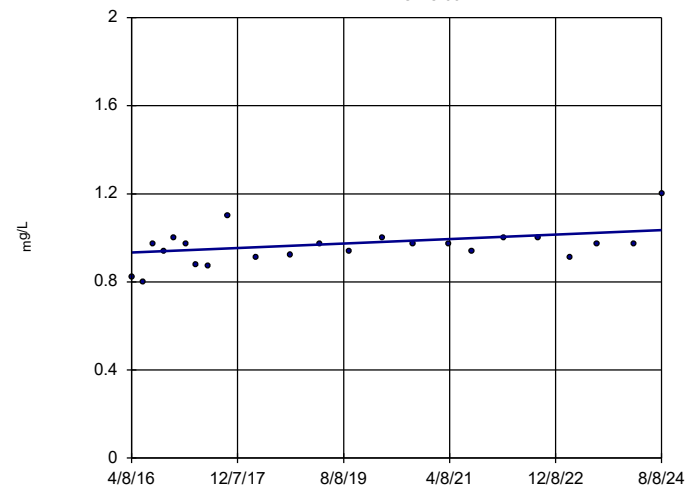


n = 23
 Slope = 0
 units per year.
 Mann-Kendall
 statistic = -22
 critical = -98
 Trend not sig-
 nificant at 99%
 confidence level
 (α = 0.005 per
 tail).

Constituent: Boron Analysis Run 9/23/2024 5:56 PM View: Appendix III - Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWC-53

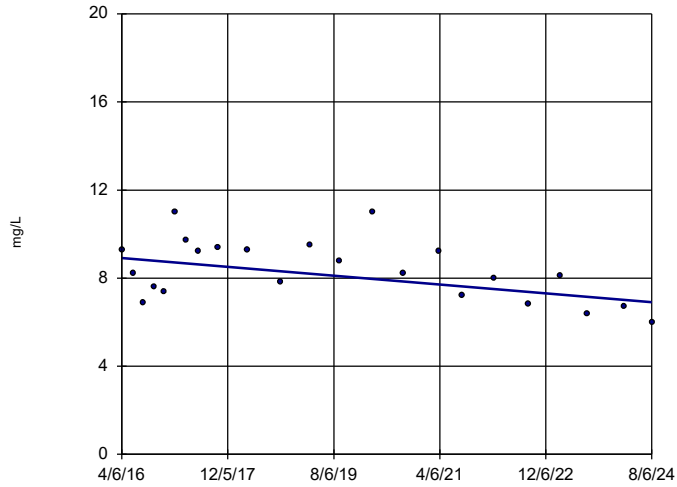


n = 23
 Slope = 0.01222
 units per year.
 Mann-Kendall
 statistic = 82
 critical = 98
 Trend not sig-
 nificant at 99%
 confidence level
 (α = 0.005 per
 tail).

Constituent: Boron Analysis Run 9/23/2024 5:56 PM View: Appendix III - Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-21 (bg)

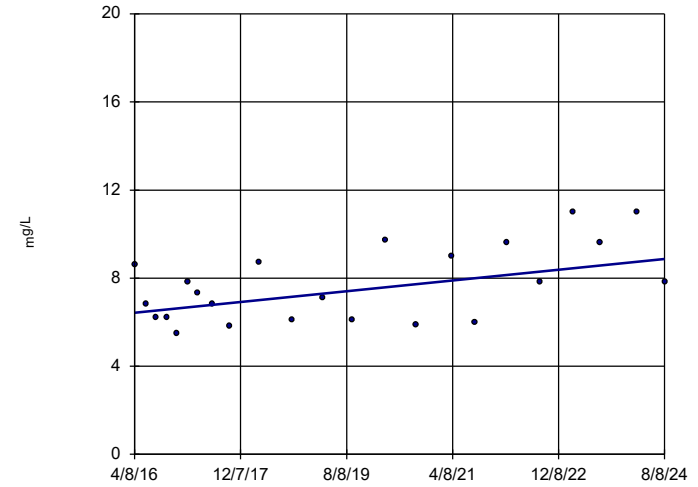


n = 23
 Slope = -0.2414
 units per year.
 Mann-Kendall
 statistic = -86
 critical = -98
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Calcium Analysis Run 9/23/2024 5:56 PM View: Appendix III - Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-22 (bg)

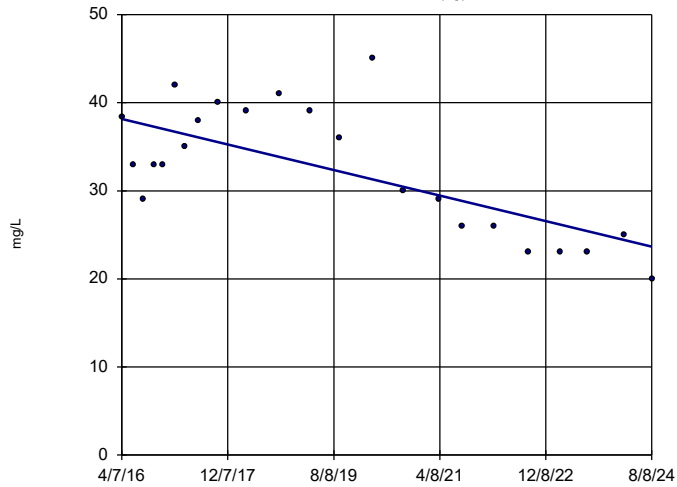


n = 23
 Slope = 0.2926
 units per year.
 Mann-Kendall
 statistic = 75
 critical = 98
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Calcium Analysis Run 9/23/2024 5:56 PM View: Appendix III - Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-45 (bg)

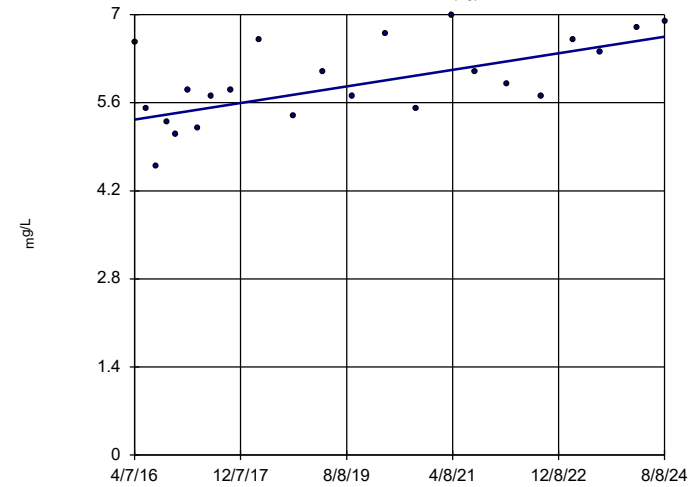


n = 23
 Slope = -1.74
 units per year.
 Mann-Kendall
 statistic = -106
 critical = -98
 Decreasing trend
 significant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Calcium Analysis Run 9/23/2024 5:56 PM View: Appendix III - Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-46 (bg)

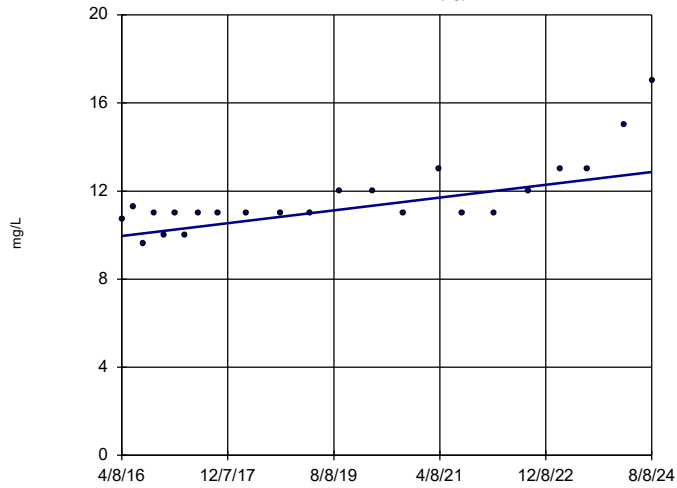


n = 23
 Slope = 0.1582
 units per year.
 Mann-Kendall
 statistic = 116
 critical = 98
 Increasing trend
 significant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Calcium Analysis Run 9/23/2024 5:56 PM View: Appendix III - Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-47 (bg)

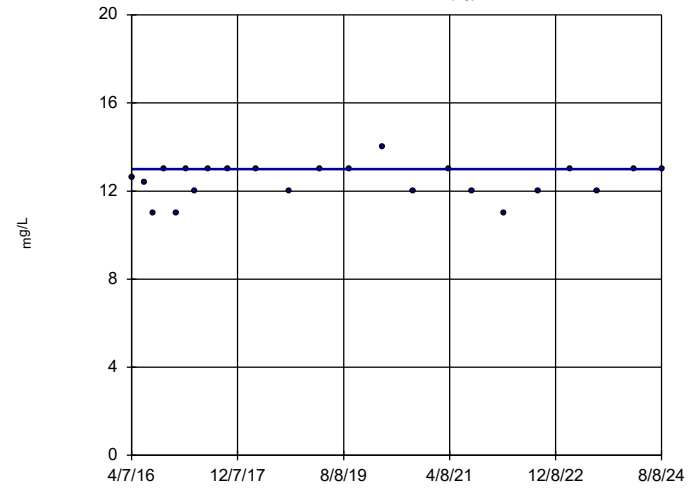


n = 23
 Slope = 0.3484
 units per year.
 Mann-Kendall
 statistic = 145
 critical = 98
 Increasing trend
 significant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Calcium Analysis Run 9/23/2024 5:56 PM View: Appendix III - Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-48 (bg)

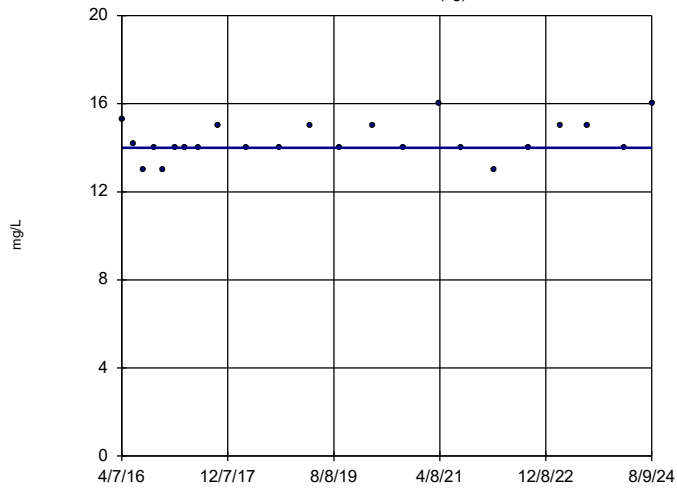


n = 23
 Slope = 0
 units per year.
 Mann-Kendall
 statistic = 20
 critical = 98
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Calcium Analysis Run 9/23/2024 5:56 PM View: Appendix III - Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-49 (bg)

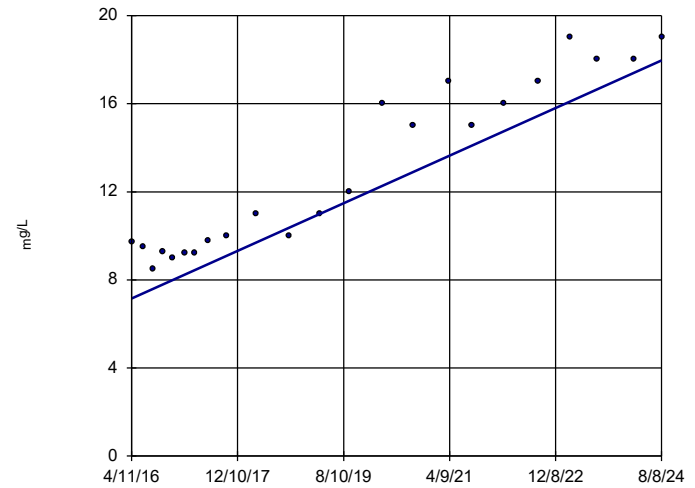


n = 23
 Slope = 0
 units per year.
 Mann-Kendall
 statistic = 42
 critical = 98
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Calcium Analysis Run 9/23/2024 5:56 PM View: Appendix III - Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWC-29

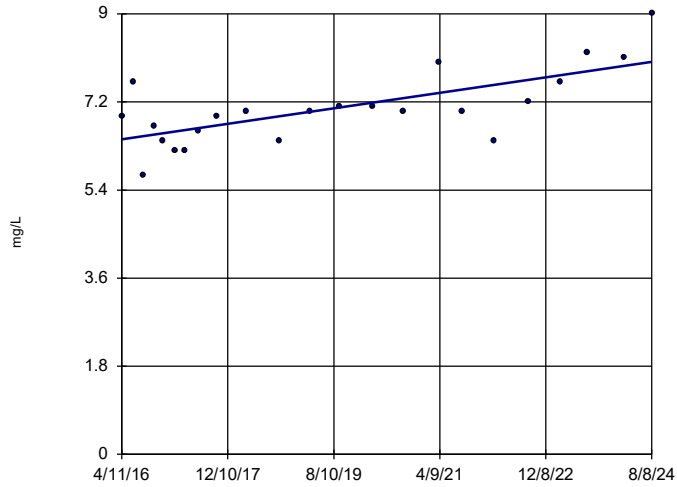


n = 23
 Slope = 1.297
 units per year.
 Mann-Kendall
 statistic = 203
 critical = 98
 Increasing trend
 significant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Calcium Analysis Run 9/23/2024 5:56 PM View: Appendix III - Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWC-51

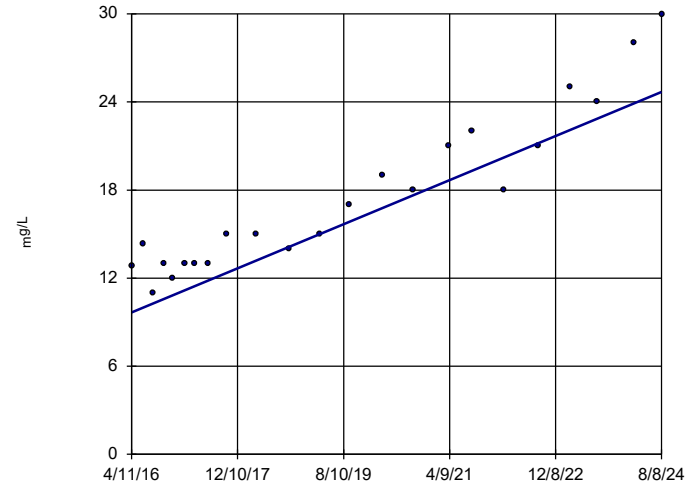


n = 23
 Slope = 0.1893
 units per year.
 Mann-Kendall
 statistic = 136
 critical = 98
 Increasing trend
 significant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Calcium Analysis Run 9/23/2024 5:56 PM View: Appendix III - Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWC-52

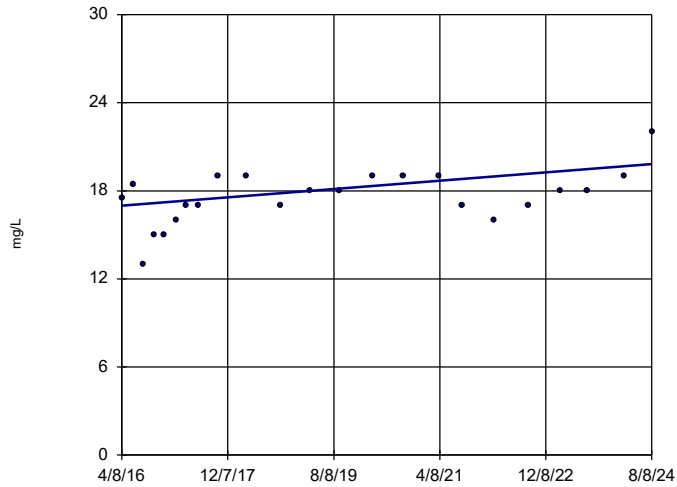


n = 23
 Slope = 1.802
 units per year.
 Mann-Kendall
 statistic = 206
 critical = 98
 Increasing trend
 significant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Calcium Analysis Run 9/23/2024 5:56 PM View: Appendix III - Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWC-53

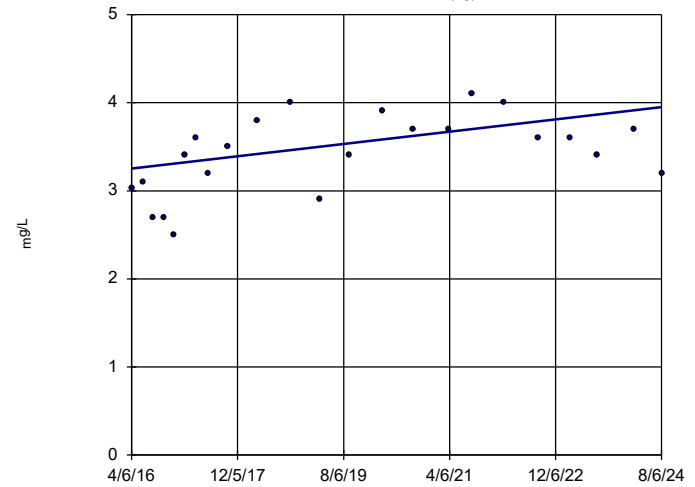


n = 23
 Slope = 0.3399
 units per year.
 Mann-Kendall
 statistic = 90
 critical = 98
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Calcium Analysis Run 9/23/2024 5:56 PM View: Appendix III - Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-21 (bg)

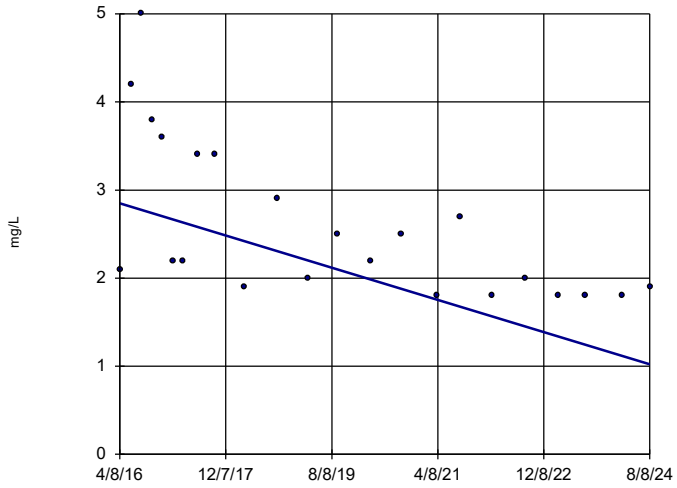


n = 23
 Slope = 0.08372
 units per year.
 Mann-Kendall
 statistic = 89
 critical = 98
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Chloride Analysis Run 9/23/2024 5:56 PM View: Appendix III - Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

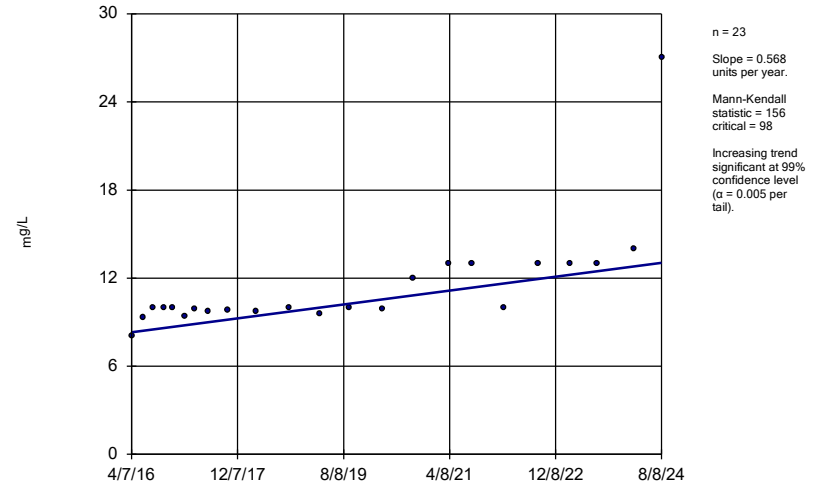
GWA-22 (bg)



Constituent: Chloride Analysis Run 9/23/2024 5:56 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

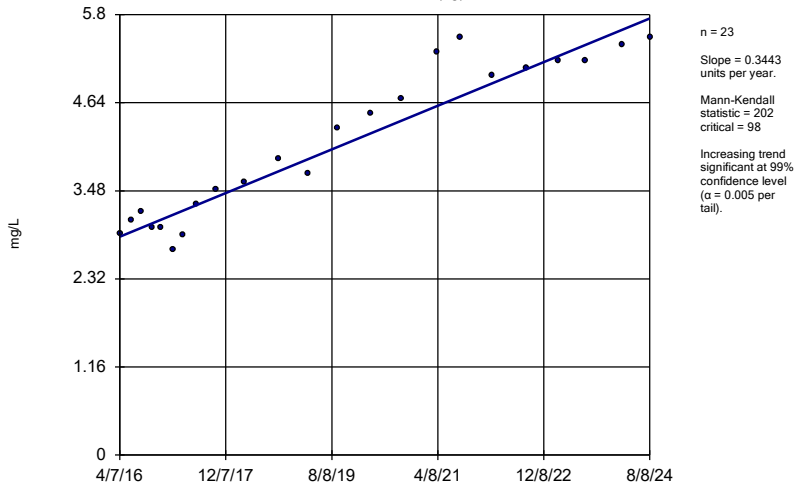
GWA-45 (bg)



Constituent: Chloride Analysis Run 9/23/2024 5:56 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

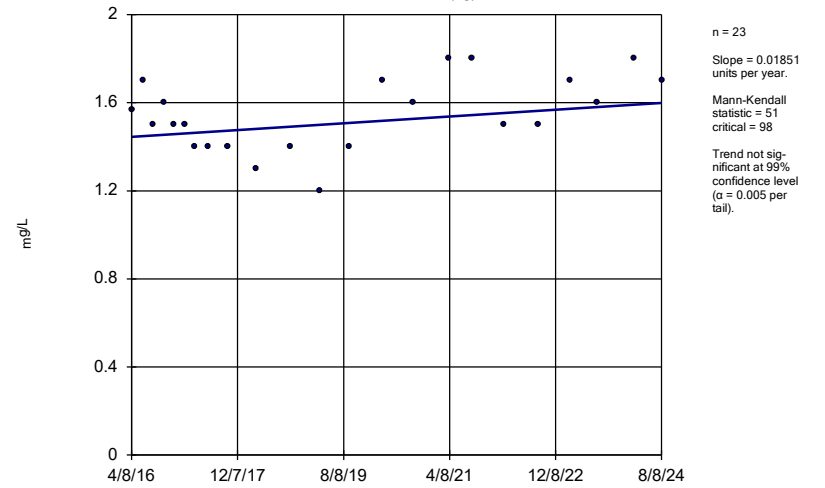
GWA-46 (bg)



Constituent: Chloride Analysis Run 9/23/2024 5:56 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

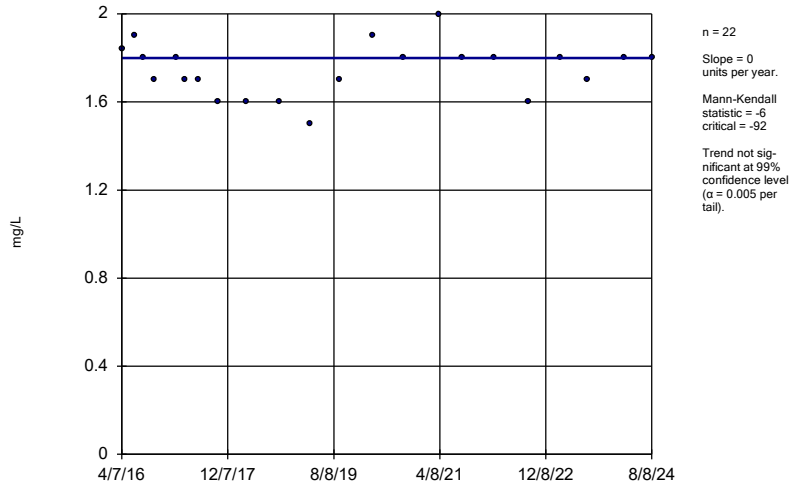
GWA-47 (bg)



Constituent: Chloride Analysis Run 9/23/2024 5:56 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

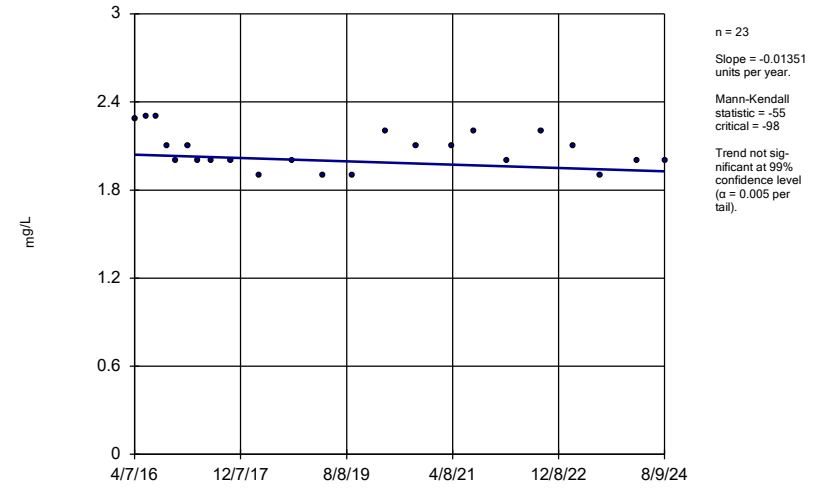
GWA-48 (bg)



Constituent: Chloride Analysis Run 9/23/2024 5:57 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

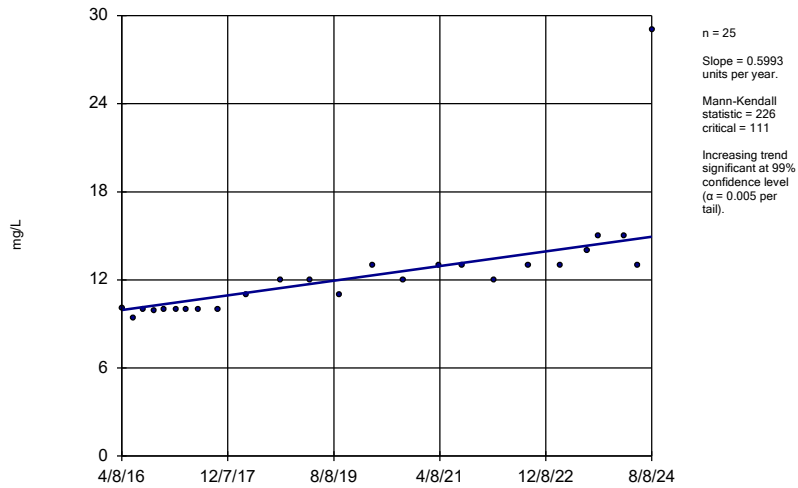
GWA-49 (bg)



Constituent: Chloride Analysis Run 9/23/2024 5:57 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWC-53

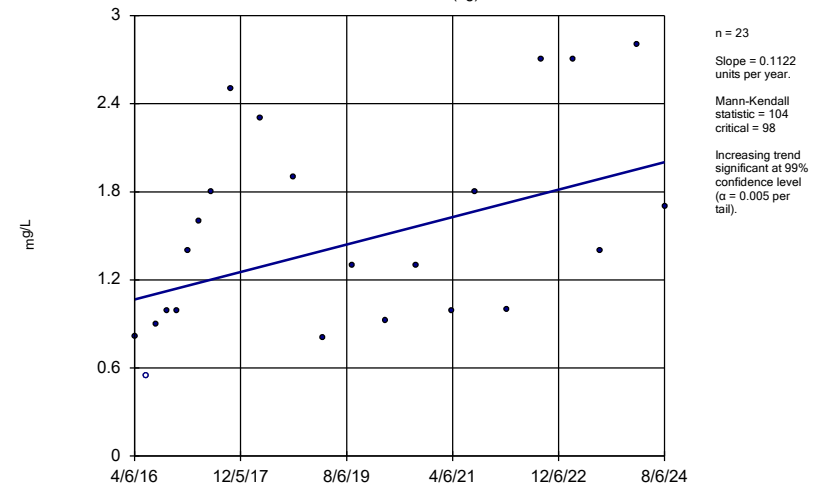


Constituent: Chloride Analysis Run 9/23/2024 5:57 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Hollow symbols indicate censored values.

Sen's Slope Estimator

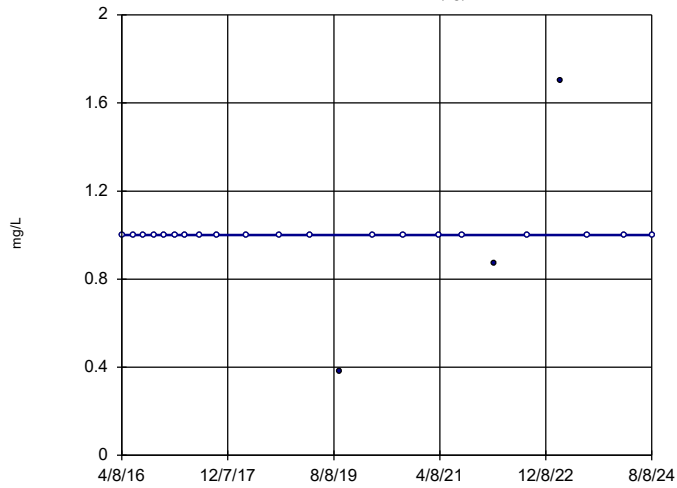
GWA-21 (bg)



Constituent: Sulfate Analysis Run 9/23/2024 5:57 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-22 (bg)

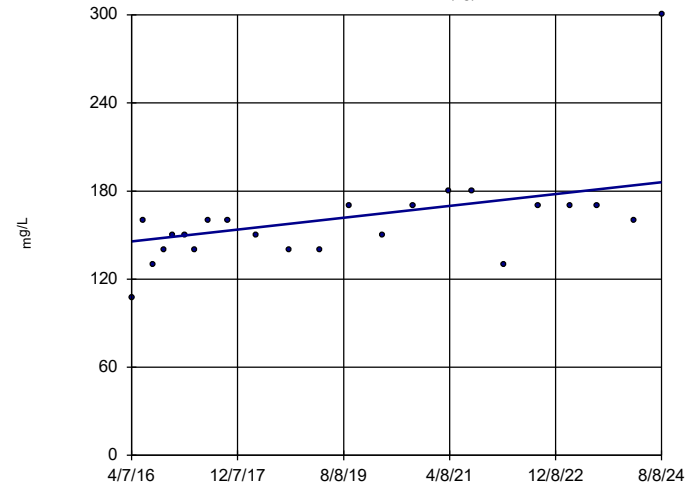


n = 23
Slope = 0
units per year.
Mann-Kendall
statistic = 1
critical = 98
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Sulfate Analysis Run 9/23/2024 5:57 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-45 (bg)

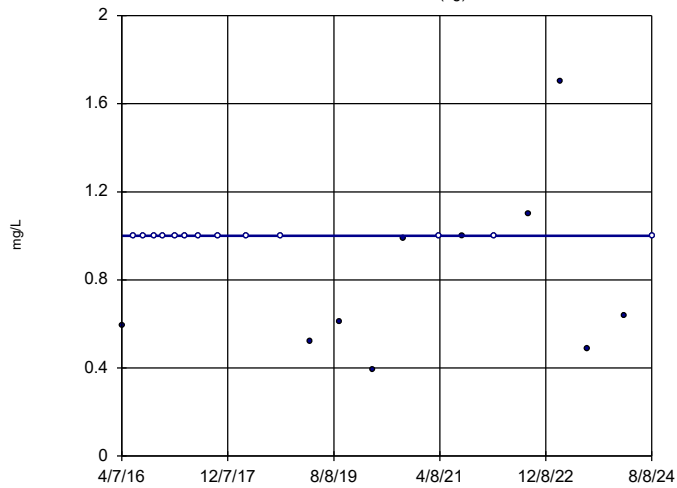


n = 23
Slope = 4.828
units per year.
Mann-Kendall
statistic = 115
critical = 98
Increasing trend
significant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Sulfate Analysis Run 9/23/2024 5:57 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-46 (bg)

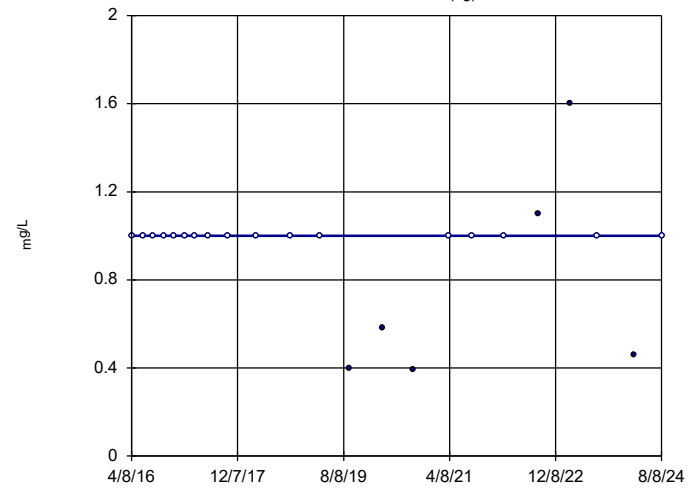


n = 23
Slope = 0
units per year.
Mann-Kendall
statistic = 0
critical = 98
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Sulfate Analysis Run 9/23/2024 5:57 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-47 (bg)

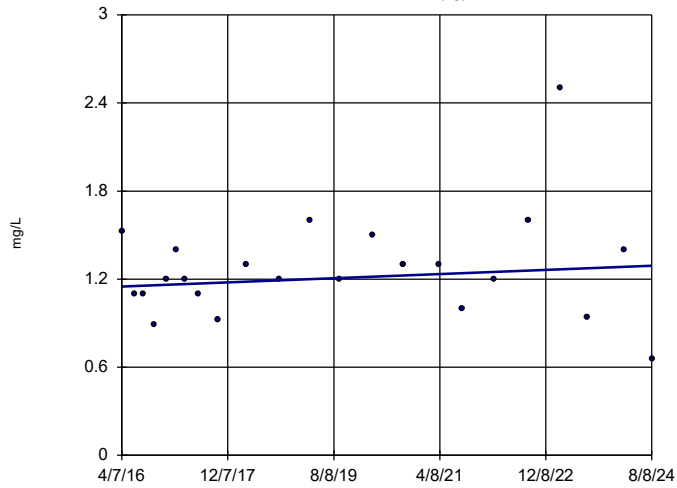


n = 23
Slope = 0
units per year.
Mann-Kendall
statistic = -5
critical = -98
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Sulfate Analysis Run 9/23/2024 5:57 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-48 (bg)



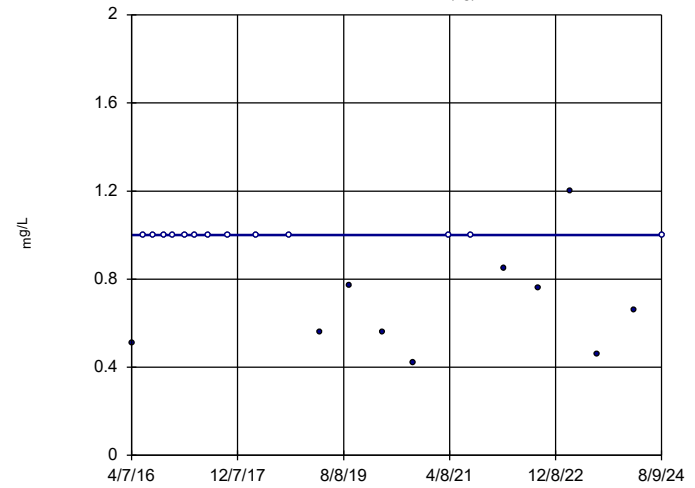
n = 23
 Slope = 0.0168
 units per year.
 Mann-Kendall
 statistic = 25
 critical = 98
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Sulfate Analysis Run 9/23/2024 5:57 PM View: Appendix III - Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-49 (bg)



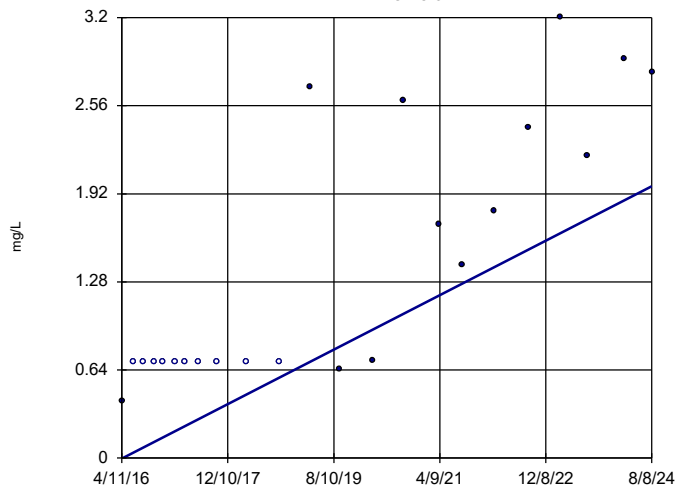
n = 23
 Slope = 0
 units per year.
 Mann-Kendall
 statistic = -40
 critical = -98
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Sulfate Analysis Run 9/23/2024 5:57 PM View: Appendix III - Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Hollow symbols indicate censored values.

Sen's Slope Estimator

GWC-51



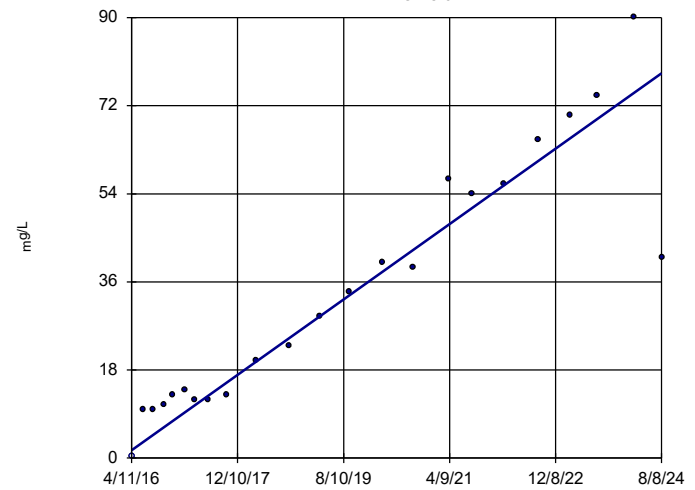
n = 23
 Slope = 0.2375
 units per year.
 Mann-Kendall
 statistic = 150
 critical = 98
 Increasing trend
 significant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Sulfate Analysis Run 9/23/2024 5:57 PM View: Appendix III - Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Hollow symbols indicate censored values.

Sen's Slope Estimator

GWC-52

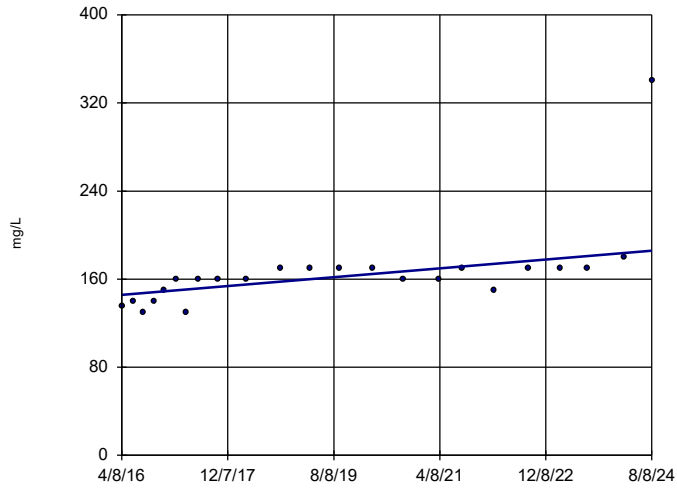


n = 23
 Slope = 9.242
 units per year.
 Mann-Kendall
 statistic = 219
 critical = 98
 Increasing trend
 significant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Sulfate Analysis Run 9/23/2024 5:57 PM View: Appendix III - Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

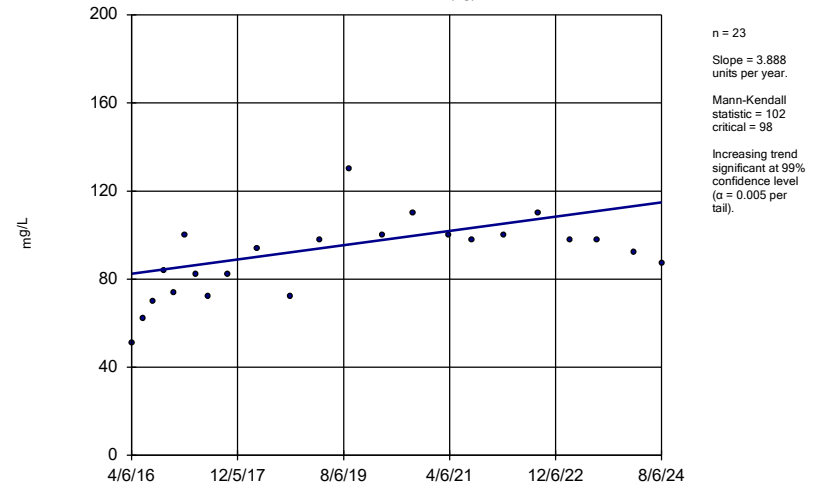
GWC-53



Constituent: Sulfate Analysis Run 9/23/2024 5:57 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

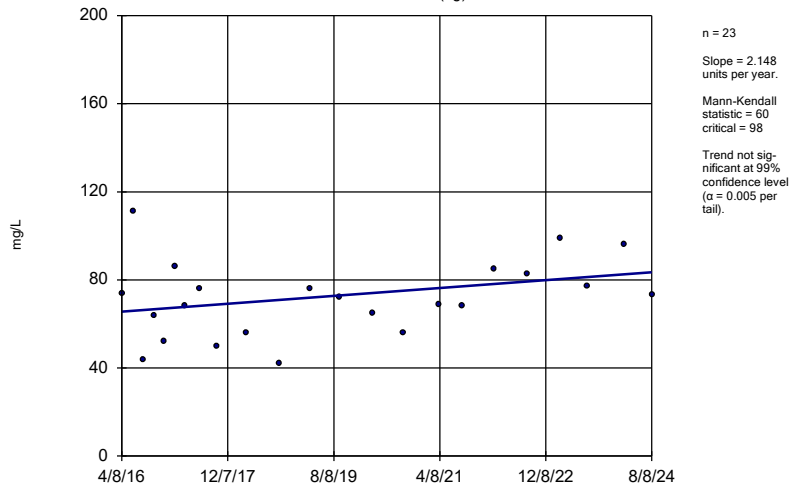
GWA-21 (bg)



Constituent: Total Dissolved Solids Analysis Run 9/23/2024 5:57 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

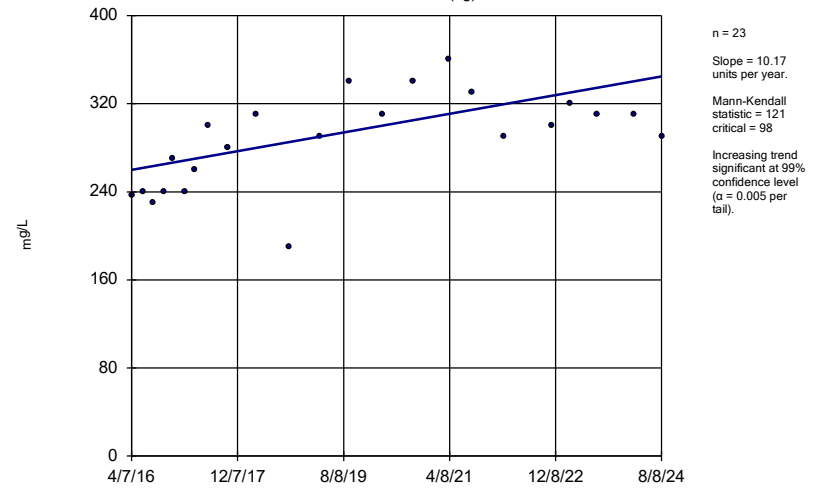
GWA-22 (bg)



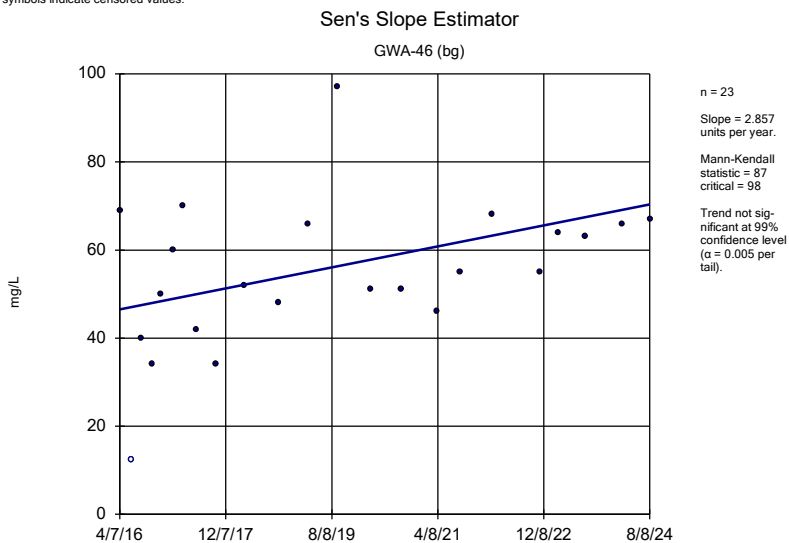
Constituent: Total Dissolved Solids Analysis Run 9/23/2024 5:57 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

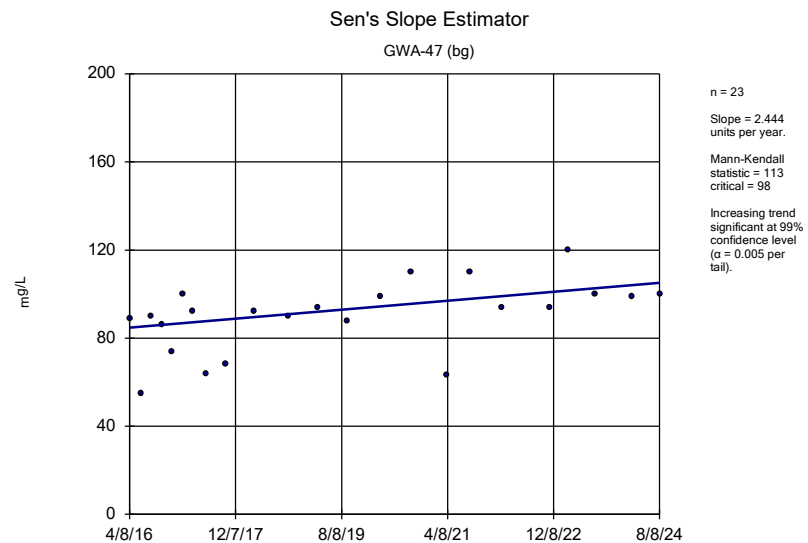
GWA-45 (bg)



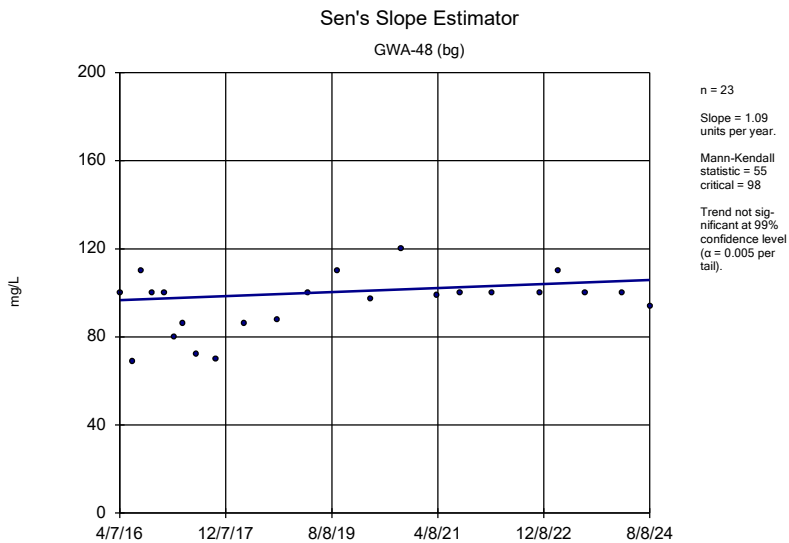
Constituent: Total Dissolved Solids Analysis Run 9/23/2024 5:57 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR



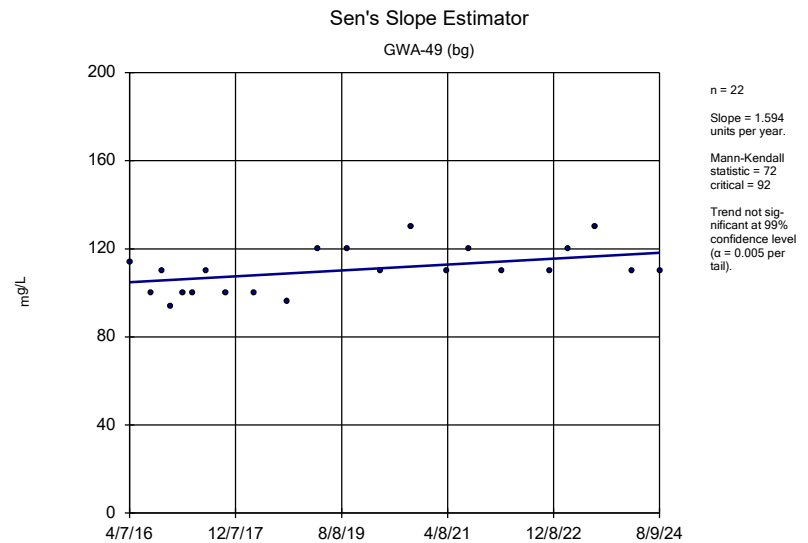
Constituent: Total Dissolved Solids Analysis Run 9/23/2024 5:57 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR



Constituent: Total Dissolved Solids Analysis Run 9/23/2024 5:57 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR



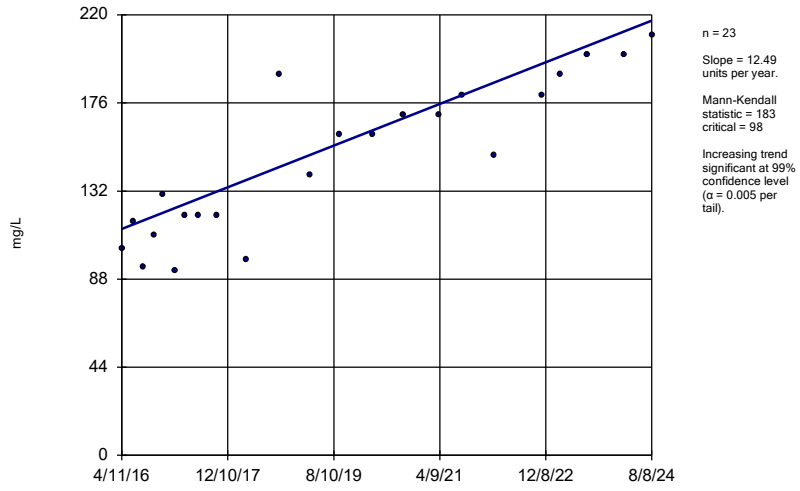
Constituent: Total Dissolved Solids Analysis Run 9/23/2024 5:57 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR



Constituent: Total Dissolved Solids Analysis Run 9/23/2024 5:57 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWC-52



Constituent: Total Dissolved Solids Analysis Run 9/23/2024 5:57 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

FIGURE J.

Appendix III Intrawell Prediction Limits - 11/2024 Resample - Significant Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 12/2/2024, 1:00 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBg	Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Chloride (mg/L)	GWC-53	13	n/a	11/7/2024	14	Yes	19	n/a	n/a	n/a	0	n/a	n/a	0.004832 NP Intra (normality) 1 of 2
Sulfate (mg/L)	GWC-53	170	n/a	11/7/2024	180	Yes	19	n/a	n/a	n/a	0	n/a	n/a	0.004832 NP Intra (normality) 1 of 2

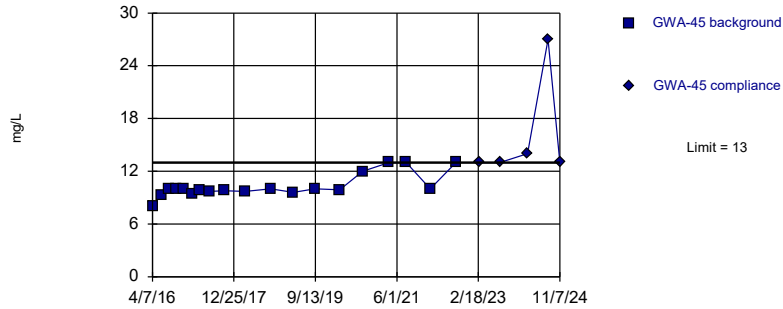
Appendix III Intrawell Prediction Limits - 11/2024 Resample - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 12/2/2024, 1:00 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg.NBg	Mean	Std.Dev.	%NDs	ND Adj.	TransformAlpha	Method
Chloride (mg/L)	GWA-45	13	n/a	11/7/2024	13	No	19	n/a	n/a	0	n/a	n/a	0.004832 NP Intra (normality) 1 of 2
Chloride (mg/L)	GWC-53	13	n/a	11/7/2024	14	Yes	19	n/a	n/a	0	n/a	n/a	0.004832 NP Intra (normality) 1 of 2
pH (S.U.)	GWA-45	6.48	5.92	11/7/2024	6.19	No	23	n/a	n/a	0	n/a	n/a	0.006831 NP Intra (normality) 1 of 2
pH (S.U.)	GWC-53	5.752	5.445	11/7/2024	5.73	No	23	5.598	0.07608	0	None	No	0.000752 Param Intra 1 of 2
Sulfate (mg/L)	GWA-45	190.4	n/a	11/7/2024	160	No	19	151.4	18.71	0	None	No	0.001504 Param Intra 1 of 2
Sulfate (mg/L)	GWC-53	170	n/a	11/7/2024	180	Yes	19	n/a	n/a	0	n/a	n/a	0.004832 NP Intra (normality) 1 of 2

Within Limit

Prediction Limit
Intrawell Non-parametric

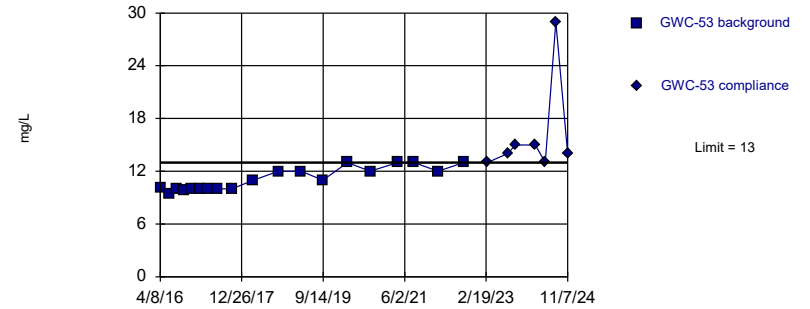


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.05 alpha level. Limit is highest of 19 background values. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Chloride Analysis Run 12/2/2024 12:59 PM View: Appendix III - Intrawell Resample
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limit

Prediction Limit
Intrawell Non-parametric

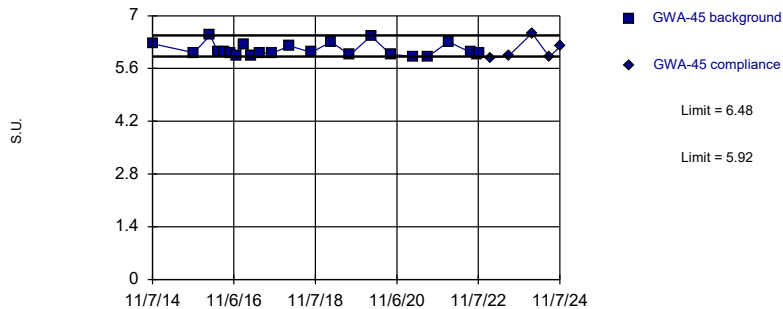


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.05 alpha level. Limit is highest of 19 background values. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Chloride Analysis Run 12/2/2024 12:59 PM View: Appendix III - Intrawell Resample
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limits

Prediction Limit
Intrawell Non-parametric

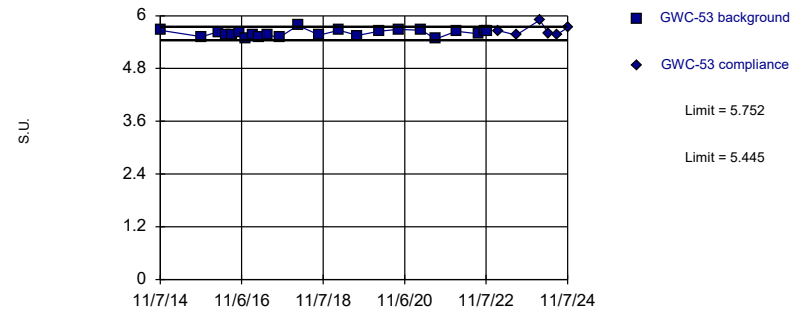


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 23 background values. Well-constituent pair annual alpha = 0.01364. Individual comparison alpha = 0.006831 (1 of 2).

Constituent: pH Analysis Run 12/2/2024 12:59 PM View: Appendix III - Intrawell Resample
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limits

Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=5.598, Std. Dev.=0.07608, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9627, critical = 0.881. Kappa = 2.017 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH Analysis Run 12/2/2024 12:59 PM View: Appendix III - Intrawell Resample
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 12/2/2024 1:00 PM View: Appendix III - IntraWell Resample
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-45	GWA-45
4/7/2016	8.05	
6/14/2016	9.3	
8/9/2016	10	
10/10/2016	10	
12/2/2016	10	
2/9/2017	9.4	
4/7/2017	9.9	
6/22/2017	9.7	
10/10/2017	9.8	
3/22/2018	9.7 (D)	
10/3/2018	10	
3/27/2019	9.6	
9/12/2019	10	
3/19/2020	9.9	
9/11/2020	12	
4/2/2021	13	
8/12/2021	13	
2/14/2022	10	
8/31/2022	13	
2/28/2023		13
8/3/2023		13
3/4/2024		14
8/8/2024		27
11/7/2024		13 (R)

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 12/2/2024 1:00 PM View: Appendix III - IntraWell Resample
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-53	GWC-53
4/8/2016	10.065	
6/16/2016	9.4	
8/11/2016	10	
10/13/2016	9.9	
12/6/2016	10	
2/13/2017	10	
4/11/2017	10	
6/24/2017	10	
10/11/2017	10	
3/26/2018	11	
10/4/2018	12	
3/28/2019	12	
9/12/2019	11	
3/19/2020	13	
9/11/2020	12	
4/6/2021	13	
8/13/2021	13	
2/14/2022	12	
8/31/2022	13	
2/28/2023		13
8/3/2023		14
10/4/2023		15 (R)
3/4/2024		15
5/20/2024		13 (R)
8/8/2024		29
11/7/2024		14 (R)

Prediction Limit

Constituent: pH (S.U.) Analysis Run 12/2/2024 1:00 PM View: Appendix III - Inrawell Resample
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-45	GWA-45
11/7/2014	6.26	
11/13/2015	6.02	
4/7/2016	6.48	
6/14/2016	6.05	
8/9/2016	6.05	
10/10/2016	6.02	
12/2/2016	5.95	
2/9/2017	6.24	
4/7/2017	5.95	
6/22/2017	6.02	
10/10/2017	6	
3/22/2018	6.2	
10/3/2018	6.03	
3/27/2019	6.31	
9/13/2019	5.96	
3/19/2020	6.46	
9/11/2020	5.98	
4/2/2021	5.92	
8/12/2021	5.92	
2/14/2022	6.31	
8/31/2022	6.03	
10/25/2022	5.99	
11/16/2022	6.02	
2/28/2023		5.88
8/3/2023		5.93
3/4/2024		6.54
8/8/2024		5.9
11/7/2024		6.19 (R)

Prediction Limit

Constituent: pH (S.U.) Analysis Run 12/2/2024 1:00 PM View: Appendix III - Inrawell Resample
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-53	GWC-53
11/7/2014	5.67	
5/25/2015	7.725 (oD)	
11/13/2015	5.52	
4/8/2016	5.63	
6/16/2016	5.56	
8/11/2016	5.56	
10/13/2016	5.61	
12/6/2016	5.48	
2/13/2017	5.57	
4/11/2017	5.52	
6/26/2017	5.56	
10/11/2017	5.51	
3/26/2018	5.78	
10/4/2018	5.56	
3/28/2019	5.67	
9/13/2019	5.55	
3/19/2020	5.65	
9/11/2020	5.69	
4/6/2021	5.67	
8/13/2021	5.47	
2/14/2022	5.65	
8/31/2022	5.59	
10/25/2022	5.64	
11/16/2022	5.65	
2/28/2023		5.66
8/3/2023		5.56
3/4/2024		5.9
5/20/2024		5.6 (R)
8/8/2024		5.58
11/7/2024		5.73 (R)

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 12/2/2024 1:00 PM View: Appendix III - IntraWell Resample
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-45	GWA-45
4/7/2016	107.095	
6/14/2016	160	
8/9/2016	130	
10/10/2016	140	
12/2/2016	150	
2/9/2017	150	
4/7/2017	140	
6/22/2017	160	
10/10/2017	160	
3/22/2018	150 (D)	
10/3/2018	140	
3/27/2019	140	
9/12/2019	170	
3/19/2020	150	
9/11/2020	170	
4/2/2021	180	
8/12/2021	180	
2/14/2022	130	
8/31/2022	170	
2/28/2023		170
8/3/2023		170
3/4/2024		160
8/8/2024		300
11/7/2024		160 (R)

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 12/2/2024 1:00 PM View: Appendix III - Inrawell Resample
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-53	GWC-53
4/8/2016	135.355	
6/16/2016	140	
8/11/2016	130	
10/13/2016	140	
12/6/2016	150	
2/13/2017	160	
4/11/2017	130	
6/24/2017	160	
10/11/2017	160	
3/26/2018	160	
10/4/2018	170	
3/28/2019	170	
9/12/2019	170	
3/19/2020	170	
9/11/2020	160	
4/6/2021	160	
8/13/2021	170	
2/14/2022	150	
8/31/2022	170	
2/28/2023		170
8/3/2023		170
3/4/2024		180
8/8/2024		340
11/7/2024		180 (R)

FIGURE K.

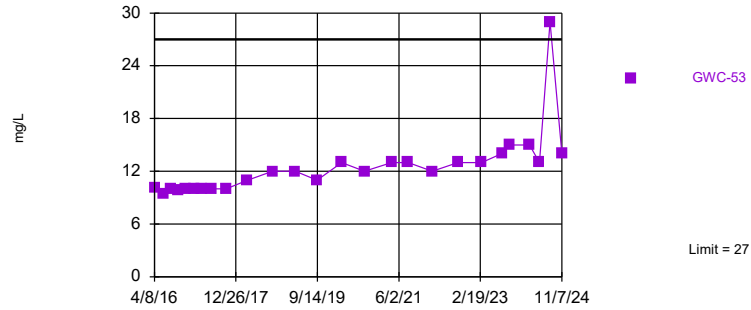
Appendix III Interwell Prediction Limits - Two-Step 11/2024 Resample - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 12/2/2024, 1:06 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg.	NBg	Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Chloride (mg/L)	GWC-53	27	n/a	11/7/2024	14	No	161	n/a	n/a	n/a	0	n/a	n/a	0.00007576 NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-53	300	n/a	11/7/2024	180	No	162	n/a	n/a	n/a	39.51	n/a	n/a	0.00007496 NP Inter (normality) 1 of 2

Within Limit

Prediction Limit
Interwell Non-parametric

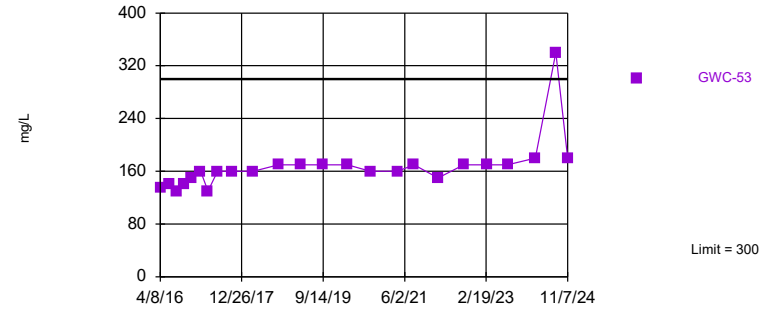


Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 161 background values. Annual per-constituent alpha = 0.0007573. Individual comparison alpha = 0.00007576 (1 of 2). Assumes 4 future values.

Constituent: Chloride Analysis Run 12/2/2024 1:01 PM View: Appendix III - Resample Two-Step
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 162 background values. 39.51% NDs. Annual per-constituent alpha = 0.0007494. Individual comparison alpha = 0.00007496 (1 of 2). Assumes 4 future values.

Constituent: Sulfate Analysis Run 12/2/2024 1:01 PM View: Appendix III - Resample Two-Step
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 12/2/2024 1:06 PM View: Appendix III - Resample Two-Step

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-49 (bg)	GWA-48 (bg)	GWA-46 (bg)	GWA-45 (bg)	GWC-53	GWA-22 (bg)	GWA-47 (bg)
4/6/2016	3.034							
4/7/2016		2.285	1.842	2.914	8.05			
4/8/2016						10.065	2.1	1.57
6/14/2016	3.1	2.3		3.1	9.3		4.2	1.7
6/16/2016						9.4		
6/17/2016			1.9					
8/9/2016		2.3		3.2	10		5	1.5
8/10/2016	2.7		1.8					
8/11/2016						10		
10/10/2016				3	10			
10/11/2016	2.7	2.1					3.8	1.6
10/13/2016						9.9		
10/14/2016			1.7					
12/2/2016	2.5	2		3	10			
12/5/2016							3.6	1.5
12/6/2016						10		
12/19/2016			2.7 (O)					
2/9/2017		2.1			9.4			
2/10/2017	3.4			2.7			2.2	1.5
2/13/2017			1.8			10		
4/7/2017		2	1.7	2.9	9.9		2.2	1.4
4/10/2017	3.6							
4/11/2017						10		
6/22/2017		2	1.7		9.7			1.4
6/23/2017	3.2			3.3				
6/24/2017						10		
6/26/2017							3.4	
10/9/2017	3.5						3.4	
10/10/2017		2	1.6	3.5	9.8			1.4
10/11/2017						10		
3/22/2018		1.9			9.7 (D)			1.3
3/23/2018			1.6	3.6				
3/26/2018	3.8					11	1.9 (D)	
10/3/2018	4	2	1.6		10		2.9	
10/4/2018				3.9		12		
10/5/2018								1.4
3/27/2019	2.9	1.9	1.5	3.7	9.6		2	1.2
3/28/2019						12		
9/12/2019	3.4	1.9	1.7	4.3	10	11	2.5	1.4
3/19/2020	3.9	2.2	1.9	4.5	9.9	13	2.2	
3/20/2020								1.7
9/10/2020	3.7	2.1					2.5	
9/11/2020			1.8	4.7	12	12		1.6
4/2/2021	3.7				13		1.8	
4/5/2021			2	5.3				1.8
4/6/2021		2.1				13		
8/12/2021	4.1	2.2	1.8	5.5	13		2.7	
8/13/2021						13		1.8
2/14/2022	4	2	1.8	5	10	12		1.5
2/15/2022							1.8	
8/26/2022	3.6						2	
8/30/2022		2.2						

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 12/2/2024 1:06 PM View: Appendix III - Resample Two-Step
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-49 (bg)	GWA-48 (bg)	GWA-46 (bg)	GWA-45 (bg)	GWC-53	GWA-22 (bg)	GWA-47 (bg)
8/31/2022			1.6	5.1	13	13		1.5
2/28/2023	3.6		1.8	5.2	13	13	1.8	1.7
3/1/2023		2.1						
8/2/2023	3.4							
8/3/2023		1.9	1.7	5.2	13	14	1.8	1.6
10/4/2023						15 (R)		
2/29/2024	3.7							
3/4/2024		2	1.8	5.4	14	15	1.8	1.8
5/20/2024						13 (R)		
8/6/2024	3.2							
8/8/2024			1.8	5.5	27	29	1.9	1.7
8/9/2024		2						
11/7/2024					13 (R)	14 (R)		

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 12/2/2024 1:06 PM View: Appendix III - Resample Two-Step

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-49 (bg)	GWA-46 (bg)	GWA-45 (bg)	GWA-48 (bg)	GWA-47 (bg)	GWC-53	GWA-22 (bg)
4/6/2016	0.813 (J)							
4/7/2016		0.507 (J)	0.594 (J)	107.095	1.522			
4/8/2016						<1	135.355	<1
6/14/2016	<1	<1	<1	160		<1		<1
6/16/2016							140	
6/17/2016					1.1			
8/9/2016		<1	<1	130		<1		<1
8/10/2016	0.9 (J)				1.1			
8/11/2016							130	
10/10/2016			<1	140				
10/11/2016	0.99 (J)	<1				<1		<1
10/13/2016							140	
10/14/2016					0.89 (J)			
12/2/2016	0.99 (J)	<1	<1	150				
12/5/2016						<1		<1
12/6/2016							150	
12/19/2016					1.2			
2/9/2017		<1		150				
2/10/2017	1.4		<1			<1		<1
2/13/2017					1.4		160	
4/7/2017		<1	<1	140	1.2	<1		<1
4/10/2017	1.6							
4/11/2017							130	
6/22/2017		<1		160	1.1	<1		
6/23/2017	1.8		<1					
6/24/2017							160	
6/26/2017								<1
10/9/2017	2.5							<1
10/10/2017		<1	<1	160	0.92 (J)	<1		
10/11/2017							160	
3/22/2018		<1		150 (D)		<1		
3/23/2018			<1		1.3			
3/26/2018	2.3						160	<1 (D)
10/3/2018	1.9	<1		140	1.2			<1
10/4/2018			<1				170	
10/5/2018						<1		
3/27/2019	0.81 (J)	0.56 (J)	0.52 (J)	140	1.6	<1		<1
3/28/2019							170	
9/12/2019	1.3	0.77 (J)	0.61 (J)	170	1.2	0.4 (J)	170	0.38 (J)
3/19/2020	0.92 (J)	0.56 (J)	0.39 (J)	150	1.5		170	<1
3/20/2020						0.58 (J)		
9/10/2020	1.3	0.42 (J)						<1
9/11/2020			0.99 (J)	170	1.3	0.39 (J)	160	
4/2/2021	0.99 (J)			180				<1
4/5/2021			<1		1.3	<1		
4/6/2021		<1					160	
8/12/2021	1.8	<1	1	180	1			<1
8/13/2021						<1	170	
2/14/2022	1	0.85 (J)	<1	130	1.2	<1	150	
2/15/2022								0.87 (J)
8/26/2022	2.7							<1
8/30/2022		0.76 (J)						

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 12/2/2024 1:06 PM View: Appendix III - Resample Two-Step
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-49 (bg)	GWA-46 (bg)	GWA-45 (bg)	GWA-48 (bg)	GWA-47 (bg)	GWC-53	GWA-22 (bg)
8/31/2022			1.1	170	1.6	1.1	170	
2/28/2023	2.7		1.7	170	2.5	1.6	170	1.7
3/1/2023		1.2						
8/2/2023	1.4							
8/3/2023		0.46 (J)	0.49 (J)	170	0.94 (J)	<1	170	<1
2/29/2024	2.8							
3/4/2024		0.66 (J)	0.64 (J)	160	1.4	0.46 (J)	180	<1
8/6/2024	1.7							
8/8/2024			<1	300	0.66 (J)	<1	340	<1
8/9/2024		<1						
11/7/2024				160 (R)			180 (R)	

APPENDIX F

Alternate Source Demonstrations



REPORT

Alternate Source Demonstration

*Plant Scherer Cell 1 and PAC Ash Cell Permit No. 102.009D(CCR)
2023 Second Semi-Annual Event*

Submitted to:



Georgia Power Company

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Submitted by:

WSP USA, Inc.

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April 28, 2024



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Certification

This *Alternate Source Demonstration, Plant Scherer Cell 1 and PAC Ash Cell Permit No. 102-009D(CCR), 2023 Second Semi-Annual Monitoring Event*, has been prepared in compliance with the United States Environmental Protection Agency Coal Combustion Residual Rule (40 Code of Federal Regulations [CFR] 257 Subpart D), specifically § 257.90(e), and the Georgia Environmental Protection Division Rules for Solid Waste Management 391-3-4-.10 by a qualified groundwater scientist or engineer with WSP USA Inc. I hereby certify that I am a qualified groundwater scientist, in accordance with the Georgia Rules of Solid Waste Management 391-3-4-.01.

WSP USA Inc. certifies that monitored constituents were below the applicable Georgia maximum contaminant levels.

WSP USA Inc.



Dawn L. Prell, CPG
Technical Principal, Hydrogeologist



Rhonda N. Quinn, PG
Senior Geologist, Registered Professional Geologist No. 1031



Mark T. Prytula, PhD, PE
Georgia Registered Professional Engineer No. 026729

1.0 INTRODUCTION

This Alternate Source Demonstration (ASD) has been prepared on behalf of Georgia Power Company (Georgia Power) by WSP USA, Inc. (WSP) in accordance with 40 CFR § 257.90(e) of the Federal Coal Combustion Residuals (CCR) Rule and 391-3-4-.10 of the Georgia (GA) Solid Waste Management Rules to address the statistically significant increases (SSIs) of constituents over background concentrations.

These SSIs were reported in the *2023 Annual Groundwater Monitoring and Corrective Action Report* dated January 31, 2024, for the August 2023 semi-annual groundwater sampling event at Georgia Power's Plant Scherer (Scherer) Cell 1 and Powdered Activated Carbon (PAC) Ash Cell (WSP, 2024). Within 90 days of the reported SSIs, in compliance with 391-3-4-.10, this report describes an alternate source and demonstrates that the SSIs are not the result of a release from Cell 1 or PAC Ash Cell, but rather due to natural variability in groundwater chemistry.

Semi-annual groundwater quality monitoring and reporting for the landfill units at Plant Scherer are performed in accordance with the Solid Waste Permit 102.009D(CCR); and the Site's *Groundwater Monitoring Plan*, and the CCR Rule 40 CFR § 257.90-98. The following sections address the statistical exceedances noted following the 2023 second semi-annual monitoring event and provide evidence that demonstrates an alternate source for these exceedances.

2.0 SITE DESCRIPTION

Plant Scherer is a coal-fired power generation facility located in northeast Monroe County approximately five miles south of Juliette, GA. The property occupies approximately 13,000 acres and is bounded on the south by Lake Juliette. The plant is primarily surrounded by agricultural and residential use. Figure 1 depicts the location of Plant Scherer relative to the surrounding area. The Site is located within the Piedmont Physiographic Province of central Georgia, which is characterized by gently rolling hills and narrow valleys, with locally pronounced linear ridges (Golder 2022a). Overall, the property slopes gently south towards Lake Juliette and east toward the Ocmulgee River (Figure 1).

The Plant Scherer Landfill consists of a two active cells, namely, Cell 1 and PAC Ash Cell (Figure 1). The two active cells have been used since 2011 for the disposal of CCR. The landfill is situated on a topographically high area of the property east/southeast of the ash pond. The landfill cells have a geosynthetic clay and geomembrane composite liner, and a leachate collection and removal system. Figures 2 and 3 depict the general configuration of Cell 1 and the PAC Ash Cells along with the potentiometric surface inferred from groundwater elevations measured in the monitoring well network on July 31, 2023. Figure 4 presents a hydrograph of groundwater elevations for wells around Cell 1.

3.0 EVALUATION OF ANALYTICAL RESULTS & STATISTICAL ANALYSES

As presented in the *2023 Annual Groundwater Monitoring and Corrective Action Report*, detected concentrations of target constituents are below the established prediction limits (PLs) in groundwater samples collected during the August 2023 sampling event with the exception of barium, calcium, TDS, sulfate in various wells at Cell 1 and chloride in well GWC-53 at PAC Ash Cell.

Verification sampling conducted in October 2023 confirmed the SSI of chloride in GWC-53. The SSIs that had been identified previously and identified again in the 2023 second semi-annual event data were not re-sampled in

October 2023. The SSIs noted at the Site are below applicable primary or secondary maximum contaminant levels (MCLs) for drinking water.

This report documents an Alternate Source Demonstration (ASD) to address the SSIs above background concentrations. Prior ASDs have been prepared to address the SSIs of barium, calcium, sulfate, and TDS at GWC-4 and calcium at GWC-8A and GWC-19. Table 1 summarizes the statistical exceedances above PLs following the August 2023 sampling event and subsequent October 2023 resampling results.

3.1 Statistical Analysis Method

The selected statistical evaluation procedure for Cell 1 and PAC Ash Cell was developed using methodology presented in *Statistical Analysis of Groundwater Data at RCRA Facilities, Unified Guidance*, (Unified Guidance) (USEPA March 2009). Sanitas groundwater statistical software was used to perform the statistical analyses. Sanitas is a decision-support software package that incorporates the statistical tests required of Subtitle C and D facilities by United States Environmental Protection Agency (USEPA) regulations and as recommended in the Unified Guidance.

During detection monitoring at the Site, groundwater quality data are evaluated using a two-step statistical approach (i.e., intrawell followed by interwell PLs). The statistical method(s) use an optional 1-of-2 verification resample plan. Intrawell statistical analyses methods are evaluated for each well and constituent pair. For an apparent SSI, a second step of interwell comparisons is performed. An SSI is declared when downgradient well data exceed both intrawell and interwell PLs.

3.2 Statistical Analysis Results

The calculated prediction limits and the statistical analysis (Sanitas) results are included in *2023 Annual Groundwater Monitoring and Corrective Action Report* (WSP 2024).

Using the statistical methods described above, including the two-step analyses, the following SSIs are noted following the second semi-annual 2023 monitoring event including both the August sample event and the October 2023 verification sampling event.

Parameter	Well ID
Cell 1	
Barium	GWC-4
Calcium	GWC-4, GWC-8A, GWC-19, GWC-20
TDS	GWC-4
Sulfate	GWC-4
PAC Ash Cell	
Chloride	GWC-53

4.0 ALTERNATE SOURCE DEMONSTRATION

In accordance with Rule § 391-3-4-.10 and 40 CFR § 257.90(e), the following discussion provides a demonstration that the SSIs identified following the August 2023 sampling event are not the result of a release from Cell 1 or the PAC Ash Cell. Prior ASDs were prepared for several of the SSIs identified following the August 2023 sampling event. Documentation of the prior ASDs is identified on Table 1 and has been summarized in this demonstration.

In general, SSIs can be attributed to natural variability in groundwater chemistry. The variations of metal concentrations at several wells across the Site reflect variations in groundwater flow and chemistry following repairs to the sedimentation ponds and the clear pool made in 2023 and on other occasions in previous years which have affected nearby monitoring wells.

4.1 Barium, Calcium, Sulfate, and TDS at GWC-4

The concentration of barium in groundwater at GWC-4 during the August 2023 monitoring event (0.085 mg/L) is slightly above the intrawell prediction limit (0.053 mg/L), but still substantially below the MCL of 2 mg/L (Figure 5). Barium is a naturally occurring alkaline earth metal commonly found in soils at a range of 10 to 5,000 mg/kg in soils across the United States, with an average concentration of 290 mg/kg in the Eastern United States (Smith and Huyck, 1999). Barium is typically found in groundwater as the divalent cation Ba^{2+} across a wide range of redox and pH conditions. As such barium is prevalent in Piedmont groundwater at concentrations typically higher than other metals (USGS 2013). Where barium concentrations are high in groundwater, it has been observed that there is low sulfate in groundwater, indicating barite [$BaSO_4$], a common mineral, is a likely control on the barium concentration in natural groundwater (Hem 1985). With a range of less than 30 parts per billion over the upper PL, such variations in barium and other metal concentrations in groundwater are expected due to natural variations in groundwater quality resulting from variations in groundwater flow. Monitoring well GWC-4 is located adjacent to the southern portion of the North Sedimentation Pond where liner installation and repairs have occurred since 2020.

Barium concentrations at well GWC-4 are comparable to the reported range of barium concentrations (0.02 to 0.12 mg/L) in the crystalline rock aquifers of the Piedmont (USGS 2009 and USGS 2013). Naturally occurring minerals such as barite are fairly common in the Piedmont and barite is easily dissolved under most geochemical conditions (USGS 2013). The decline in water levels, following installation of the North Sedimentation Pond, in several site monitoring wells since 2020 (Figure 4) is also a likely factor contributing to the variability in natural chemistry observed across the Site.

The calcium concentration at GWC-4 in August 2023 was 25 mg/L, compared to the PL of 17.6 mg/L (Figure 5). The calcium concentration in well GWC-4 is due to impacts from construction of the nearby North Sedimentation Pond, natural variations in groundwater flow, and mineral saturation and solubility rather than any release from the lined CCR landfill units, as demonstrated below utilizing boron as an indicator parameter and evaluating mineral saturation indices.

The TDS concentration at GWC-4 in August 2023 was 220 mg/L, compared to the intrawell PL of 178.1 mg/L (Figure 6). TDS concentrations have been elevated above the PL during prior sampling events in February 2023 (240 mg/L) and May 2023 (290 mg/L) but began to decrease in August 2023 (220 mg/L). The sulfate concentration at GWC-4 in August 2023 was 53 mg/L, compared to the intrawell PL of 6.288 mg/L (Figure 6). Elevated TDS and sulfate concentrations in well GWC-4 are due to impacts from construction of the nearby North

Sedimentation Pond, natural variations in groundwater flow, and mineral saturation and solubility rather than any release from the lined CCR landfill units.

Boron is a constituent in CCR materials that is commonly used as an indicator parameter in groundwater monitoring at CCR units because of its behavior as a conservative (non-reactive) element in groundwater flow (Ruhl 2014). Boron has not been detected throughout the monitoring history at GWC-4 (i.e., <0.060 mg/L, Figure 7), and chloride (another indicator parameter) concentrations at GWC-4 are below PLs (Figure 7); indicating that the detected SSIs are not the result of a release from the lined CCR landfill units. Mineral saturation indices (SIs)¹ for well GWC-4 are shown in Table 2. The SIs indicate that calcite (CaCO₃) and gypsum (CaSO₄) are undersaturated and barite (BaSO₄) is near equilibrium for the chemical composition of groundwater in well GWC-4. This means additional calcium and sulfate dissolution from the aquifer system remains favorable until chemical equilibrium (calcium, barium, and/or sulfate saturation) is achieved. The apparent increase in TDS concentrations above the PLs is attributable to mineral dissolution and re-equilibration, and such variations in metal concentrations are expected due to natural variations in groundwater flow in the overburden-fractured rock aquifer at the Site. Physical changes at the Site from engineering and construction activities can also cause these changes when soils rich in calcium and sulfide minerals are exposed to the surface with additional recharge resulting in leaching of these minerals. Additionally, excavation of vegetation and organic soils found in the sediment pond footprint (previously used for stormwater control), the addition of structural fill, and construction of a two-foot layer of compacted clay liner provide a site-specific source of soluble minerals. Overall, the groundwater quality in well GWC-4 reflects metal concentrations that are comparable to reported background concentrations in the nearby Piedmont areas (USGS 2013).

Groundwater elevations in well GWC-4 have slightly declined during the last two years but have increased slightly between the August 2022 event and August 2023 event (Figure 4). The changes in groundwater levels affect the pH and redox condition in the uppermost aquifer and subsequently, affect the kinetics of mineral dissolution or precipitation. Groundwater elevations at several of the Site wells (including GWC-4) have declined nearly five feet since 2019, likely due to the 2020 construction of the lined sedimentation pond.

Based on these facts, the elevated concentrations of barium, calcium, sulfate, and TDS at GWC-4 are not the result of a release from Cell 1 but rather due to natural variability in groundwater chemistry as a result of the change in recharge conditions and cation exchange reactions.

4.2 Calcium at GWC-8A, GWC-19, and GWC-20

An ASD for calcium at GWC-8A was last submitted in November 2022. The calcium concentrations in August 2023 at monitoring well GWC-8A was 53 mg/L, compared to the PL of 45.47 mg/L, the concentration at GWC-19 was 18 mg/L, compared to the PL of 15.99 mg/L, and the concentration at GWC-20 was 16 mg/L, compared to the PL of 15.76 mg/L (Table 1).

As shown on Figure 8, an inverse relationship is observed between calcium and sulfate. This further substantiates that natural variability is the source of the observed calcium concentrations in groundwater at the Site, as impacts from Cell 1 would demonstrate a calcium sulfate (gypsum) chemistry. General chemistry at GWC-8A compared to

¹ Mineral Saturation Index (SI) is a measure of whether a water will tend to dissolve or precipitate a particular mineral. An SI is negative when the mineral may be dissolved (i.e., it is present below its saturation concentration), positive when it may be precipitated (i.e., is above its saturation concentration), and zero when the water and mineral are at chemical equilibrium. The SI is calculated by comparing the chemical activities of the dissolved ions of the mineral (ion activity product, IAP) with their solubility product (K_{sp}). In equation form, $SI = \log(IAP/K_{sp})$.

upgradient groundwater monitoring wells is shown on a piper trilinear diagram presented as Figure 9. Review of the piper diagram shows that the dissolved constituent concentrations in these wells are similar to upgradient groundwater quality and do not indicate influence from Cell 1 and that GWC-8A plots consistent with upgradient groundwater quality and does not suggest influence of another source (i.e., Cell 1). Overall, the groundwater quality in wells GWC-8A, GWC-19, and GWC-20 reflects metal concentrations that are comparable to reported background concentrations in the nearby Piedmont areas (USGS 2013) and the variations in calcium in groundwater at GWC-8A, are due to natural variations in groundwater quality related to mineral saturation and solubility.

SIs for wells GWC-8A, GWC-19, and GWC-20 are shown in Table 2. The SI data indicate that calcite (CaCO_3) is undersaturated based on the chemical composition of groundwater in wells GWC-8A, GWC-19, and GWC-20. This condition means additional calcium dissolution from the aquifer system remains favorable until chemical equilibrium (calcium saturation) is achieved. The apparent increase in calcium concentrations above the PLs is attributed to mineral dissolution and re-equilibration, and such variations in metal concentrations are expected due to natural variations in groundwater flow in the overburden-fractured rock aquifer at the Site. Physical changes at the Site from engineering and construction activities can also cause these changes when soils rich in calcium and sulfide minerals are exposed to the surface with additional recharge resulting in leaching of these minerals. Additionally, excavation of vegetation and organic soils found in the sediment pond footprint (previously used for stormwater control), the addition of structural fill, and construction of a two-foot layer of compacted clay liner near GWC-19 and GWC-20, coupled with liner repairs and site maintenance at the lined pond near GWC-8A can provide a site-specific source of soluble minerals.

Groundwater elevations in wells GWC-19 and GWC-20 have slightly declined since March 2019 (Figure 4), since the over-excavation and lining of the North Sedimentation Pond. Construction, including the addition of 2,600 feet of underdrain, occurred at the Site. Construction of the drain, which occurred in December 2019, (Brantley 2020), corresponds to the observed increase in calcium GWC-19 and GWC-20.

The decreases in groundwater levels can affect the pH and redox condition in the uppermost aquifer and subsequently, affect the kinetics of mineral dissolution or precipitation. Groundwater elevations have declined nearly five feet in several of the Site wells (including GWC-19, and GWC-20) since 2019 (Figure 4).

4.3 Chloride at GWC-53

A SSI of chloride was identified at GWC-53 following the August 2023 sampling event and was confirmed during the October 2023 resampling event. Although the October 2023 resample result confirmed the concentration reported in August 2023, chloride concentrations during both events are only slightly above the adjacent upgradient background well GWA-45. The August 2023 concentration of chloride at GWC-53 at 14 mg/L and the October resample concentration of 15 mg/L is only slightly above the prediction limit for GWC-53 and the background chloride concentration at GWC-45, both at 13 mg/L. A time series for chloride at monitoring well GWC-53 is shown on Figure 10.

Primary indicator parameter, boron, has not been observed historically above the prediction limits at GWC-53. If the SSI of chloride reported in well GWC-53 was due to a release from the landfill, an increase in multiple indicator parameters would be expected but has not been observed. As a result, the increase in chloride concentration at GWC-53 is attributable to natural variations in groundwater chemistry.

5.0 CONCLUSIONS

This ASD has been prepared in response to apparent statistical exceedances presented in the *2023 Annual Groundwater Monitoring and Corrective Action Report, Georgia Power Plant Scherer Cell 1 and PAC Ash Cell, Permit No. 102-009D(CCR)*, dated January 31, 2024. In accordance with 40 CFR § 257.90(e) and §391-3-4-.10 of the Georgia Solid Waste Management Rules, this ASD addresses each of the SSIs noted following the August 2023 sampling event.

Based on the data presented herein, SSIs from the August 2023 monitoring event are not the result of a release from the lined landfill units, but rather natural variability in groundwater quality. The lines of evidence include:

- The landfill cells have a geosynthetic clay and geomembrane composite liner, and a leachate collection and removal system. There is no evidence of a release through the liner systems.
- Construction and repair of the lining of the North Sedimentation Pond has affected localized aquifer recharge and groundwater elevations in nearby wells.
- The reported concentrations of barium are within the range of concentrations expected in the overburden – fractured bedrock aquifers in samples from the Piedmont in the southeastern United States (USGS 2009; USGS 2013).
- The chemical composition of groundwater in wells GWC-8A, GWC-19, and GWC-20, are similar to upgradient groundwater (Figure 9).
- The chemical composition of groundwater in well GWC-53 is similar to upgradient well GWA-45.
- Boron, a primary indicator parameter for CCR, does not exhibit an SSI at wells GWC-4, GWC-8A, GWC-19, GWC-20 or GWC-53.
- Mineral saturation indices suggest that barium, chloride, sulfate, and TDS concentrations in groundwater in GWC-4, GWC-8A, GWC-19, and GWC-20 are affected by the natural mineral dissolution in the aquifer materials rather than a release from Cell 1.

The SSIs addressed above are below their primary or secondary MCLs. Based on the findings presented herein, Georgia Power will continue with detection groundwater monitoring at Cell 1 and PAC Ash Cell. A copy of this ASD will be included with the forthcoming Semi-Annual report.

6.0 REFERENCES

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Tables & Figures

TABLE 1
SUMMARY OF STATISTICALLY SIGNIFICANT INCREASES
2023 SECOND SEMI-ANNUAL EVENT
 Georgia Power Company - Plant Scherer
 Juliette, Georgia

Constituent	Units	Well ID	Intrawell Prediction Limit	Interwell Prediction Limit	Concentration (mg/L)		ASD Previously Submitted
					August 2023	October 2023	
CELL 1							
Barium	mg/L	GWC-4	0.05318	0.051	0.085	NA	Yes ^{[1] [2] [3]}
Sulfate	mg/L	GWC-4	6.288	3.5	53	NA	Yes ^{[2] [3]}
Total Dissolved Solids	mg/L	GWC-4	178.1	137.7	220	NA	Yes ^[1]
Calcium	mg/L	GWC-4	17.6	14	25	NA	Yes ^[2]
Calcium	mg/L	GWC-8A	45.47	14	53	NA	Yes ^[3]
Calcium	mg/L	GWC-19	15.99	14	18	NA	Yes ^[2]
Calcium	mg/L	GWC-20	15.76	14	16	NA	No
PAC Ash Cell							
Chloride	mg/L	GWC-53	13	13	14	15	No

Notes:

[1] Alternate Source Demonstration Georgia Power Company – Plant Scherer Cell 1 and PAC Ash Cell Permit No. 102.009D(LI) 2023 First Semi-Annual Monitoring Event, November 29, 2023 (WSP 2023).

[2] Alternate Source Demonstration Georgia Power Company – Plant Scherer Cell 1 and PAC Ash Cell Permit No. 102.009D(LI) 2022 Second Semi-Annual Monitoring Event, May 1, 2023 (WSP 2023).

[3] Alternate Source Demonstration Georgia Power Company – Plant Scherer Cell 1 and PAC Ash Cell Permit No. 102.009D(LI) 2022 First Semi-Annual Event, November 29, 2022 (WSP 2022).

NA Not Analyzed

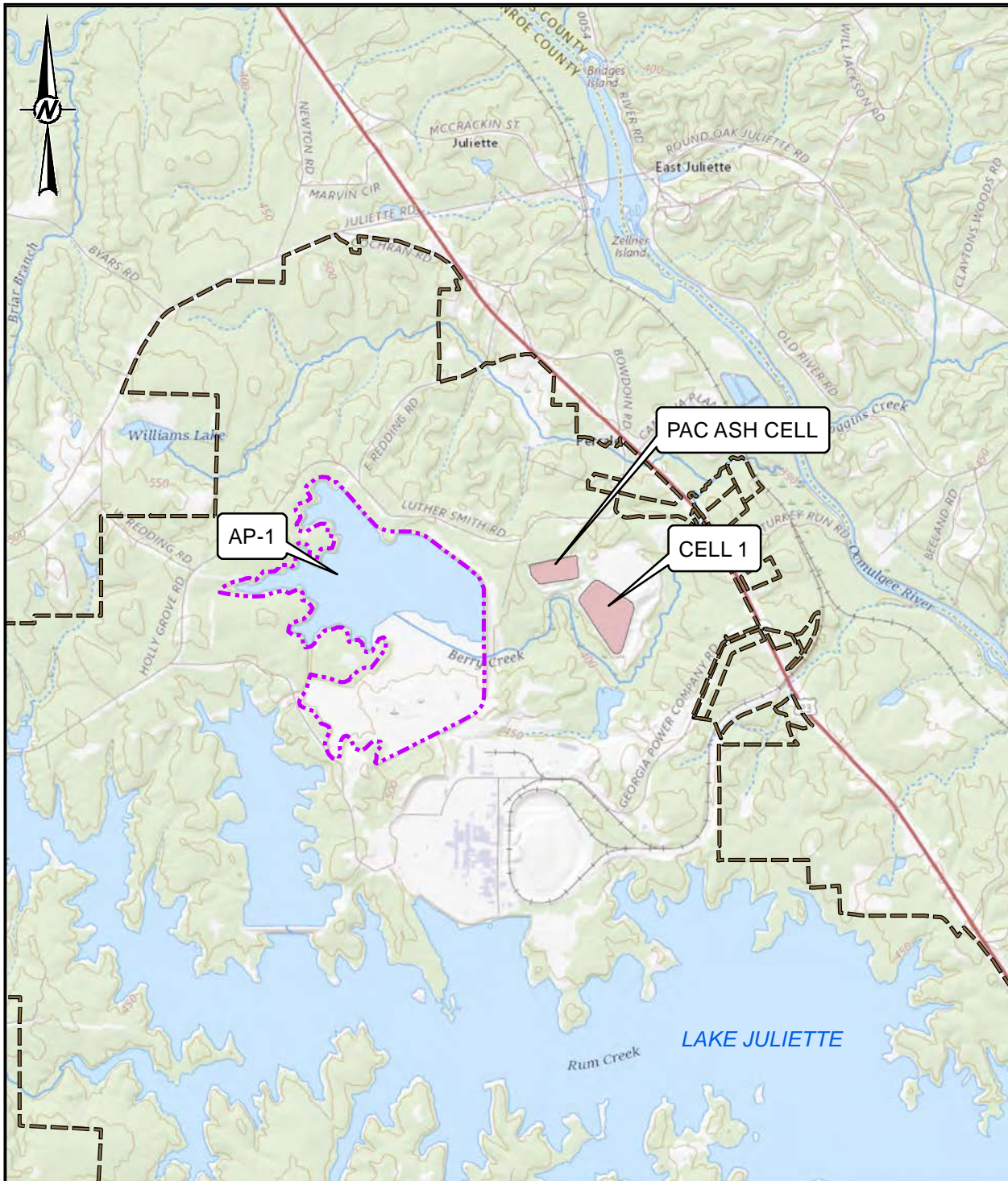
mg/L milligrams per liter

TABLE 2
SATURATION INDICES
2023 SECOND SEMI-ANNUAL EVENT
Georgia Power Company-Plant Scherer
Juliette, GA

Well ID	August 2023		
	Calcite	Barite	Gypsum
GWA-15	-3.7515	-2.0425	-4.2084
GWA-16	-2.0752	-2.3263	-4.4672
GWA-17	-2.3819	-1.8826	-4.2343
GWC-1	-1.4944	-2.0467	-4.314
GWC-2	-1.4749	-2.0228	-4.2619
GWC-3	-2.8288	-1.6273	-3.7551
GWC-4	-1.8525	0.2111	-2.1855
GWC-5	-1.9199	-0.0722	-1.9624
GWC-6	-1.8747	-0.8917	-3.2221
GWC-7	-1.7154	-1.8333	-4.0296
GWC-8A	-0.8715	-0.9638	-2.7987
GWC-9	-1.4938	-0.8413	-2.8652
GWC-10	-1.7699	-1.5241	-3.6162
GWC-11	-2.0659	-2.0749	-4.0475
GWC-12	-5.0419	-1.9201	-5.0166
GWC-13	-2.7339	-1.5983	-4.1531
GWC-14	-3.2795	-2.2157	-4.2757
GWC-18	-2.0414	-1.7679	-4.1344
GWC-19	-1.7339	-1.8813	-3.9729
GWC-20	-1.5887	-1.8234	-4.0042

Note:

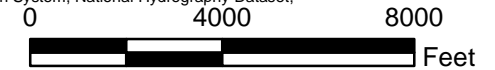
Mineral Saturation Index (SI) is a measure of whether a water will tend to dissolve or precipitate a particular mineral. An SI is negative when the mineral may be dissolved (i.e., it is present below its saturation concentration), positive when it may be precipitated (i.e., is above its saturation concentration), and zero when the water and mineral are at chemical equilibrium. The SI is calculated by comparing the chemical activities of the dissolved ions of the mineral (ion activity product, IAP) with their solubility product (K_{sp}). In equation form, $SI = \log(IAP/K_{sp})$



LEGEND

- PROPERTY BOUNDARY
- - - - AP-1 PERMIT BOUNDARY

Service Layer Credits: USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset,



CLIENT
GEORGIA POWER COMPANY
 PLANT SCHERER
 JULIETTE, GEORGIA



PROJECT
 ALTERNATE SOURCE DEMONSTRATION
 CELL 1 AND PAC ASH CELL PERMIT NO.102-009D(CCR)
 2023 SECOND SEMI-ANNUAL EVENT

TITLE
SITE LOCATION MAP

CONSULTANT



YYYY-MM-DD	2023-11-21
PREPARED	KJC
DESIGN	DLP
REVIEW	DLP
APPROVED	RNQ

PROJECT No.
 166235021

FIGURE
1

1 in IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET HAS BEEN MODIFIED FROM ANS/A



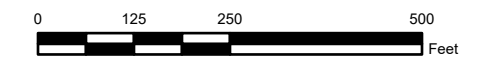
- LEGEND**
- CELL 1 LANDFILL MONITORING WELL
 - PAC ASH LANDFILL MONITORING WELL
 - CELL 3 MONITORING WELL
 - SURFACE WATER LOCATION
 - INFERRED POTENTIOMETRIC SURFACE CONTOUR (FT-NAVD 88)
 - STREAM
 - EXISTING TOPOGRAPHY

NOTE(S)

1. GROUNDWATER ELEVATIONS MEASUREMENTS OBTAINED JULY 31, 2023 BY WSP STAFF.
2. GROUNDWATER ELEVATIONS DISPLAYED IN FEET-NORTH AMERICAN VERTICAL DATUM (FT-NAVD 88).
3. DEEP AND INTERMEDIATE WELL GROUNDWATER ELEVATIONS WERE NOT USED TO GENERATE GROUNDWATER CONTOURS.

REFERENCE(S)

1. COORDINATE SYSTEM: NAD 1983 STATE PLANE GEORGIA WEST FIPS 1002 FEET.
2. MONITORING WELL/PIEZOMETER LOCATIONS PROVIDED BY JORDAN ENGINEERING.



CLIENT
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 PLANT SCHERER
 JULIETTE, GEORGIA



PROJECT
 ALTERNATE SOURCE DEMONSTRATION
 CELL 1 AND PAC ASH CELL PERMIT NO. 102-009D(CCR)
 2023 SECOND SEMI-ANNUAL EVENT

POTENTIOMETRIC SURFACE MAP - CELL 1
JULY 31, 2023

CONSULTANT	DATE
	YYYY-MM-DD 2024-01-24
	DESIGNED RHG
	PREPARED RHG
	REVIEWED RNQ
	APPROVED RNQ

PROJECT NO.
 GL166235022

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B



LEGEND

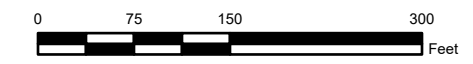
- CELL 1 LANDFILL MONITORING WELL
- PAC ASH LANDFILL MONITORING WELL
- PIEZOMETER
- SURFACE WATER LOCATION
- INFERRED POTENTIOMETRIC SURFACE CONTOUR (FT-NAVD 88)
- STREAM
- EXISTING TOPOGRAPHY

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1. COORDINATE SYSTEM: NAD 1983 STATE PLANE GEORGIA WEST FIPS 1002 FEET.
2. MONITORING WELL/PIEZOMETER LOCATIONS PROVIDED BY JORDAN ENGINEERING.



CLIENT
GEORGIA POWER COMPANY
 PLANT SCHERER
 JULIETTE, GEORGIA



PROJECT
 ALTERNATE SOURCE DEMONSTRATION
 CELL 1 AND PAC ASH CELL PERMIT NO. 102-009D(CCR)
 2023 SECOND SEMI-ANNUAL EVENT

TITLE
POTENTIOMETRIC SURFACE MAP - PAC ASH CELL
JULY 31, 2023

CONSULTANT	YYYY-MM-DD	2024-01-24
DESIGNED	RHG	
PREPARED	RHG	
REVIEWED	RNQ	
APPROVED	RNQ	

PROJECT NO.
 GL166235022

FIGURE
3

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

Figure 4a

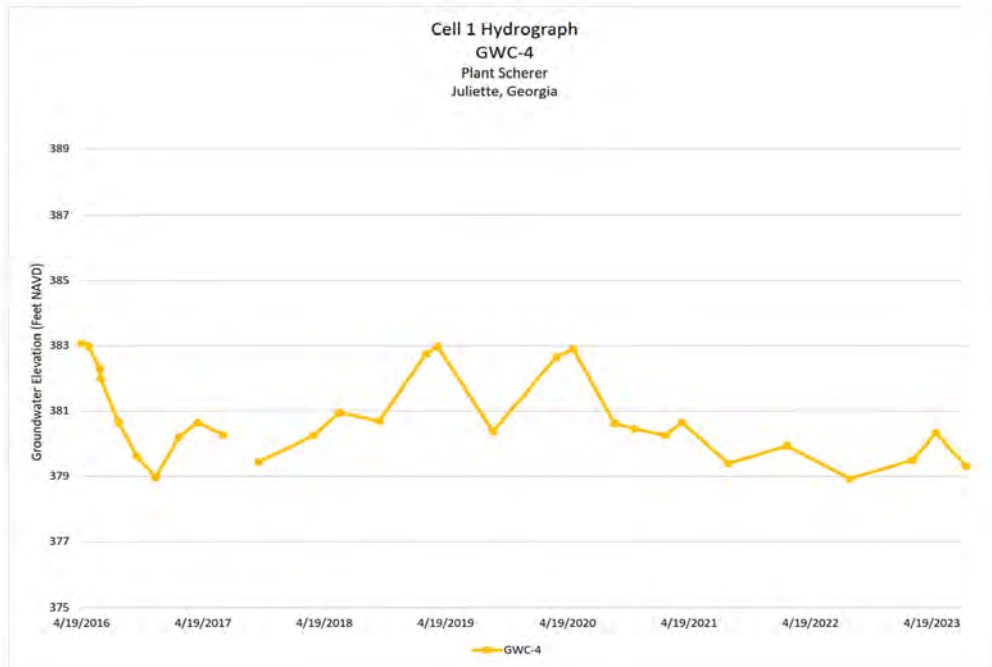
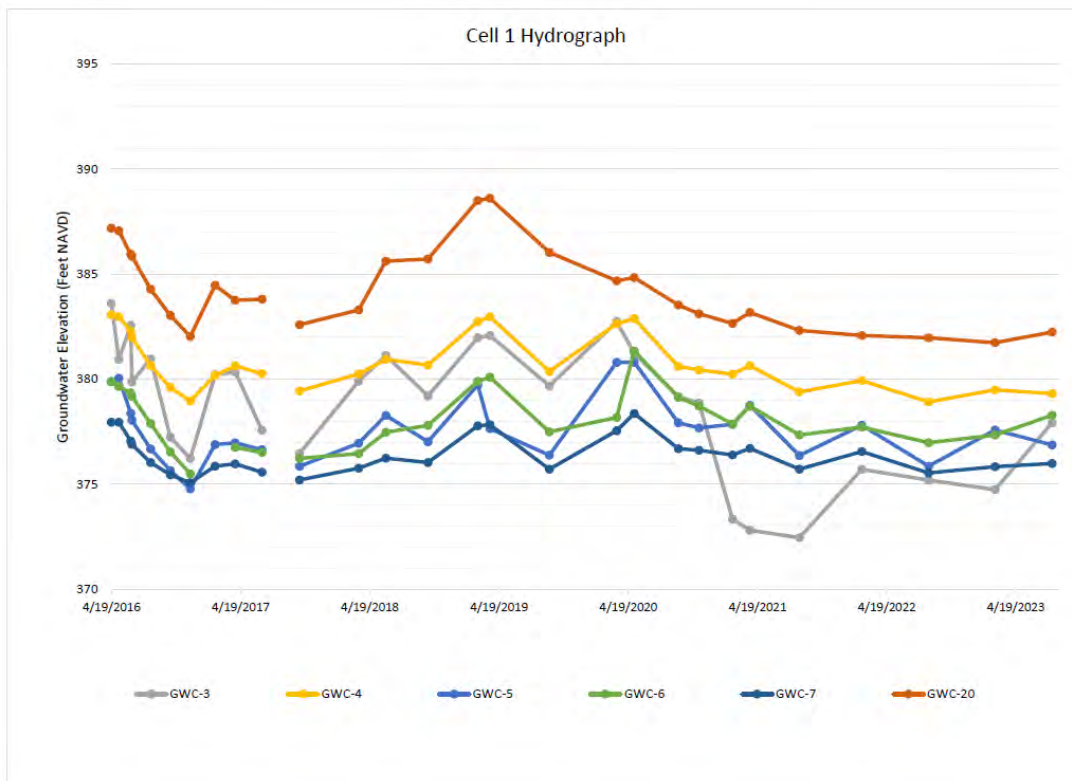


Figure 4b



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PROJECT
 ALTERNATE SOURCE DEMONSTRATION
 CELL 1 AND PAC ASH CELL PERMIT NO. 102-009D(CCR)
 2023 SECOND SEMI-ANNUAL EVENT

TITLE

CELL 1 HYDROGRAPH- GWC-4

PROJECT NO.
 31406440.022

PHASE
 06

REV.
 A

FIGURE
 4

Figure 6a

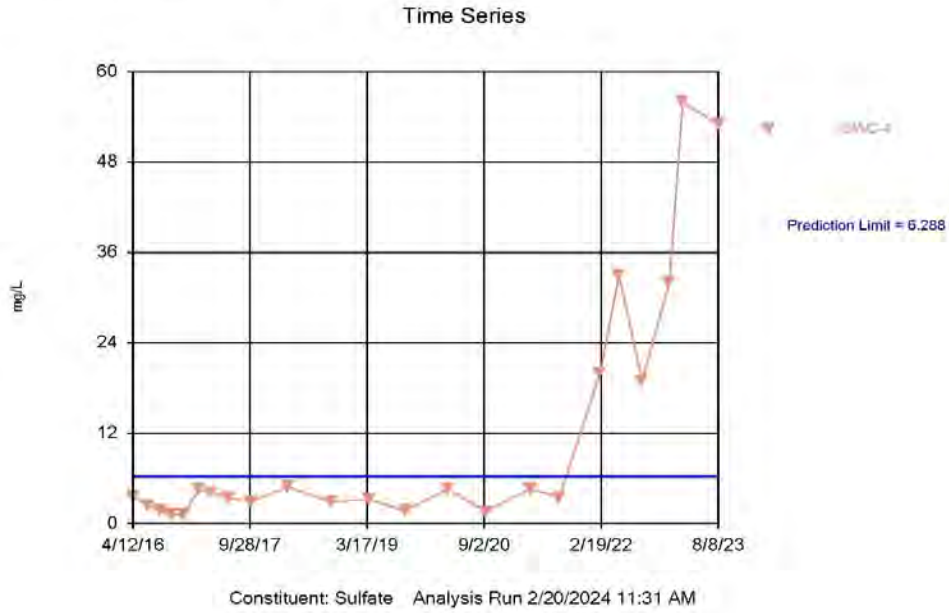
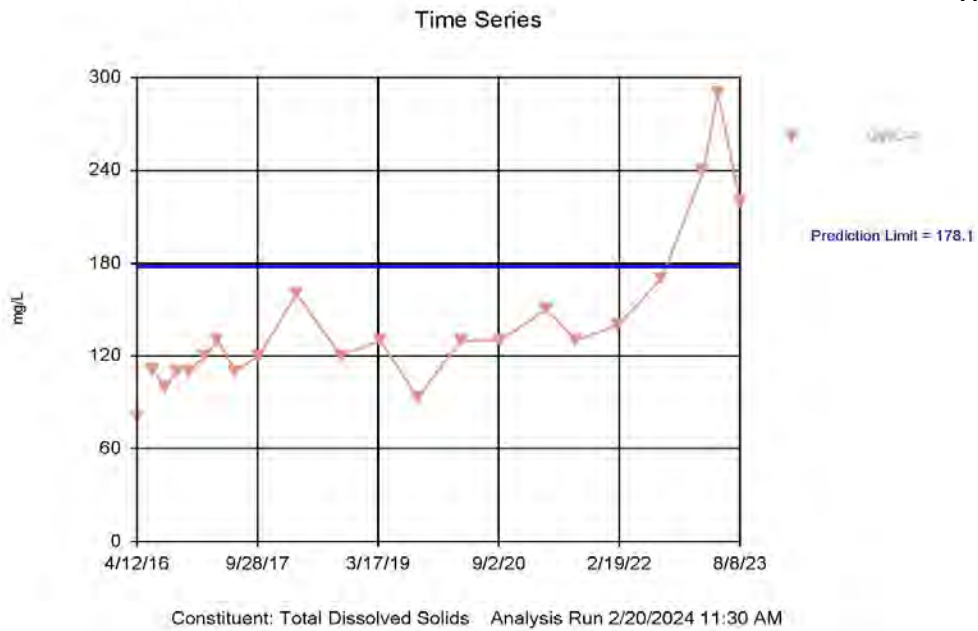


Figure 6b



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PROJECT
ALTERNATE SOURCE DEMONSTRATION
CELL 1 AND PAC ASH CELL PERMIT NO. 102-009D(CCR)
2023 SECOND SEMI-ANNUAL EVENT

CONSULTANT



TITLE

SULFATE AND TDS IN GROUNDWATER AT GWC-4

PROJECT NO.
31406440.022

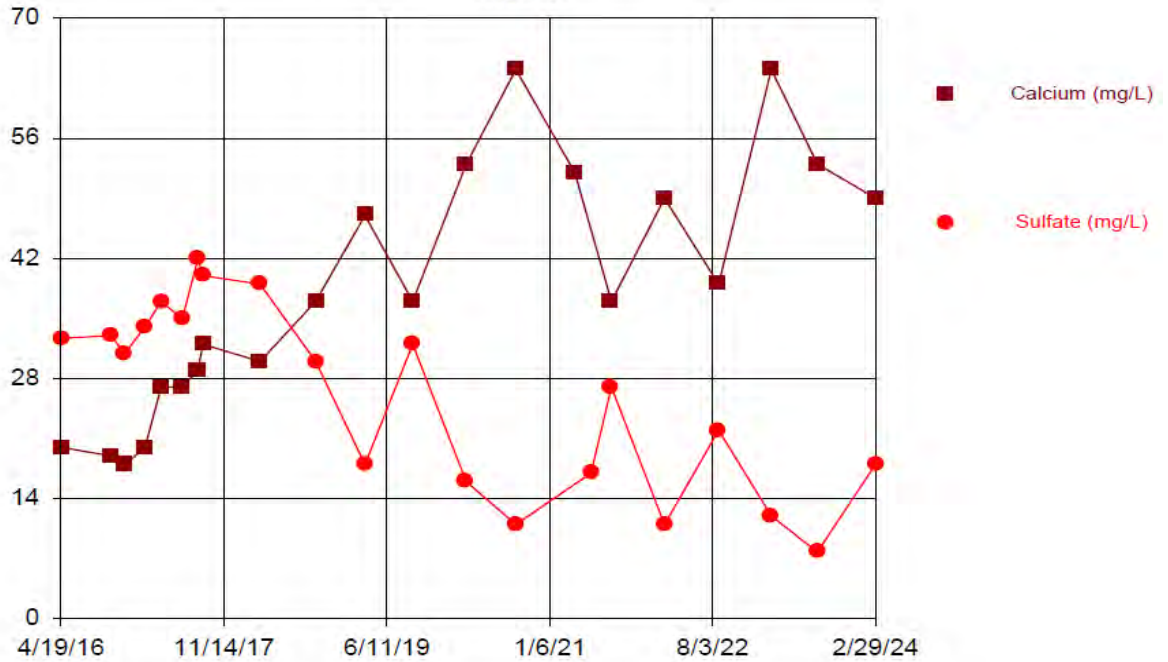
PHASE
06

REV.
A

FIGURE
6

Time Series

GWC-8A



Analysis Run 4/12/2024 1:05 PM

Scherer Plant Client: Southern Company Data: Scherer Cell 1 LF

CLIENT
GEORGIA POWER COMPANY
PLANT SCHERER

PROJECT
ALTERNATE SOURCE DEMONSTRATION
CELL 1 AND PAC ASH CELL PERMIT NO. 102-009D(CCR)
2023 SECOND SEMI-ANNUAL EVENT

CONSULTANT



TITLE

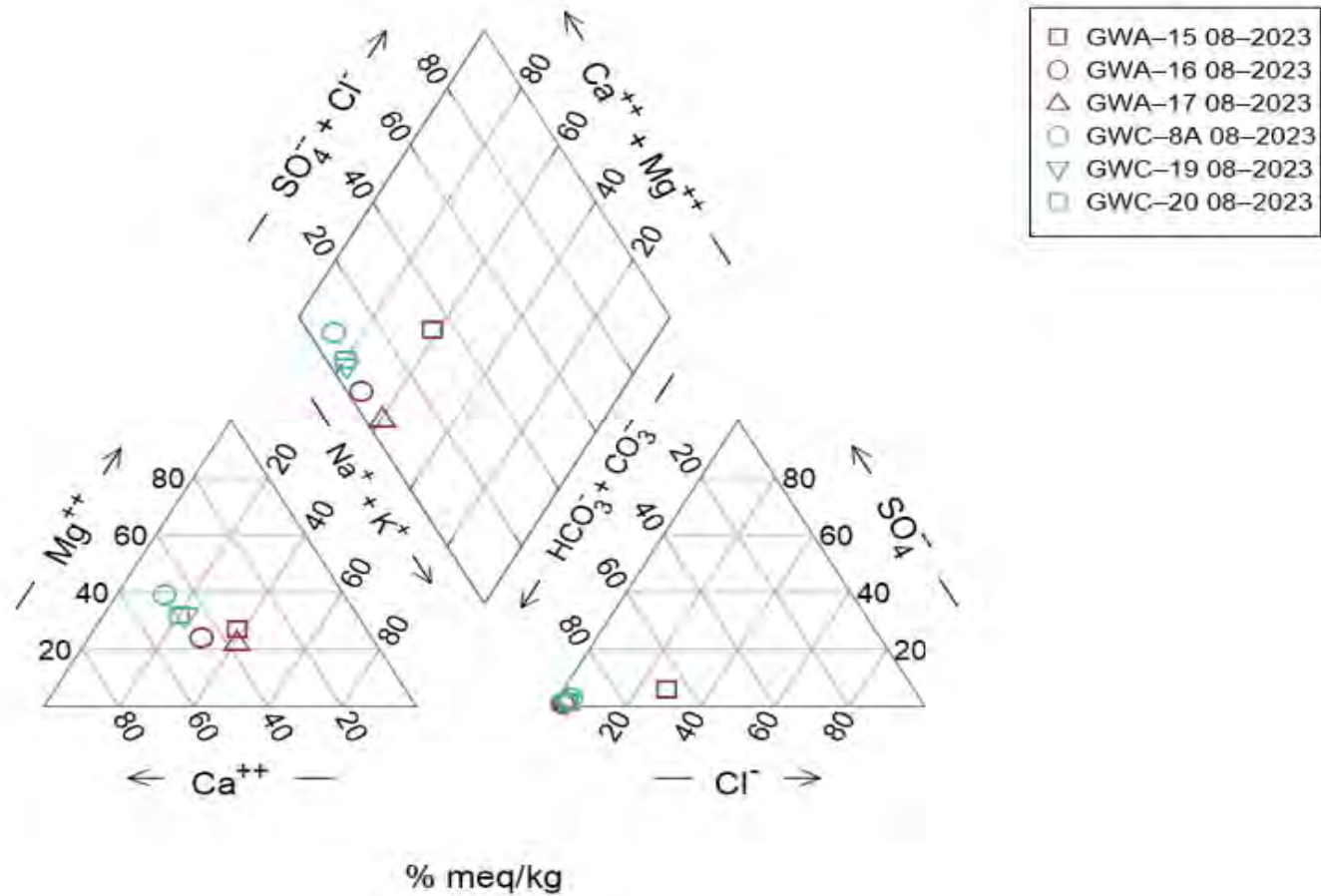
CALCIUM AND SULFATE IN GROUNDWATER AT GWC-8A

PROJECT NO.
31406440.022

PHASE
06

REV.
A

FIGURE
8



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 GEORGIA POWER COMPANY
 PLANT SCHERER

CONSULTANT



PROJECT
 ALTERNATE SOURCE DEMONSTRATION
 CELL 1 AND PAC ASH CELL PERMIT NO. 102-009D(CCR)
 2023 SECOND SEMI-ANNUAL EVENT

TITLE
**GWC-8A, GWC-19, GWC-20, AND UPGRADIENT
 GROUNDWATER CHEMISTRY PIPER TRILINEAR
 DIAGRAM**

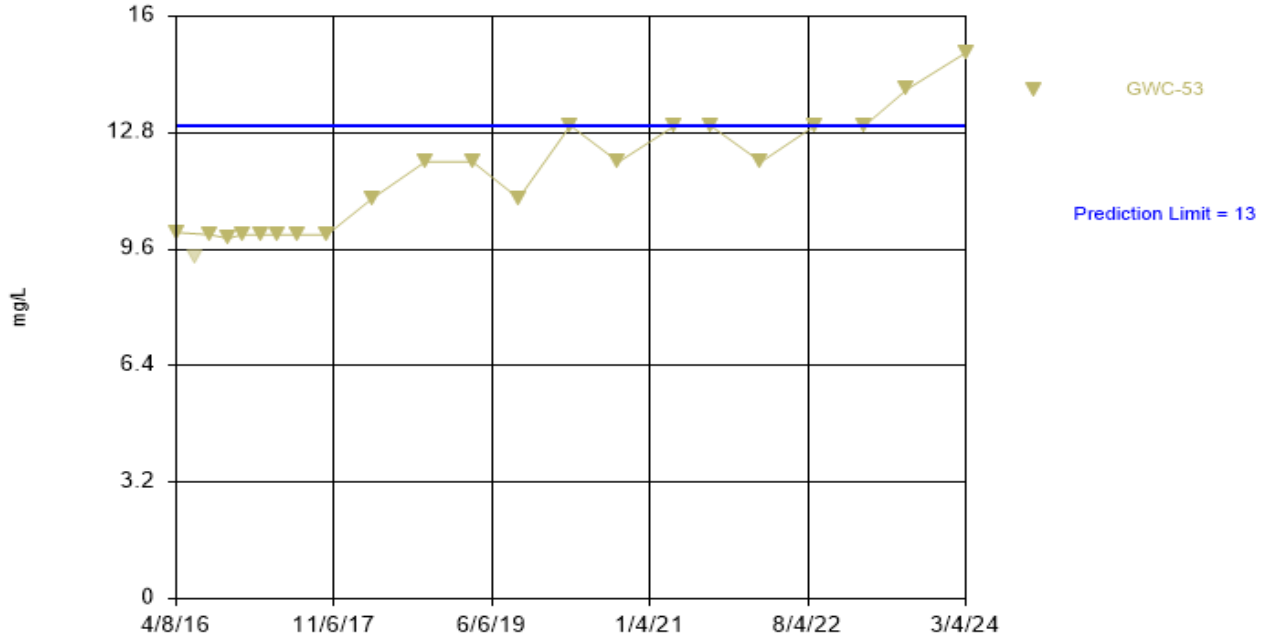
PROJECT NO.
 31406440.022

PHASE
 06

REV.
 A

FIGURE
 9

Time Series





wsp.com



Alternate Source Demonstration

*Plant Scherer Cell 1 and PAC Ash Cell Permit No. 102.009D(CCR)
2024 First Semi-Annual Event*

Submitted to:



Georgia Power Company

241 Ralph McGill Boulevard NE, Atlanta, Georgia 30308

Submitted by:

WSP USA, Inc.

5170 Peachtree Road Building 100 Suite 300, Atlanta, Georgia, USA 30341

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November 22, 2024



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Figure 7: Boron and Chloride in Groundwater at GWC-4

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Figures - continued

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Piper Trilinear Diagram

Figure 10: Boron and Chloride in Groundwater at GWC-6 and GWC-10

Figure 11: Sulfate in Groundwater at GWC-6 and GWC-10

Certification

This *Alternate Source Demonstration, Plant Scherer Cell 1 and PAC Ash Cell Permit No. 102-009D(CCR), 2024 First Semi-Annual Monitoring Event*, has been prepared in compliance with the United States Environmental Protection Agency Coal Combustion Residual Rule (40 Code of Federal Regulations [CFR] 257 Subpart D), specifically § 257.90(e), and the Georgia Environmental Protection Division Rules for Solid Waste Management 391-3-4-.10 by a qualified groundwater scientist or engineer with WSP USA Inc. I hereby certify that I am a qualified groundwater scientist, in accordance with the Georgia Rules of Solid Waste Management 391-3-4-.01.

WSP USA Inc. certifies that monitored constituents were below the applicable Georgia maximum contaminant levels.

WSP USA Inc.



Dawn L. Prell, CPG
Technical Principal, Hydrogeologist



Rhonda N. Quinn, PG
Senior Geologist, Registered Professional Geologist No. 1031



Mark T. Prytula, PhD, PE
Georgia Registered Professional Engineer No. 026729

1.0 INTRODUCTION

This Alternate Source Demonstration (ASD) has been prepared on behalf of Georgia Power Company (Georgia Power) by WSP USA, Inc. (WSP) in accordance with 40 CFR § 257.90(e) of the Federal Coal Combustion Residuals (CCR) Rule and 391-3-4-.10 of the Georgia (GA) Solid Waste Management Rules to address the statistically significant increases (SSIs) of constituents over background concentrations.

These SSIs were reported in the *2024 Semi-Annual Groundwater Monitoring and Corrective Action Report* dated August 30, 2024, for the February 2024 semi-annual monitoring event and the May 2024 verification resampling (February and May 2024) event at Georgia Power's Plant Scherer (Scherer) Cell 1 and Powdered Activated Carbon (PAC) Ash Cell (WSP, 2024b). Within 90 days of the reported SSIs, in compliance with 391-3-4-.10, this report describes an alternate source and demonstrates that the SSIs are not the result of a release from Cell 1 or PAC Ash Cell, but rather due to natural variability in groundwater chemistry.

Semi-annual groundwater quality monitoring and reporting for the landfill units at Plant Scherer are performed in accordance with the Solid Waste Permit 102.009D(CCR); and the Site's *Groundwater Monitoring Plan*, and the CCR Rule 40 CFR § 257.90-98. The following sections address the statistical exceedances noted following the 2024 first semi-annual monitoring event and provide evidence that demonstrates an alternate source for these exceedances.

2.0 SITE DESCRIPTION

Plant Scherer is a coal-fired power generation facility located in northeast Monroe County approximately five miles south of Juliette, GA. The property occupies approximately 13,000 acres and is bounded on the south by Lake Juliette. The plant is primarily surrounded by agricultural and residential use. Figure 1 depicts the location of Plant Scherer relative to the surrounding area. The Site is located within the Piedmont Physiographic Province of central Georgia, which is characterized by gently rolling hills and narrow valleys, with locally pronounced linear ridges (Golder 2022a). Overall, the property slopes gently south towards Lake Juliette and east toward the Ocmulgee River (Figure 1).

The Plant Scherer Landfill consists of two active cells, namely, Cell 1 and PAC Ash Cell (Figure 1). The two active cells have been used since 2011 for CCR. The landfill is situated on a topographically high area of the property east/southeast of the ash pond. The landfill cells have a geosynthetic clay and geomembrane composite liner, and a leachate collection and removal system. Figures 2 and 3 depict the general configuration of Cell 1 and the PAC Ash Cells along with the potentiometric surface inferred from groundwater elevations measured in the monitoring well network on February 19, 2024. Figure 4 presents a hydrograph of groundwater elevations for wells around Cell 1.

3.0 EVALUATION OF ANALYTICAL RESULTS & STATISTICAL ANALYSES

As presented in the *2024 Semi-Annual Groundwater Monitoring and Corrective Action Report*, detected concentrations of target constituents are below the established prediction limits (PLs) in groundwater samples collected during the February 2024 sampling events with the exception of barium, nickel, zinc, calcium, chloride, pH, sulfate, and TDS, in various wells at Cell 1. Verification sampling conducted in May 2024 confirmed the SSIs of barium, calcium, chloride, sulfate and TDS. The SSIs noted at the Site are below applicable maximum contaminant levels (MCLs) for drinking water.

This report documents an Alternate Source Demonstration (ASD) to address the SSIs above background concentrations. Prior ASDs have been prepared to address the confirmed SSIs of barium, calcium, chloride, sulfate, and TDS at GWC-4, calcium at GWC-8A, GWC-19 and GWC-20, and sulfate at GWC-10. Table 1 summarizes the statistical exceedances above PLs following the February 2024 sampling event and subsequent May 2024 resampling results. Since the SSIs of nickel and zinc were not confirmed by resampling, these constituents are excluded in the following discussion.

3.1 Statistical Analysis Method

The selected statistical evaluation procedure for Cell 1 and PAC Ash Cell was developed using methodology presented in *Statistical Analysis of Groundwater Data at RCRA Facilities, Unified Guidance*, (Unified Guidance) (USEPA March 2009). Sanitas groundwater statistical software was used to perform the statistical analyses. Sanitas is a decision-support software package that incorporates the statistical tests required of Subtitle C and D facilities by United States Environmental Protection Agency (USEPA) regulations and as recommended in the Unified Guidance.

During detection monitoring at the Site, groundwater quality data are evaluated using a two-step statistical approach (i.e., intrawell followed by interwell PLs). The statistical method(s) use an optional 1-of-2 verification resample plan. Intrawell statistical analyses methods are evaluated for each well and constituent pair. For an apparent SSI, a second step of interwell comparisons is performed. An SSI is declared when downgradient well data exceed both intrawell and interwell PLs.

3.2 Statistical Analysis Results

The calculated prediction limits and the statistical analysis (Sanitas) results are included in *2024 Semi-Annual Groundwater Monitoring and Corrective Action Report (WSP 2024b)*.

Using the statistical methods described above, including the two-step analyses, the following SSIs are noted following the first semi-annual 2024 monitoring event including both the February sample event and the May 2024 verification sampling event. No SSIs were reported in the PAC Ash Cell wells.

Parameter	Well ID
Cell 1	
Barium	GWC-4*
Calcium	GWC-4*, GWC-7, GWC-8A*, GWC-19*, GWC-20*
Chloride	GWC-4*
Sulfate	GWC-4*, GWC-6, and GWC-10*
TDS	GWC-4*

Note:

*Indicate prior ASDs have been prepared to address confirmed SSIs.

4.0 ALTERNATE SOURCE DEMONSTRATION

In accordance with Rule § 391-3-4-.10 and 40 CFR § 257.90(e), the following discussion provides a demonstration that the SSIs identified following the February and May 2024 sampling events are not the result of a release from Cell 1 or the PAC Ash Cell. All but two SSIs identified after the February and May 2024 sampling have been the subject of prior ASDs, as summarized on Table 1, and the findings of those ASDs have been summarized in this demonstration, particularly in sections 4.2 and 4.3.

In general, SSIs can be attributed to natural variability in groundwater chemistry. The variations in metal concentrations at several wells across the Site reflect variations in groundwater flow and chemistry following repairs to the sedimentation ponds and the clear pool made in 2023 and on other occasions in previous years that have affected nearby monitoring wells.

4.1 Barium, Calcium, Chloride, Sulfate, and TDS at GWC-4

4.1.1 Natural Occurrence of Barium in Regional and Site Groundwater

The concentration of barium in groundwater at GWC-4 during the February 2024 monitoring event (0.10 mg/L or 100 µg/L) is above the intrawell prediction limit (0.053 mg/L or 53.18 µg/L), but substantially below the MCL of 2 mg/L (Figure 5). Barium is a naturally occurring alkaline earth metal commonly found in soils at a range of 10 to 5,000 mg/kg in soils across the United States, with an average concentration of 290 mg/kg in the Eastern United States (Smith and Huyck, 1999). Barium is typically found in groundwater as the divalent cation Ba²⁺ across a wide range of redox and pH conditions. As such, barium is prevalent in Piedmont groundwater at concentrations typically higher than other metals (USGS 2013). Where barium concentrations are high in groundwater, it has been observed that there is low sulfate in groundwater, indicating barite [BaSO₄], a common mineral, is a likely control on the barium concentration in natural groundwater (Hem 1985). With a range of less than 50 parts per billion over the upper PL, such variations in barium and other metal concentrations in groundwater are expected due to natural variations in groundwater quality resulting from variations in groundwater flow.

Barium concentrations at well GWC-4 are comparable to the reported range of barium concentrations (0.02 to 0.12 mg/L) in the crystalline rock aquifers of the Piedmont (USGS 2009 and USGS 2013). Barium in site groundwater is most likely derived by barite, which is a naturally occurring mineral. Barite is common in the Piedmont region and has been historically mined in some areas of the Piedmont (Cook, 1978). Because barite is easily dissolved under most geochemical conditions (USGS 2013), the occurrence of barium at varying concentrations can occur at the Site due to variability of groundwater levels and the subsequent saturation of barium due to increased amounts of barium dissolved into groundwater. Figure 4 shows a notable decline in groundwater levels, in several site monitoring wells since 2020 (Figure 4). This decline in groundwater level at the Site coincided with the repair of above-ground pipes and installation of a new liner in the North Sedimentation Pond (Figure 1). Time series concentration trend of barium closely resembles the trends for calcium, sulfate, and TDS, indicating a common mechanism of the release of these constituents to groundwater. This is further described in section 4.1.4.

4.1.2 Natural Variability of Calcium, Sulfate, Chloride, and TDS

The calcium concentration at GWC-4 in February 2024 was 31 mg/L, compared to the intrawell PL of 17.6 mg/L (Figure 5). Similar to barium, the calcium concentration in well GWC-4 most likely reflects a decrease in groundwater elevation in GWC-4 due to the repairs and installation of a new liner in the nearby North Sedimentation Pond. Decreased groundwater levels resulted in increased mineral solubility of calcium and

barium. This is reflected in the saturation indices shown by a geochemical model that describes the site conditions based on recently collected ion data. The saturation indices (SI) for barite and gypsum have increased at GWC-4 since the previous event (fall 2023) from 0.2111 to 0.5682 and from -2.1855 to -1.9297, respectively.

The sulfate concentration at GWC-4 in February 2024 was 84 mg/L, compared to the intrawell PL of 6.288 mg/L (Figure 6). The chloride concentration at GWC-4 in February 2024 was 21 mg/L, it was then resampled in May 2024 and the concentration was 28 mg/L, compared to the intrawell PL of 16.42 mg/L (Figure 7). The chloride concentration is relatively low for natural groundwater. The TDS concentration at GWC-4 in February 2024 was 260 mg/L, compared to the intrawell PL of 178.1 mg/L (Figure 6). Since TDS is essentially a sum of dissolved major and trace elements in groundwater, TDS is simply a reflection of slightly elevated calcium, sulfate, and chloride concentrations due to natural variations in groundwater quality, and mineral saturation and solubility. Any release of gypsum leachate from the lined CCR landfill units would show notably higher concentrations of TDS and other constituents leached from CCR. This is clearly not evident in the concentration trends for barium, calcium, chloride, and TDS in well GWC-4.

4.1.3 Lack of Boron in Well GWC-4

Boron is a constituent in CCR materials that is commonly used as an indicator parameter in groundwater monitoring at CCR units because of its behavior as a conservative (non-reactive) element in groundwater quality (Ruhl, 2014). Boron has not been detected historically at GWC-4 (i.e., <0.022 mg/L, Figure 7), which is an additional line of evidence indicating that the detected SSIs are not the result of a release from the lined CCR landfill units.

4.1.4 Mineral Saturation in Well GWC-4

Mineral saturation indices (SIs)¹ for well GWC-4 are shown in Table 2. The SIs indicate that calcite (CaCO₃) and gypsum (CaSO₄) are undersaturated and barite (BaSO₄) is near equilibrium for the chemical composition of groundwater in well GWC-4. This means additional calcium and sulfate dissolution from the aquifer system remains favorable until chemical equilibrium (calcium, barium, and/or sulfate saturation) is achieved. The apparent increase in TDS concentrations above the PLs is attributable to mineral dissolution and re-equilibration, and such variations in metal concentrations are expected due to natural variations in groundwater quality in the overburden-fractured rock aquifer at the Site. Physical changes at the Site from engineering and construction activities can also cause these changes when soils rich in calcium and sulfide minerals are exposed to the surface with additional recharge. Additionally, excavation of vegetation and organic soils found in the sediment pond footprint (previously used for stormwater control), the addition of structural fill, and construction of a two-foot layer of compacted clay liner provide a site-specific, non-CCR source of soluble minerals. Overall, the groundwater quality in well GWC-4 reflects metal concentrations that are comparable to reported background concentrations in the nearby Piedmont areas (USGS 2013).

Groundwater elevations in well GWC-4 have declined since 2020 (Figure 4). The changes in groundwater levels affect the pH and redox condition in the uppermost aquifer and subsequently affect the kinetics of mineral

¹ Mineral Saturation Index (SI) is a measure of whether a water will tend to dissolve or precipitate a particular mineral. An SI is negative when the mineral may be dissolved (i.e., it is present below its saturation concentration), positive when it may be precipitated (i.e., is above its saturation concentration), and zero when the water and mineral are at chemical equilibrium. The SI is calculated by comparing the chemical activities of the dissolved ions of the mineral (ion activity product, IAP) with their solubility product (K_{sp}). In equation form, $SI = \log(IAP/K_{sp})$.

dissolution or precipitation. Groundwater elevations at several of the Site wells (including GWC-4) have declined nearly five feet since 2019, likely due to the 2020 construction of the lined sedimentation pond.

Based on these facts, the elevated concentrations of barium, calcium, chloride, sulfate, and TDS at GWC-4 are not the result of a release from Cell 1 but rather due to natural variability in groundwater chemistry due to the change in recharge conditions and cation exchange reactions.

4.2 Calcium at GWC-7, GWC-8A, GWC-19, and GWC-20

An ASD for calcium at GWC-8A, GWC-19 and GWC-20 was last submitted on April 28, 2024. Calcium concentrations in February 2024 at monitoring wells GWC-7, GWC-19 and GWC-20 were 17 mg/L, 19 mg/L, and 17 mg/L, respectively. GWC-7 was resampled for calcium in May 2024, confirming the original results. These concentrations are within close range to their corresponding intrawell prediction limits (16 mg/L, 15.99 mg/L, and 15.76 mg/L, respectively). As indicated, the concentrations are only slightly elevated in comparison to their PLs. This slight variance from the PLs is indicative of site-wide changes in chemistry likely due to changes in water level or site construction. At well GWC-8A, the calcium concentration in February 2024 was 49 mg/L (Figure 8) and was within less than 4 mg/L of its intrawell PL of 45.47 mg/L. The variations in calcium in groundwater at GWC-8A (which does not exhibit any other SSIs), are due to natural variations in groundwater quality related to mineral saturation and solubility.

General chemistry of wells showing SSIs for calcium are compared to upgradient groundwater monitoring wells on a piper trilinear diagram presented as Figure 9. Review of the piper diagram shows that the constituent concentrations in wells GWC-7, GWC-8A, GWC-19 and GWC-20 are similar to upgradient groundwater quality and do not indicate influence from Cell 1 or potentially PAC Ash Cell. Overall, the groundwater quality in wells GWC-7, GWC-8A, GWC-19, and GWC-20 reflects metal concentrations that are less than an order of magnitude of their respective intrawell/interwell PLs and are comparable to reported background concentrations in site background wells and in the nearby Piedmont areas (USGS 2013).

SIs for wells GWC-7, GWC-8A, GWC-19, and GWC-20 are shown in Table 2. The SI data indicate that calcite (CaCO_3) is undersaturated based on the chemical composition of groundwater in wells GWC-7, GWC-8A, GWC-19, and GWC-20. This condition means additional calcium dissolution from the aquifer system remains favorable until chemical equilibrium (calcium saturation) is achieved. The apparent increase in calcium concentrations above the PLs is attributed to mineral dissolution and re-equilibration, and such variations in metal concentrations are expected due to natural variations in groundwater quality in the overburden-fractured rock aquifer at the Site. Physical changes at the Site from engineering and construction activities can also cause these changes when soils rich in calcium and sulfide minerals are exposed to the surface with additional recharge. Additionally, excavation of vegetation and organic soils found in the sediment pond footprint (previously used for stormwater control), the addition of structural fill, and construction of a two-foot layer of compacted clay liner near GWC-19 and GWC-20, coupled with liner repairs and site maintenance at the lined pond near GWC-8A can provide a site-specific, non-CCR source of soluble minerals.

Groundwater elevations in wells GWC-19 and GWC-20 have slightly declined since March 2019 (Figure 4), since the over-excavation and lining of the North Sedimentation Pond. Construction, including the addition of 2,600 feet of underdrain, occurred at the Site. Construction of the drain, which occurred in December 2019, (Brantley 2020), corresponds to the observed increase in calcium GWC-19 and GWC-20. An inverse relationship observed between calcium and sulfate since 2018 (Figure 8) further substantiates that groundwater in well GWC-8A does

not reflect gypsum solubility but rather a groundwater signature that reflects variability in calcium concentrations due to variations in site groundwater conditions.

The decreases in groundwater levels can affect the pH and redox condition in the uppermost aquifer and subsequently, affect the kinetics of mineral dissolution or precipitation. Groundwater elevations have declined nearly five feet in several of the Site wells (including GWC-19, and GWC-20) since 2019 (Figure 4).

4.3 Sulfate at GWC-6 and GWC-10

An ASD for sulfate at GWC-10 was last submitted on November 29, 2023. SSIs of sulfate have been identified at GWC-6 and GWC-10 following the February 2024 sampling event and were confirmed during the May 2024 resampling event. Although the May 2024 resample results confirmed the concentrations reported in February 2024, sulfate concentrations in May 2024 decreased from the February 2024 results. The May 2024 concentration of sulfate at GWC-6 is 18 mg/L, which is only slightly above the intrawell PL (17.05 mg/L). The May 2024 concentration of sulfate at GWC-10 is 3.9 mg/L which is only slightly above the intrawell PL of 1.2 mg/L. General chemistry at GWC-6 and GWC-10 compared to upgradient groundwater monitoring wells is presented on a piper trilinear diagram (Figure 9). Review of the piper diagram shows that GWC-6 and GWC-10 concentrations are similar to upgradient groundwater quality and do not suggest influence from another source (i.e., Cell 1).

A primary indicator parameter, boron, has not been detected at GWC-6 above the quantitation reporting limit (RL). It has also been consistently not detected at GWC-10, with the exception of low concentrations detected in August and December 2022. Chloride concentrations in these wells over the last three years have been low (below 7.6 mg/L) and no trends are noted for GWC-6 and GWC-10 (Figure 10). If the SSIs of sulfate reported in wells GWC-6 and GWC-10 were due to a release from the landfill, an increase in multiple indicator parameters would be expected, notably boron and chloride, which has not been observed. As a result, the increases in sulfate concentration at GWC-6 and GWC-10 are attributed to natural variations in groundwater chemistry.

Calculated mineral SIs for wells GWC-6 and GWC-10 are shown in Table 2. The SI data indicate that gypsum (calcium sulfate) and barite (barium sulfate) are undersaturated, based on the chemical composition of groundwater in wells GWC-6 and GWC-10. This means that calcium, barium, and sulfate are favored for dissolution in the aquifer system until mineral equilibrium (SI = zero) for these constituents is achieved. If there was a release from Cell 1, the expectation would be that groundwater quality would be significantly affected by the major indicator parameters (boron and chloride particularly) and that the groundwater would be saturated with sulfate and barium (i.e., the saturation indices for these constituents would be notably greater than zero).

5.0 CONCLUSIONS

This ASD has been prepared in response to apparent statistical exceedances presented in the *2024 Semi-Annual Groundwater Monitoring and Corrective Action Report, Georgia Power Plant Scherer Cell 1 and PAC Ash Cell, Permit No. 102-009D(CCR)*, dated August 30, 2024. In accordance with 40 CFR § 257.90(e) and §391-3-4-.10 of the Georgia Solid Waste Management Rules, this ASD addresses each of the SSIs noted following the February 2024 sampling and the May 2024 resampling events.

Based on the data presented herein, SSIs from the February and May 2024 monitoring/resampling events are not the result of a release of constituents from the lined landfill units, but rather natural variability in groundwater quality. The lines of evidence include:

- The landfill cells have a geosynthetic clay and geomembrane composite liner, and a leachate collection and removal system. There is no evidence of a release through the liner systems.
- Construction and repair of the lining of the North Sedimentation Pond has affected localized aquifer recharge and groundwater elevations in nearby wells.
- The reported concentrations of barium are within the range of concentrations expected in the overburden – fractured bedrock aquifers in samples from the Piedmont in the southeastern United States (USGS 2009; USGS 2013).
- The chemical composition of groundwater in wells GWC-6, GWC-7, GWC-8A, GWC-10, GWC-19, and GWC-20, are similar to upgradient groundwater (Figure 9).
- Boron, a primary indicator parameter for CCR, does not exhibit an SSI at wells GWC-4, GWC-6, GWC-7, GWC-8A, GWC-10, GWC-19, and GWC-20
- Mineral saturation indices suggest that barium, chloride, sulfate, and hence, overall TDS concentrations in groundwater in GWC-4, GWC-6, GWC-7, GWC-8A, GWC-10, GWC-19, and GWC-20 are affected by the natural mineral dissolution in the aquifer materials rather than a release from Cell 1.

The SSIs addressed above are below their MCLs and occur at low concentrations commonly noted in groundwater unaffected by CCR units. Based on the findings presented herein, Georgia Power will continue with detection groundwater monitoring at Cell 1 and PAC Ash Cell. A copy of this ASD will be included with the forthcoming Annual report.

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Tables & Figures

Tables

TABLE 1
SUMMARY OF STATISTICALLY SIGNIFICANT INCREASES
2024 FIRST SEMI-ANNUAL EVENT
 Georgia Power Company - Plant Scherer
 Monroe County, Georgia

Constituent	Units	Well ID	Intrawell Prediction Limit	Interwell Prediction Limit	Concentration (mg/L)		ASD Previously Submitted
					February-March 2024	May 2024	
CELL 1							
Barium	mg/L	GWC-4	0.05318	0.051	0.10	NA	Yes ^[1]
Calcium	mg/L	GWC-4	17.6	15	31	NA	Yes ^[1]
Calcium	mg/L	GWC-7	16	15	17	17	No
Calcium	mg/L	GWC-8A	45.47	15	49	NA	Yes ^[1]
Calcium	mg/L	GWC-19	15.99	15	19	NA	Yes ^[1]
Calcium	mg/L	GWC-20	15.76	15	17	NA	Yes ^[1]
Chloride	mg/L	GWC-4	16.42	7.2	21	28	Yes ^[3]
Sulfate	mg/L	GWC-4	6.288	3.5	84	NA	Yes ^[1]
Sulfate	mg/L	GWC-6	17.05	3.5	25	18	No
Sulfate	mg/L	GWC-10	1.2	3.5	4.7	3.9	Yes ^[2]
Total Dissolved Solids	mg/L	GWC-4	178.1	137.2	260	NA	Yes ^[1]

Notes:

[1] Alternate Source Demonstration Georgia Power Company – Plant Scherer Cell 1 and PAC Ash Cell Permit No. 102.009D(LI) 2023 Second Semi-Annual Monitoring Event, April 28, 2024 (WSP, 2024).

[2] Alternate Source Demonstration Georgia Power Company – Plant Scherer Cell 1 and PAC Ash Cell Permit No. 102.009D(LI) 2023 First Semi-Annual Monitoring Event, November 29, 2023 (WSP, 2023).

[3] Alternate Source Demonstration Georgia Power Company – Plant Scherer Cell 1 and PAC Ash Cell Permit No. 102.009D(LI) Second Semi-Annual 2018 Monitoring Event , April 26, 2019 (Golder, 2019).

mg/L - milligrams per liter

NA - Not Analyzed



TABLE 2
SATURATION INDICES - 2024 FIRST SEMI-ANNUAL EVENT

Georgia Power Company - Plant Scherer
Monroe County, Georgia

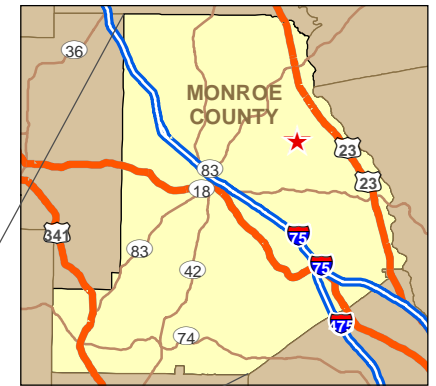
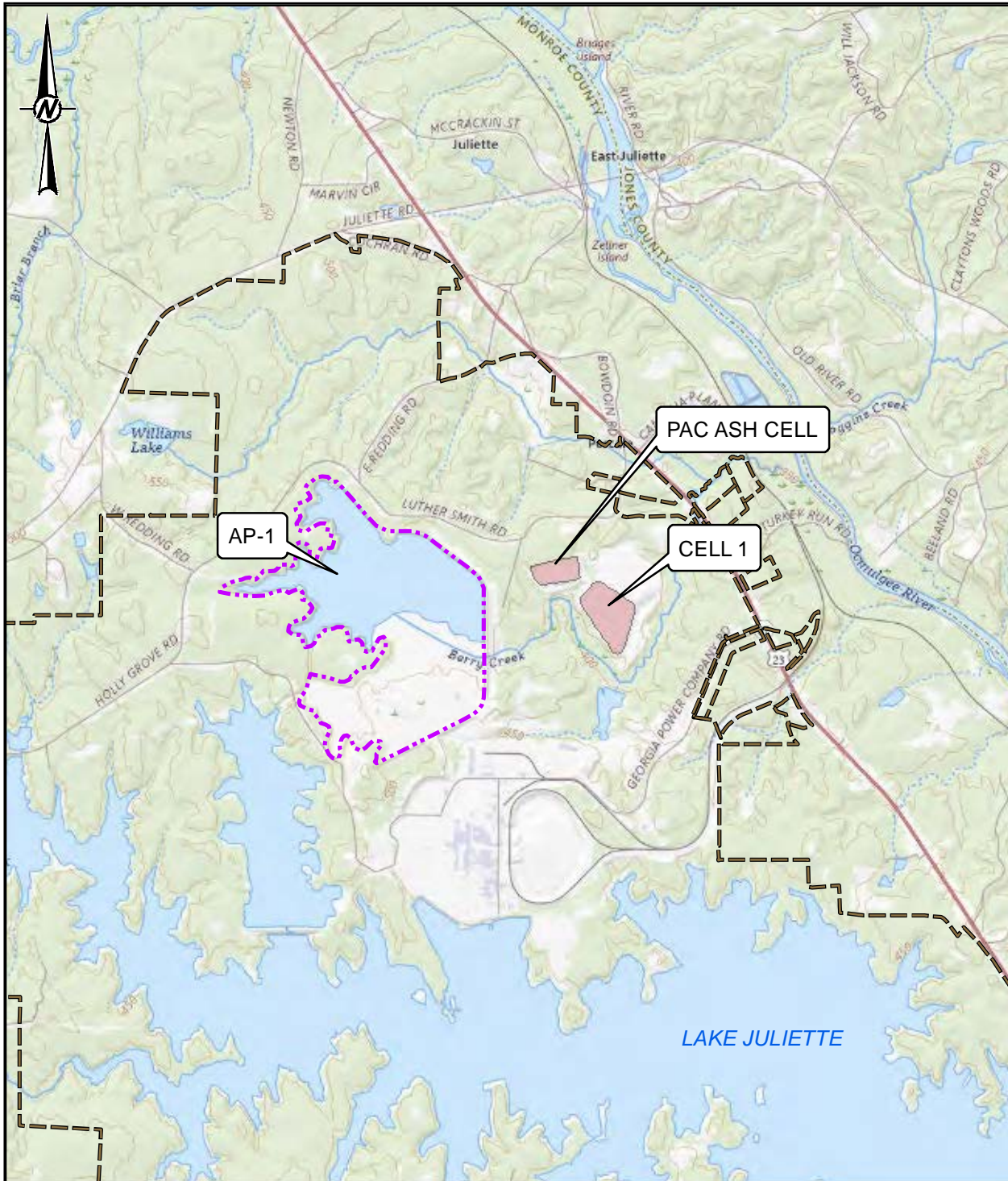
Well ID	February/May 2024		
	Calcite	Barite	Gypsum
GWA-15	-3.9302	-1.7169	-4.0836
GWA-16	-1.8156	-2.2067	-4.4121
GWA-17	-2.1849	-2.1472	-4.5996
GWC-1	-1.4592	-1.6735	-4.0699
GWC-2	-1.6843	-1.5061	-3.884
GWC-3	-2.6473	-0.9548	-3.2143
GWC-4	-1.8869	0.5682	-1.9297
GWC-5	-1.8617	0.1273	-1.9798
GWC-6	-1.8295	-0.1283	-2.553
GWC-7	-1.6742	-1.4818	-3.8059
GWC-8A	-0.8945	-0.5726	-2.4432
GWC-9	-1.3876	-0.5986	-2.7067
GWC-10	-1.6748	-1.0198	-3.259
GWC-11	-2.1141	-2.2423	-4.345
GWC-12	-4.8329	-2.1385	-5.2113
GWC-13	-2.8669	-1.5273	-4.1865
GWC-14	-3.3762	-2.3802	-4.5488
GWC-18	-1.9981	-1.4074	-3.8755
GWC-19	-1.7949	-2.076	-4.2516
GWC-20	-1.5233	-1.8429	-4.1421

Note:

Mineral Saturation Index (SI) is a measure of whether a water will tend to dissolve or precipitate a particular mineral. An SI is negative when the mineral may be dissolved (i.e., it is present below its saturation concentration), positive when it may be precipitated (i.e., is above its saturation concentration), and zero when the water and mineral are at chemical equilibrium. The SI is calculated by comparing the chemical activities of the dissolved ions of the mineral (ion activity product, IAP) with their solubility product (K_{sp}). In equation form, $SI = \log(IAP/K_{sp})$



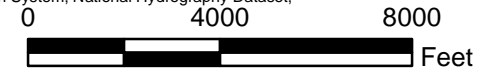
Figures



LEGEND

- PROPERTY BOUNDARY
- AP-1 PERMIT BOUNDARY

Service Layer Credits: USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset,



CLIENT
GEORGIA POWER COMPANY
 PLANT SCHERER
 MONROE COUNTY, GEORGIA



PROJECT
 ALTERNATE SOURCE DEMONSTRATION
 CELL 1 AND PAC ASH CELL PERMIT NO. 102-009D(CCR)
 2024 FIRST SEMI-ANNUAL EVENT

TITLE
SITE LOCATION MAP

CONSULTANT



YYYY-MM-DD	2024-08-06
PREPARED	RHG
DESIGN	DLP
REVIEW	DLP
APPROVED	RNQ

PROJECT No.
 31406440.022

FIGURE
1

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET HAS BEEN MODIFIED FROM ANSIA



LEGEND

- CELL 1 LANDFILL MONITORING WELL
- PAC ASH LANDFILL MONITORING WELL
- CELL 3 MONITORING WELL
- INFERRED POTENTIOMETRIC SURFACE CONTOUR (FT-NAVD 88)
- STREAM
- EXISTING TOPOGRAPHY

NOTE(S)


1. GROUNDWATER ELEVATIONS MEASUREMENTS OBTAINED FEBRUARY 19, 2024 BY WSP STAFF.
2. GROUNDWATER ELEVATIONS DISPLAYED IN FEET-NORTH AMERICAN VERTICAL DATUM (FT-NAVD 88).
3. DEEP AND INTERMEDIATE WELL GROUNDWATER ELEVATIONS WERE NOT USED TO GENERATE POTENTIOMETRIC SURFACE CONTOURS.

REFERENCE(S)

1. COORDINATE SYSTEM: NAD 1983 STATE PLANE GEORGIA WEST FIPS 1002 FEET.
2. MONITORING WELL/PIEZOMETER LOCATIONS PROVIDED BY JORDAN ENGINEERING.
3. SITE IMAGERY: IMAGERY PROVIDED BY CLIENT 07/2024.
4. BACKGROUND IMAGERY: GOOGLE IMAGERY SERVICE. COPYRIGHT GOOGLE 2023. IMAGERY CAPTURED 12/17/2022.




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 MONROE COUNTY, GEORGIA



PROJECT
 ALTERNATE SOURCE DEMONSTRATION CELL 1 AND PAC ASH
 CELL PERMIT NO. 102-009D(CCR)
 2024 FIRST SEMI-ANNUAL EVENT

TITLE
POTENTIOMETRIC SURFACE MAP - CELL 1
FEBRUARY 19, 2024

CONSULTANT	YYYY-MM-DD	2024-11-20
	DESIGNED	RHG
	PREPARED	RHG
	REVIEWED	RNQ
	APPROVED	RNQ



PROJECT NO. 31406440.022

FIGURE 2

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B



LEGEND

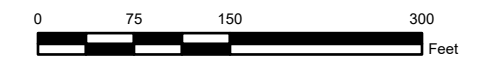
- CELL 1 LANDFILL MONITORING WELL
- PAC ASH LANDFILL MONITORING WELL
- PIEZOMETER
- INFERRED POTENTIOMETRIC SURFACE CONTOUR (FT-NAVD 88)
- STREAM
- EXISTING TOPOGRAPHY

NOTE(S)


1. GROUNDWATER ELEVATIONS MEASUREMENTS OBTAINED FEBRUARY 19, 2024 BY WSP STAFF.
2. GROUNDWATER ELEVATIONS DISPLAYED IN FEET-NORTH AMERICAN VERTICAL DATUM (FT-NAVD 88).
3. DEEP AND INTERMEDIATE WELL GROUNDWATER ELEVATIONS WERE NOT USED TO GENERATE GROUNDWATER CONTOURS.

REFERENCE(S)

1. COORDINATE SYSTEM: NAD 1983 STATE PLANE GEORGIA WEST FIPS 1002 FEET.
2. MONITORING WELL/PIEZOMETER LOCATIONS PROVIDED BY JORDAN ENGINEERING.
3. SITE IMAGERY: IMAGERY PROVIDED BY CLIENT 07/2024.
4. BACKGROUND IMAGERY: GOOGLE IMAGERY SERVICE. COPYRIGHT GOOGLE 2023. IMAGERY CAPTURED 12/17/2022.




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PROJECT
 ALTERNATE SOURCE DEMONSTRATION
 CELL 1 AND PAC ASH CELL PERMIT NO. 102-009D(CCR)
 2024 FIRST SEMI-ANNUAL EVENT

TITLE
POTENTIOMETRIC SURFACE MAP - PAC ASH CELL
FEBRUARY 19, 2024

CONSULTANT	YYYY-MM-DD	2024-08-06
	DESIGNED	RHG
	PREPARED	RHG
	REVIEWED	RNQ
	APPROVED	RNQ



PROJECT NO. 31406440.022

FIGURE 3

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

Figure 4a

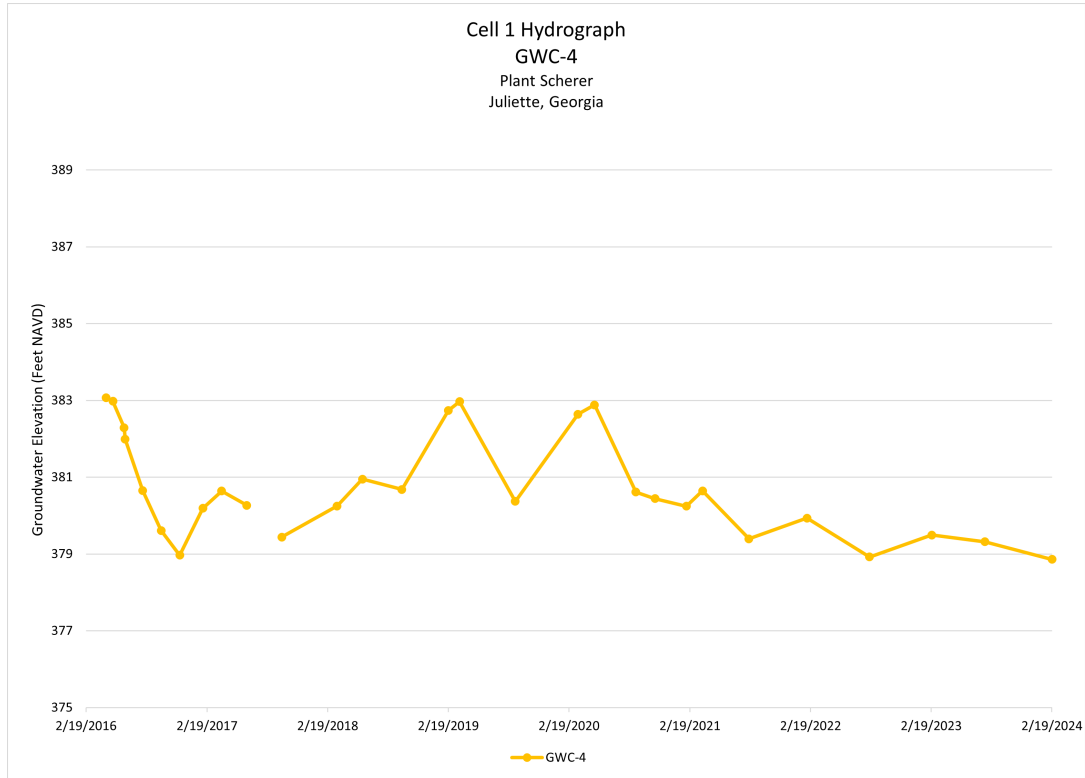
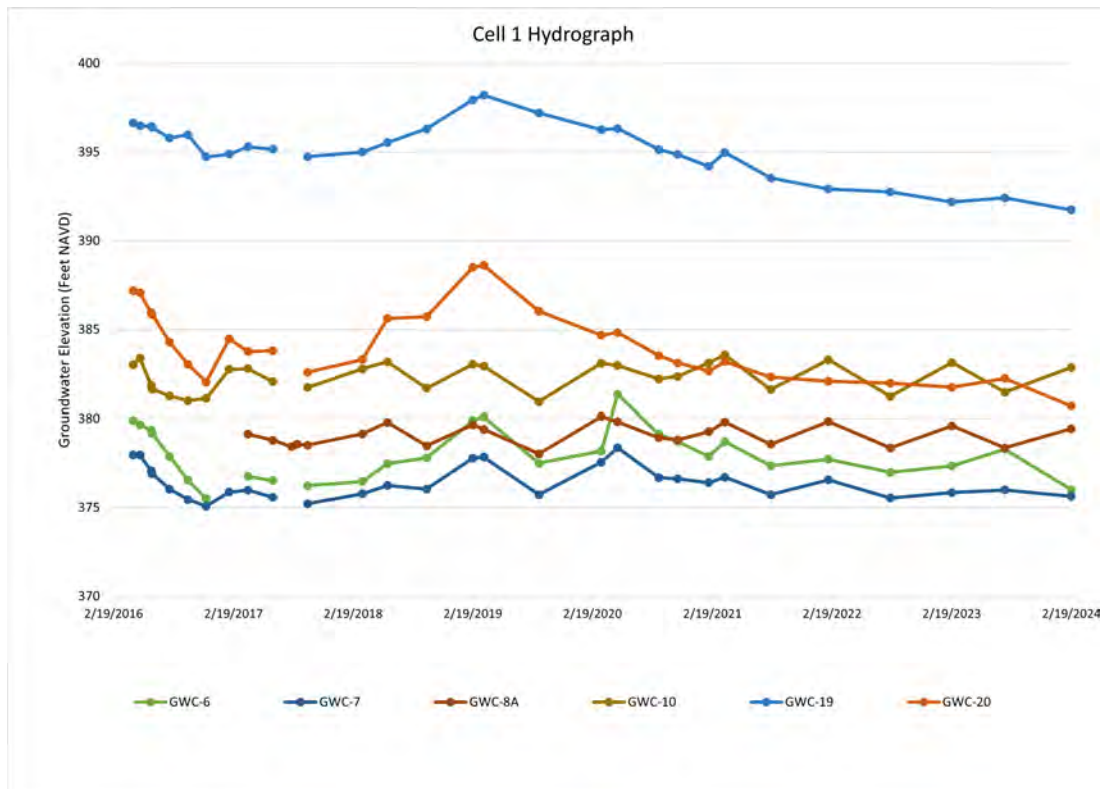


Figure 4b



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PROJECT
 ALTERNATE SOURCE DEMONSTRATION
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 2024 FIRST SEMI-ANNUAL EVENT
 TITLE

CELL 1 HYDROGRAPH- GWC-4

Figure 5a

Sanitas™ v 10.0.22 For the statistical analysis of ground water by Golden Associates only UG

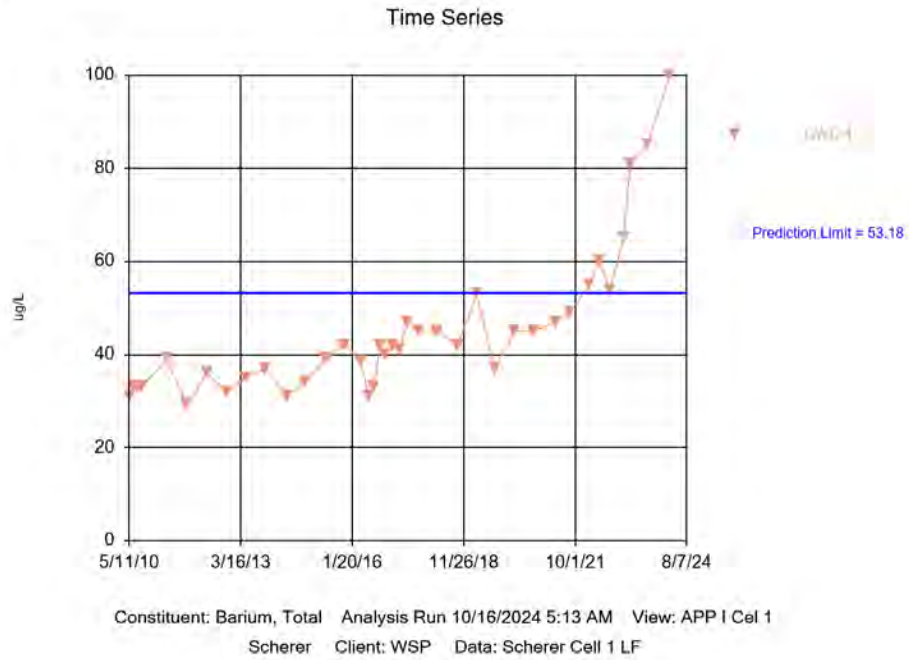
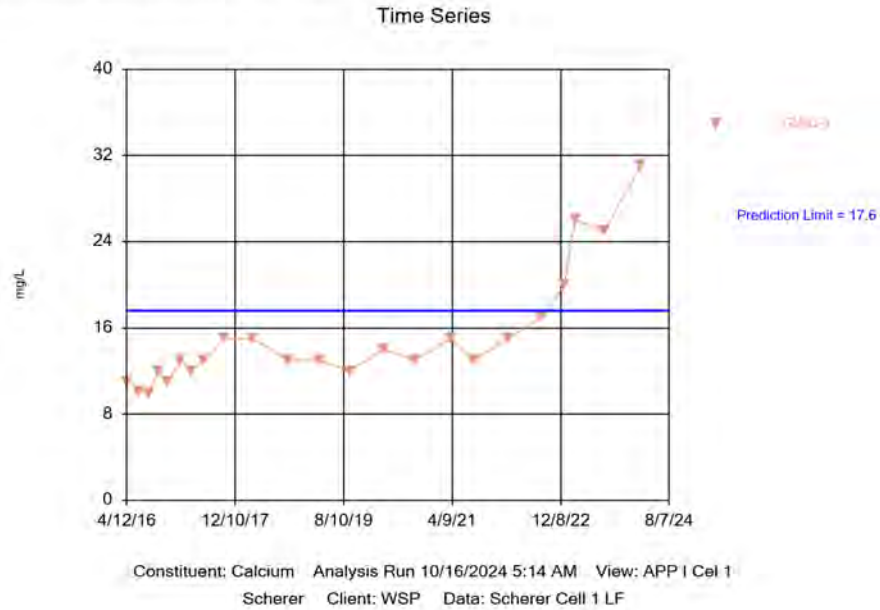


Figure 5b

Sanitas™ v 10.0.22 For the statistical analysis of ground water by Golden Associates only UG



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PROJECT
 ALTERNATE SOURCE DEMONSTRATION
 CELL 1 AND PAC ASH CELL PERMIT NO. 102-009D(CCR)
 2024 FIRST SEMI-ANNUAL EVENT
 TITLE

BARIUM AND CALCIUM IN GROUNDWATER AT GWC-4

Figure 6a

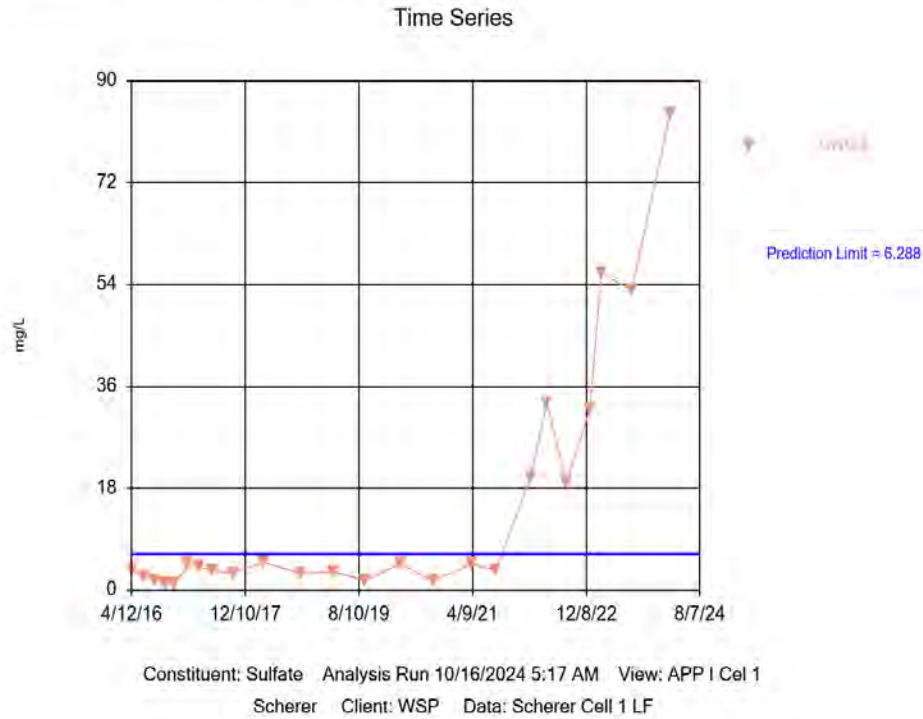
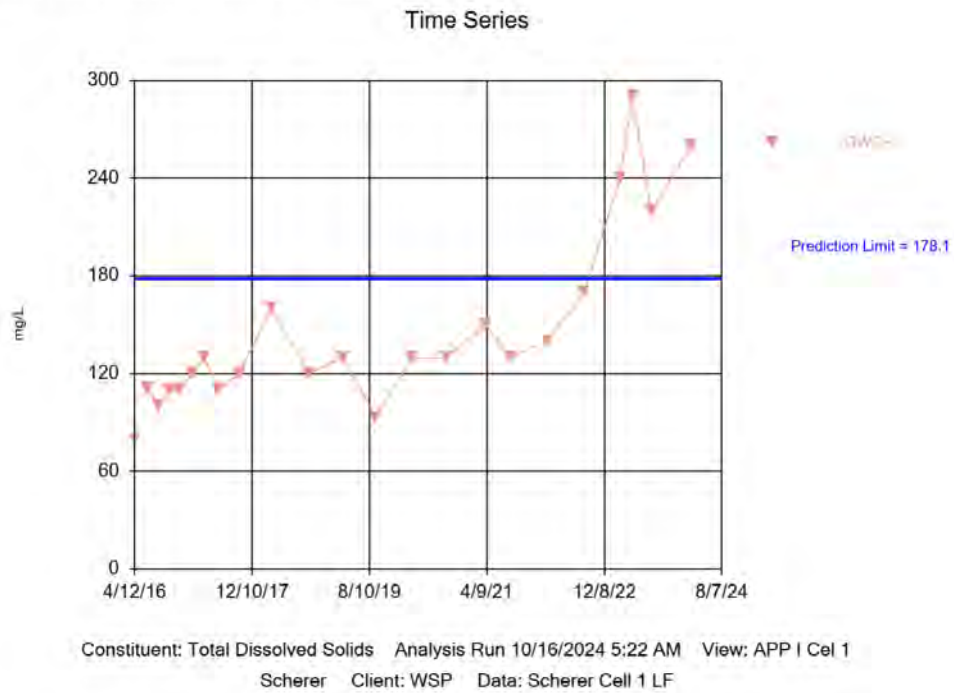


Figure 6b



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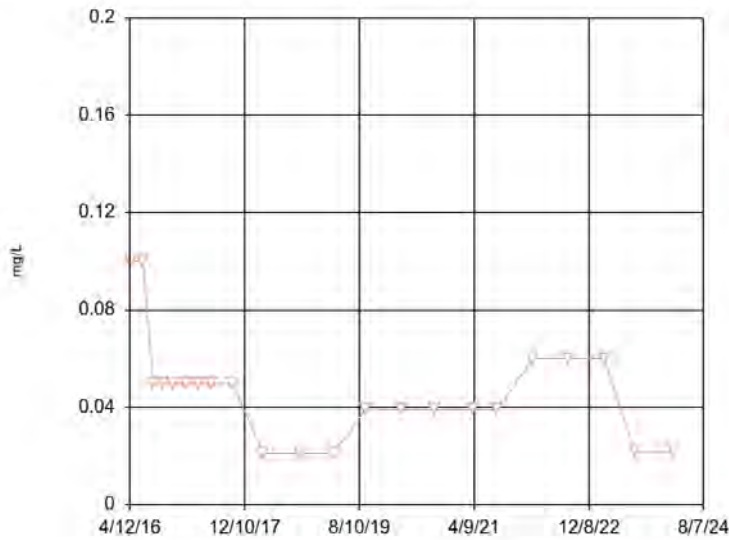
PROJECT
 ALTERNATE SOURCE DEMONSTRATION
 CELL 1 AND PAC ASH CELL PERMIT NO. 102-009D(CCR)
 2024 FIRST SEMI-ANNUAL EVENT
 TITLE

SULFATE AND TDS IN GROUNDWATER AT GWC-4

Figure 7a

Santas™ v.10.0.22 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Time Series

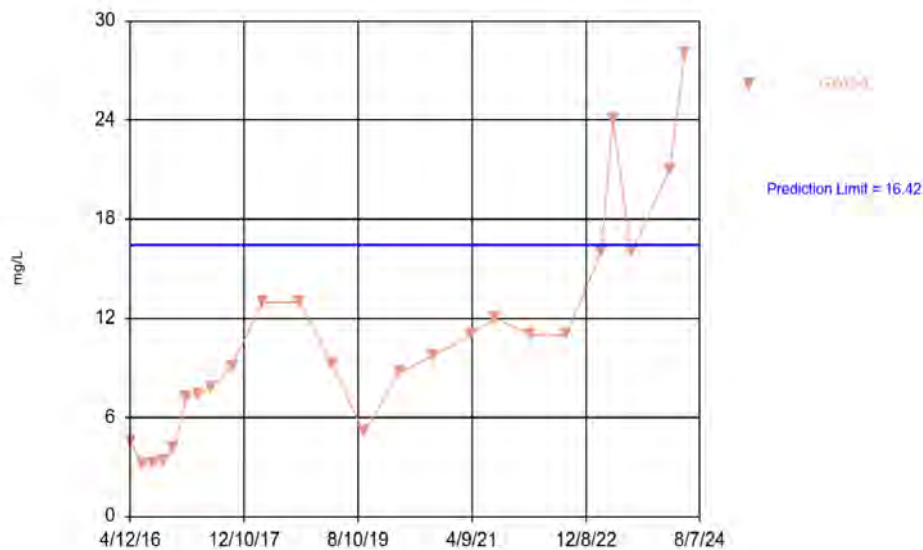


Constituent: Boron Analysis Run 10/16/2024 9:36 AM View: APP | Cel 1
Scherer Client: WSP Data: Scherer Cell 1 LF

Figure 7b

Santas™ v.10.0.22 For the statistical analyses of ground water by Golder Associates only. UG

Time Series



Constituent: Chloride Analysis Run 10/16/2024 9:32 AM View: APP | Cel 1
Scherer Client: WSP Data: Scherer Cell 1 LF

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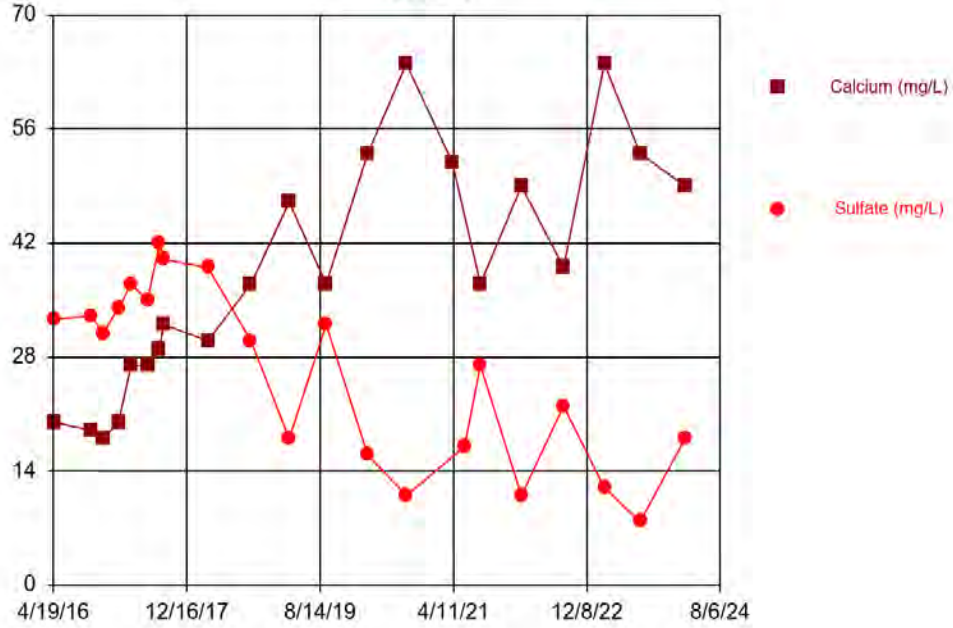
BORON AND CHLORIDE IN GROUNDWATER AT GWC-4

PROJECT NO. 31406440.022	PHASE 06	REV. A	FIGURE 7
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Time Series

GWC-8A



Analysis Run 10/16/2024 9:39 AM View: APP I Cel 1
Scherer Client: WSP Data: Scherer Cell 1 LF

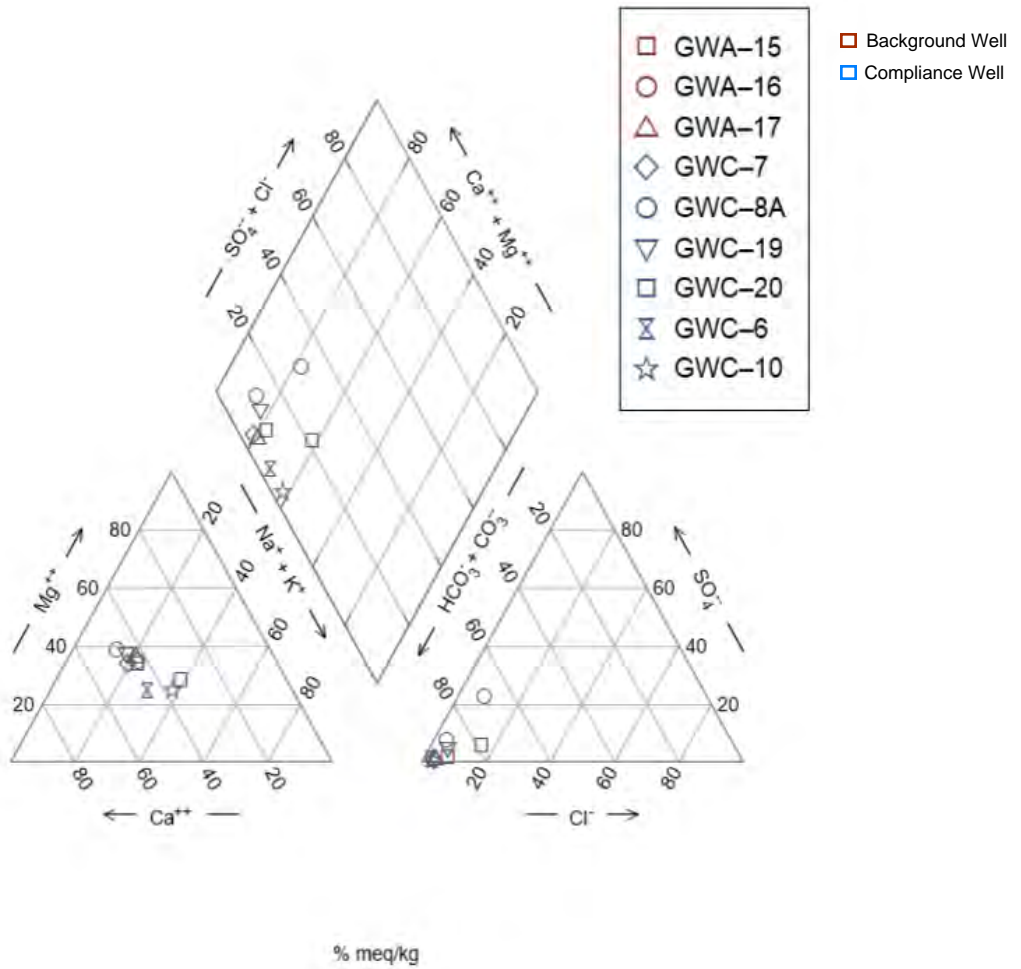
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CALCIUM AND SULFATE IN GROUNDWATER AT GWC-8A

PROJECT NO. 31406440.022 PHASE 06 REV. A FIGURE 8



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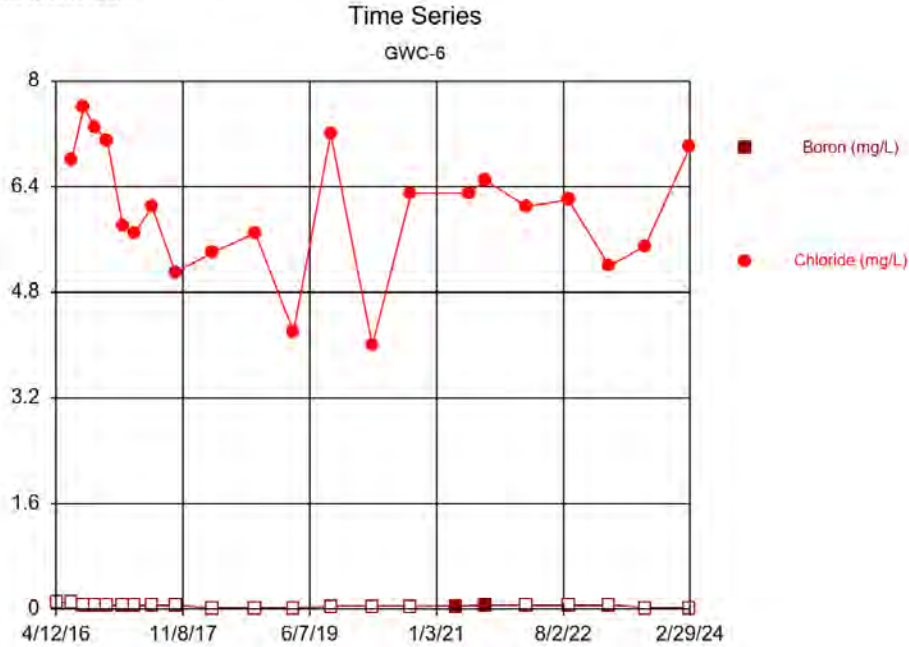
PROJECT
 ALTERNATE SOURCE DEMONSTRATION
 CELL 1 AND PAC ASH CELL PERMIT NO. 102-009D(CCR)
 2024 FIRST SEMI-ANNUAL EVENT

TITLE
**GWC-6, GWC-7, GWC-8A, GWC-10, GWC-19, GWC-20,
 AND UPGRADIENT GROUNDWATER CHEMISTRY PIPER
 TRILINEAR DIAGRAM**

PROJECT NO. 31406440.022	PHASE 06	REV. A	FIGURE 9
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 Hollow symbols indicate censored values.

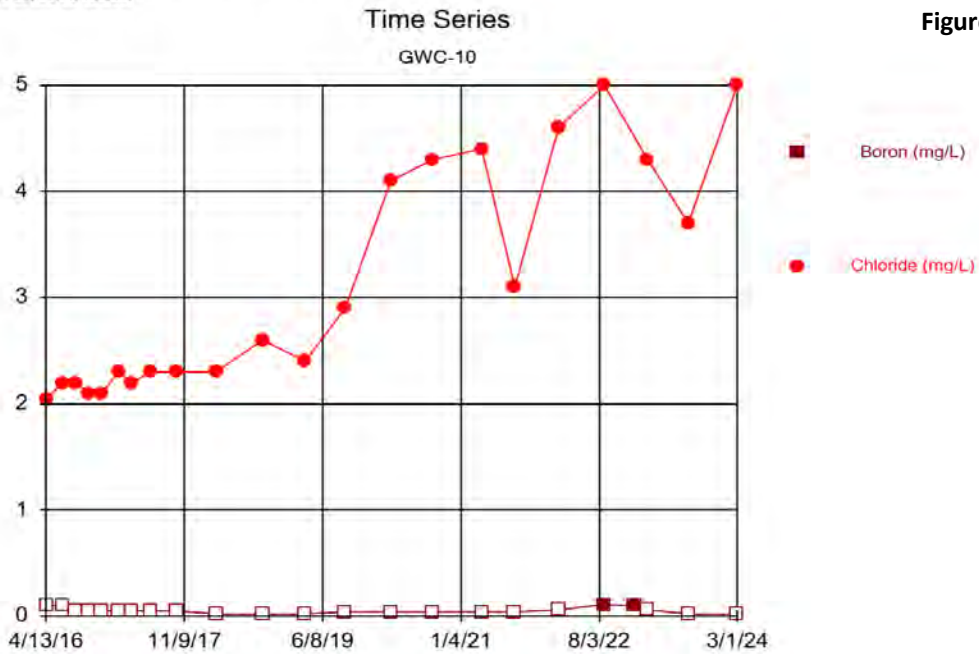
Figure 10a



Analysis Run 10/16/2024 12:19 PM View: APP | Cel 1
 Scherer Client: WSP Data: Scherer Cell 1 LF

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 Hollow symbols indicate censored values.

Figure 10b



Analysis Run 10/16/2024 12:18 PM View: APP | Cel 1
 Scherer Client: WSP Data: Scherer Cell 1 LF

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 2024 FIRST SEMI-ANNUAL EVENT
 TITLE

BORON AND CHLORIDE IN GROUNDWATER AT GWC-6 AND GWC-10



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